

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031120\
 Data File : BG044718.D
 Acq On : 11 Mar 2020 12:30
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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mohammad
 3/16/2020 1:46:23 PM

Quant Time: Mar 12 01:36:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	93912	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	394975	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	278022	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	642267	20.00	ng	0.00
76) Chrysene-d12	21.71	240	583971	20.00	ng	0.00
87) Perylene-d12	24.93	264	699092	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	480788	79.70	ng	0.00
7) Phenol-d6	7.21	99	696775	79.49	ng	0.00
23) Nitrobenzene-d5	9.22	82	673972	74.88	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	277515	76.23	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1453014	74.84	ng	0.00
79) Terphenyl-d14	20.05	244	2323981	74.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	116071	39.954	ng	97
3) Pyridine	3.92	79	338917	39.408	ng	92
4) n-Nitrosodimethylamine	3.83	42	149073	45.685	ng	# 89
6) Aniline	7.38	93	437687	40.130	ng	98
8) 2-Chlorophenol	7.62	128	239579	39.782	ng	97
9) Benzaldehyde	7.19	77	202770	37.261	ng	98
10) Phenol	7.24	94	344658	39.717	ng	98
11) bis(2-Chloroethyl)ether	7.47	93	264751	38.228	ng	97
12) 1,3-Dichlorobenzene	7.95	146	291627	39.310	ng	98
13) 1,4-Dichlorobenzene	8.09	146	291608	39.760	ng	96
14) 1,2-Dichlorobenzene	8.42	146	269980	38.814	ng	96
15) Benzyl Alcohol	8.29	79	285859	40.647	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.59	45	510680	41.784	ng	98
17) 2-Methylphenol	8.49	107	229258	39.002	ng	94
18) Hexachloroethane	9.15	117	117506	40.695	ng	97
19) n-Nitroso-di-n-propylamine	8.87	70	238663	38.561	ng	96
20) 3+4-Methylphenols	8.82	107	323088	39.872	ng	99
22) Acetophenone	8.87	105	408324	36.491	ng	97
24) Nitrobenzene	9.26	77	351119	37.595	ng	94
25) Isophorone	9.79	82	648365	36.908	ng	100
26) 2-Nitrophenol	9.97	139	120727	38.471	ng	97
27) 2,4-Dimethylphenol	10.03	122	217273	37.979	ng	98
28) bis(2-Chloroethoxy)methane	10.27	93	387059	36.920	ng	99
29) 2,4-Dichlorophenol	10.50	162	253961	38.007	ng	97
30) 1,2,4-Trichlorobenzene	10.73	180	300319	37.588	ng	93
31) Naphthalene	10.92	128	839596	38.373	ng	100
32) Benzoic acid	10.17	122	159362	38.224	ng	95
33) 4-Chloroaniline	11.01	127	377286	38.274	ng	98
34) Hexachlorobutadiene	11.21	225	201620	38.373	ng	97
35) Caprolactam	11.79	113	99894	39.485	ng	96
36) 4-Chloro-3-methylphenol	12.13	107	306838	38.502	ng	99
37) 2-Methylnaphthalene	12.52	142	631375	38.576	ng	98
38) 1-Methylnaphthalene	12.74	142	584473	37.985	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	333208	36.392	ng	100

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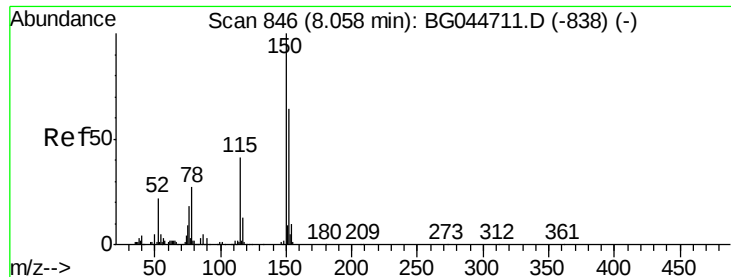
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	179487	35.870	nq	97
43) 2,4,6-Trichlorophenol	13.12	196	231144	38.039	nq	99
44) 2,4,5-Trichlorophenol	13.19	196	236305	37.499	nq	98
46) 1,1'-Biphenyl	13.53	154	827646	37.252	nq	99
47) 2-Chloronaphthalene	13.57	162	626833	36.933	nq	98
48) 2-Nitroaniline	13.76	65	231928	39.033	nq	99
49) Acenaphthylene	14.41	152	992998	37.346	nq	99
50) Dimethylphthalate	14.14	163	838797	37.881	nq	99
51) 2,6-Dinitrotoluene	14.25	165	171363	38.393	nq	91
52) Acenaphthene	14.76	154	662573	38.049	nq	99
53) 3-Nitroaniline	14.58	138	197943	38.574	nq	97
54) 2,4-Dinitrophenol	14.78	184	76320	37.641	nq	93
55) Dibenzofuran	15.09	168	964400	38.191	nq	98
56) 4-Nitrophenol	14.88	139	152254	38.877	nq	88
57) 2,4-Dinitrotoluene	15.04	165	236796	38.683	nq	# 97
58) Fluorene	15.74	166	794886	38.266	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.31	232	223904m	38.593	nq	
60) Diethylphthalate	15.51	149	900208	38.978	nq	98
61) 4-Chlorophenyl-phenylether	15.73	204	423714	37.882	nq	99
62) 4-Nitroaniline	15.74	138	220570	40.310	nq	97
63) Azobenzene	16.03	77	933050	38.904	nq	97
65) 4,6-Dinitro-2-methylphenol	15.81	198	107490	37.567	nq	99
66) n-Nitrosodiphenylamine	15.94	169	714915	36.972	nq	97
67) 4-Bromophenyl-phenylether	16.62	248	296759	36.960	nq	98
68) Hexachlorobenzene	16.75	284	317767	36.479	nq	96
69) Atrazine	16.89	200	277824	39.216	nq	99
70) Pentachlorophenol	17.08	266	191311	39.916	nq	97
71) Phenanthrene	17.48	178	1315383	38.325	nq	98
72) Anthracene	17.57	178	1301498	38.457	nq	99
73) Carbazole	17.83	167	1269935	39.064	nq	99
74) Di-n-butylphthalate	18.41	149	1566728	39.646	nq	99
75) Fluoranthene	19.49	202	1625991	39.789	nq	99
77) Benzidine	19.66	184	775951	40.930	nq	99
78) Pyrene	19.84	202	1624544	37.917	nq	99
80) Butylbenzylphthalate	20.74	149	726912	38.137	nq	98
81) Benzo(a)anthracene	21.69	228	1600814	38.069	nq	100
82) 3,3'-Dichlorobenzidine	21.60	252	636156	39.105	nq	99
83) Chrysene	21.75	228	1531426	38.126	nq	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	1011249	38.442	nq	99
85) Di-n-octyl phthalate	22.85	149	1734160	39.395	nq	100
86) Indeno(1,2,3-cd)pyrene	28.59	276	2046300	38.858	nq	# 95
88) Benzo(b)fluoranthene	23.91	252	1748739	37.891	nq	98
89) Benzo(k)fluoranthene	23.98	252	1669258	38.219	nq	98
90) Benzo(a)pyrene	24.78	252	1646582	38.128	nq	99
91) Dibenzo(a,h)anthracene	28.66	278	1633942	38.351	nq	99
92) Benzo(g,h,i)perylene	29.74	276	1637994	38.053	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG044718.D

Acq: 11 Mar 2020 12:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 93912

Ion Ratio Lower Upper

152 100

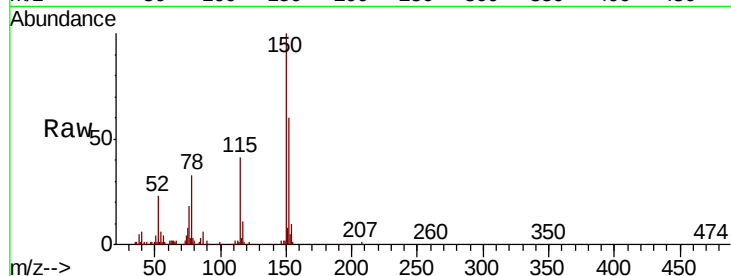
150 167.5 125.3 187.9

115 68.1 51.7 77.5

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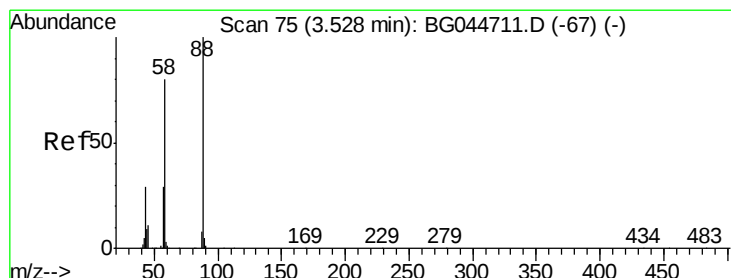
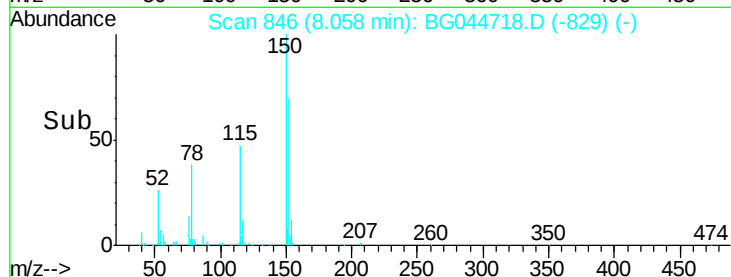
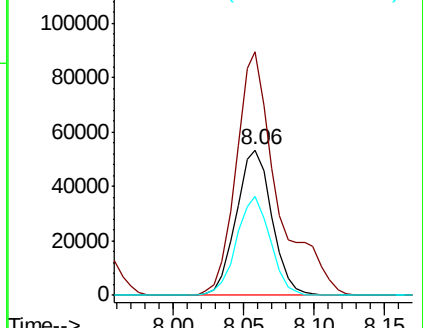
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.954 ng

RT: 3.53 min Scan# 75

Delta R.T. -0.00 min

Lab File: BG044718.D

Acq: 11 Mar 2020 12:30

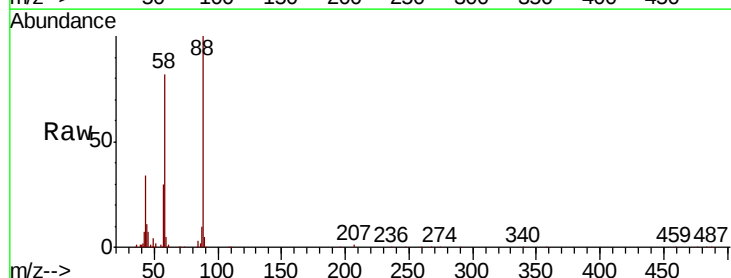
Tgt Ion: 88 Resp: 116071

Ion Ratio Lower Upper

88 100

58 80.0 63.0 94.4

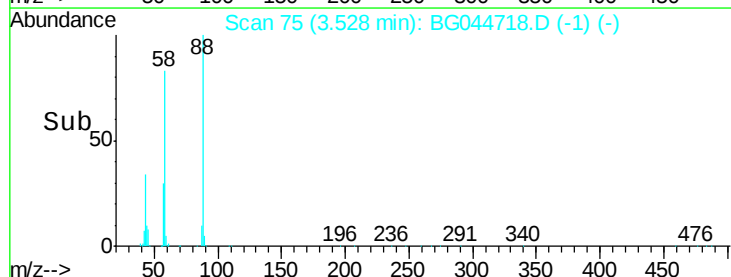
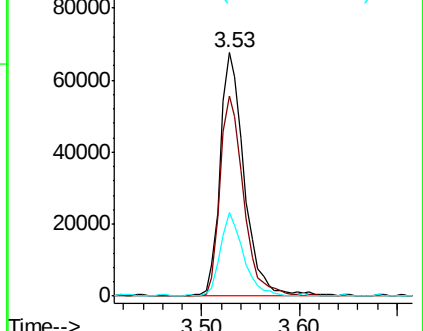
43 33.2 23.2 34.8

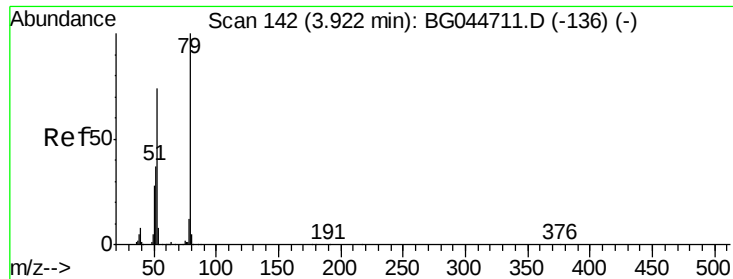


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 39.408 ng

RT: 3.92 min Scan# 142

Delta R.T. -0.00 min

Lab File: BG044718.D

Acq: 11 Mar 2020 12:30

Instrument :

BNA_G

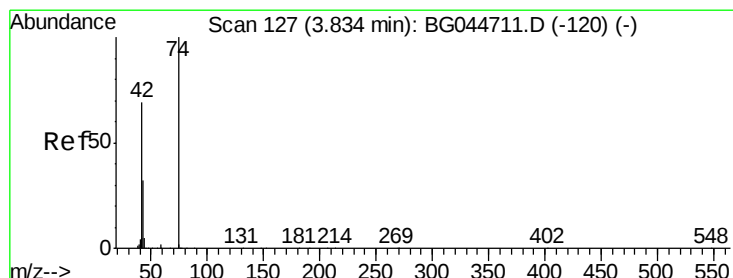
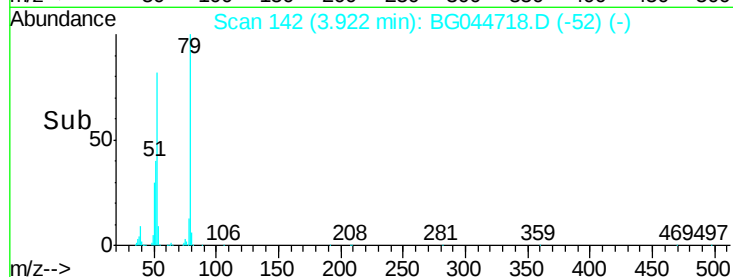
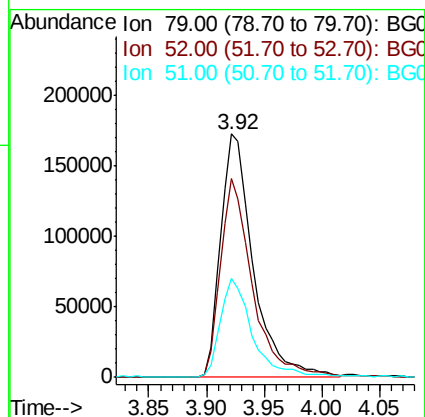
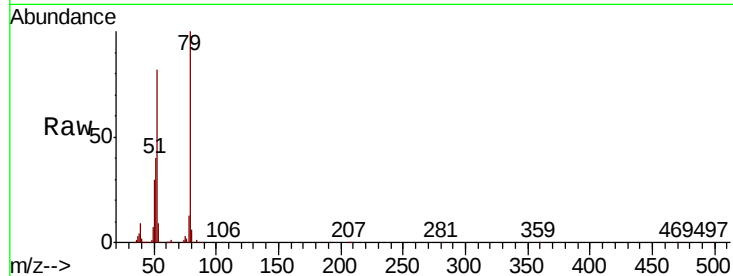
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	338917
Ion Ratio	Lower	Upper	
79	100		
52	81.9	59.4	89.2
51	40.5	29.7	44.5

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#4

n-Nitrosodimethylamine

Concen: 45.685 ng

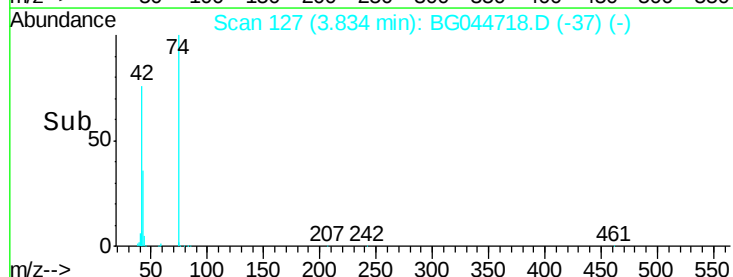
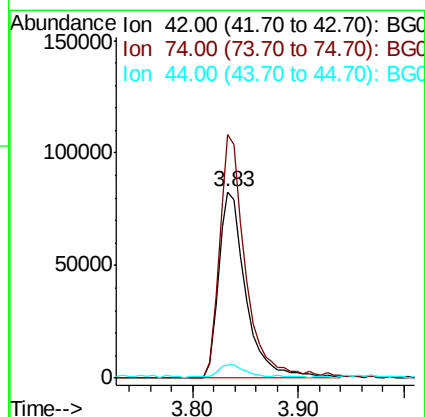
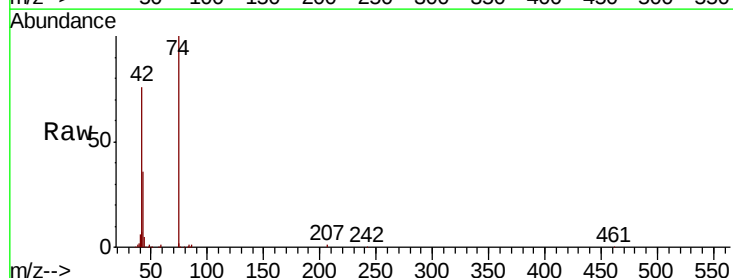
RT: 3.83 min Scan# 127

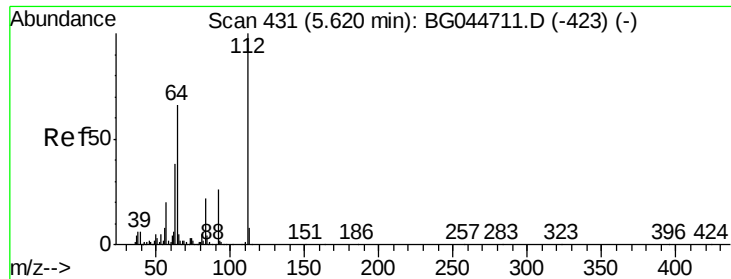
Delta R.T. -0.00 min

Lab File: BG044718.D

Acq: 11 Mar 2020 12:30

Tgt Ion:	42	Resp:	149073
Ion Ratio	Lower	Upper	
42	100		
74	130.8	116.1	174.1
44	6.9	7.1	10.7#





#5

2-Fluorophenol

Concen: 79.696 ng

RT: 5.62 min Scan# 431

Delta R.T. -0.00 min

Lab File: BG044718.D

Acq: 11 Mar 2020 12:30

Instrument :

BNA_G

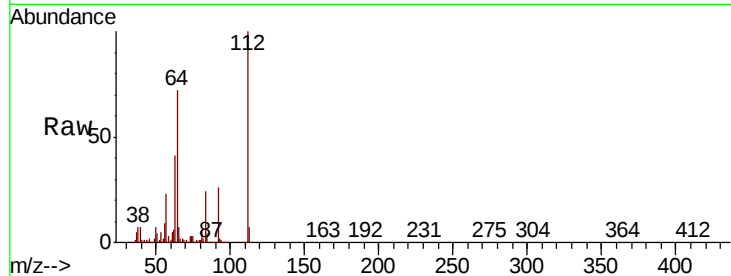
ClientSampleId :

SSTDCCC040

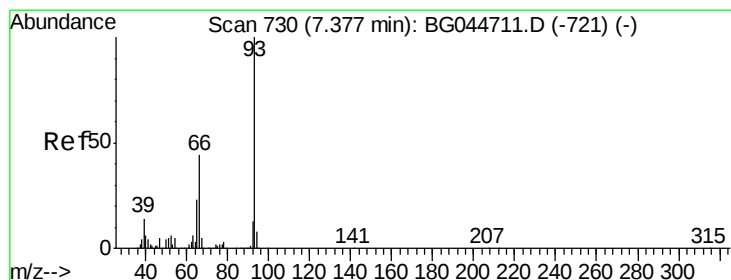
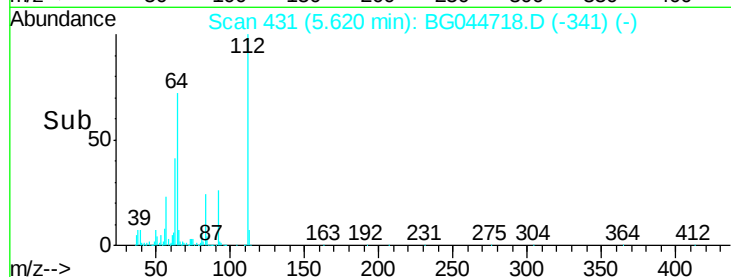
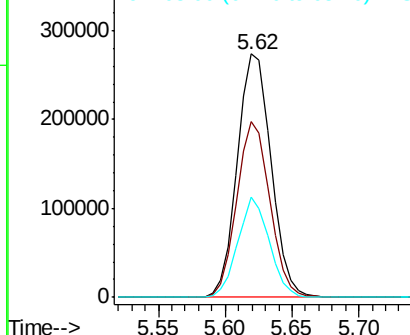
Tot Ion:	112	Resp:	480788
Ion Ratio	Lower	Upper	
112	100		
64	72.0	52.6	78.8
63	41.4	30.2	45.4

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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 40.130 ng

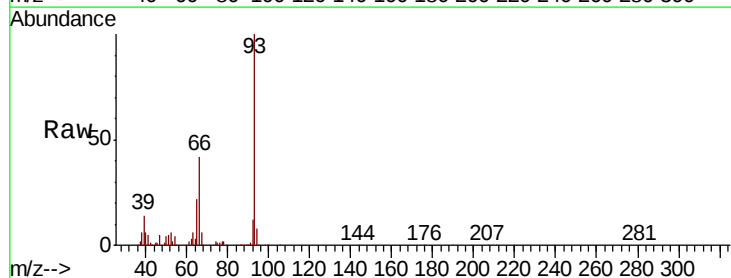
RT: 7.38 min Scan# 730

Delta R.T. -0.00 min

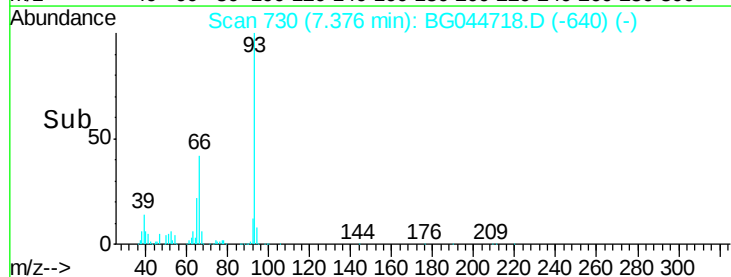
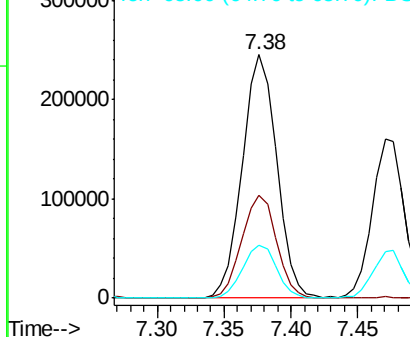
Lab File: BG044718.D

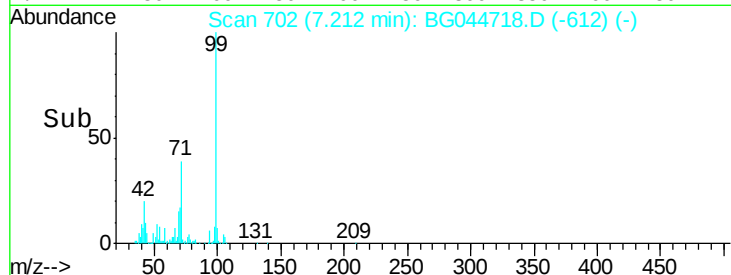
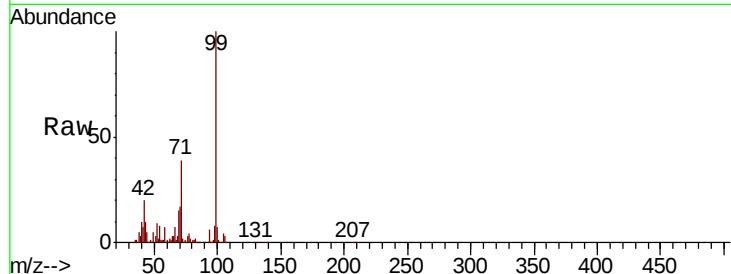
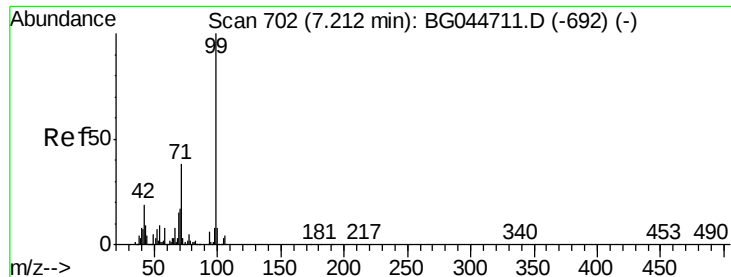
Acq: 11 Mar 2020 12:30

Tgt Ion:	93	Resp:	437687
Ion Ratio	Lower	Upper	
93	100		
66	42.4	35.3	52.9
65	21.8	18.2	27.4



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 79.493 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG044718.D

Acq: 11 Mar 2020 12:30

Tot Ion:	99	Resp:	696775
Ion	Ratio	Lower	Upper
99	100		
42	20.4	15.4	23.0
71	39.4	30.2	45.4

Instrument :

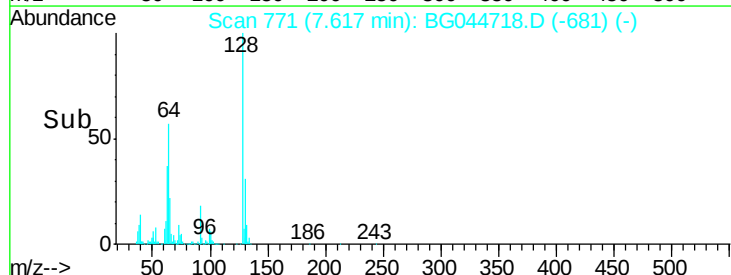
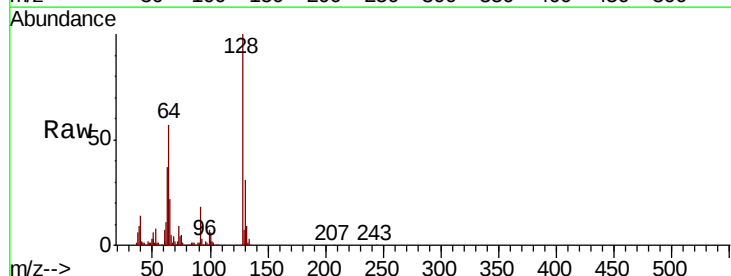
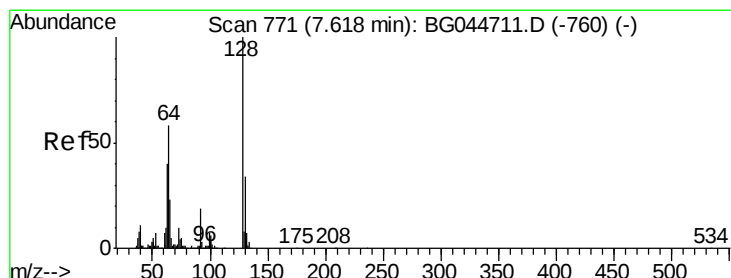
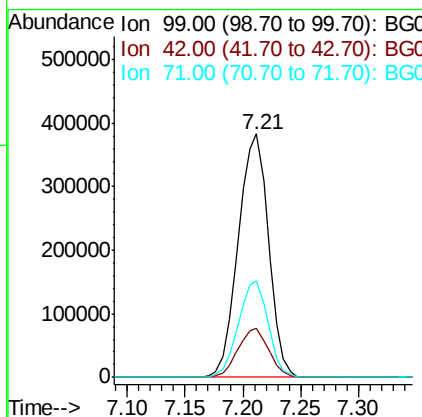
BNA_G

ClientSampleId :

SSTDCCC040

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#8

2-Chlorophenol

Concen: 39.782 ng

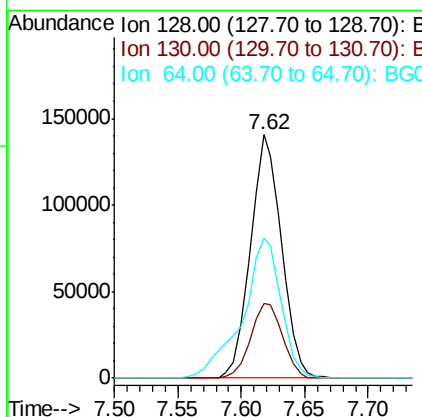
RT: 7.62 min Scan# 771

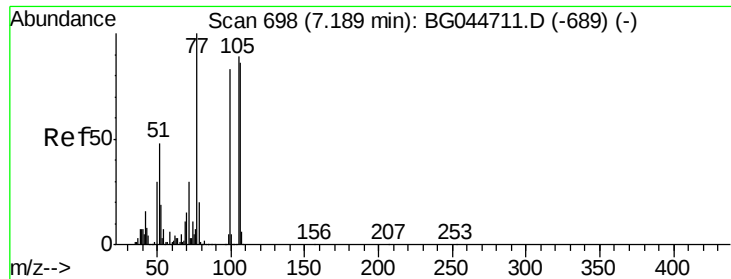
Delta R.T. -0.00 min

Lab File: BG044718.D

Acq: 11 Mar 2020 12:30

Tgt Ion:	128	Resp:	239579
Ion	Ratio	Lower	Upper
128	100		
130	30.5	13.6	53.6
64	57.5	38.6	78.6





#9

Benzaldehyde

Concen: 37.261 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG044718.D

Acq: 11 Mar 2020 12:30

Instrument :

BNA_G

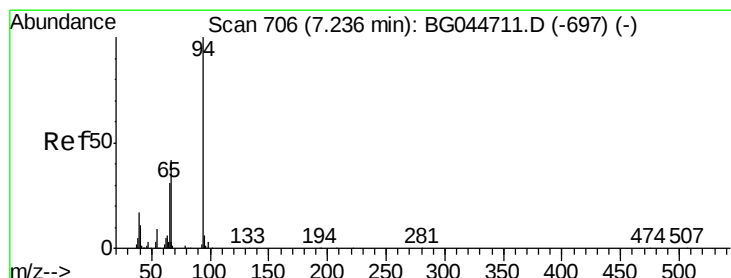
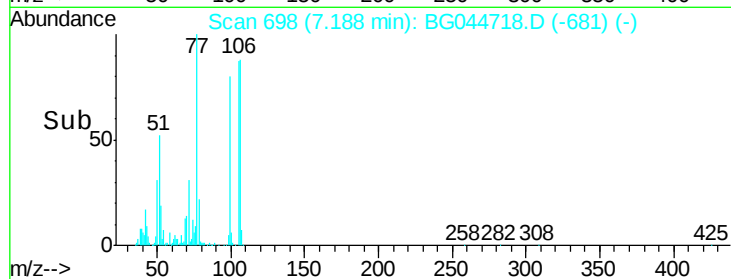
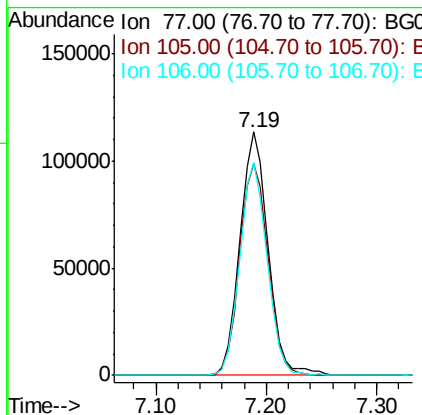
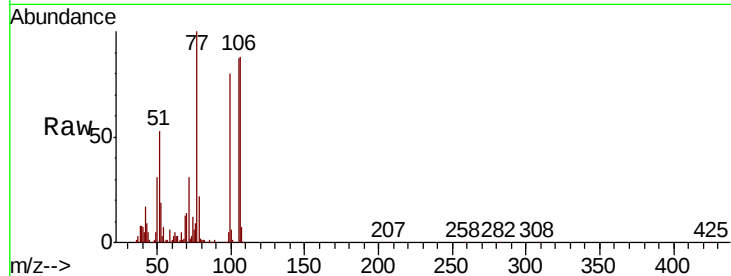
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Tot Ion	77	Resp	202770
Ion	Ratio	Lower	Upper
77	100		
105	86.8	68.6	108.6
106	87.5	65.9	105.9

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#10

Phenol

Concen: 39.717 ng

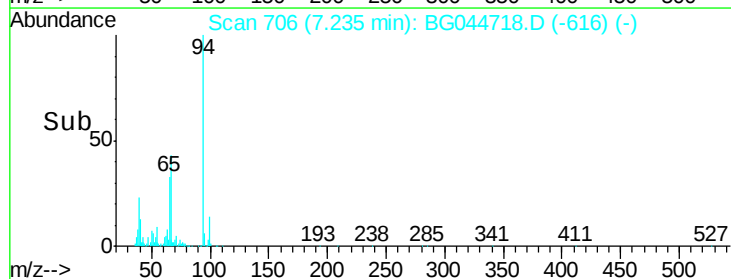
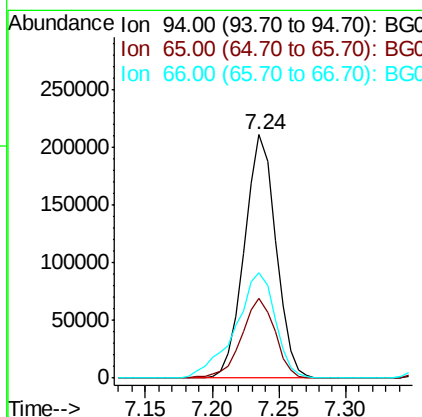
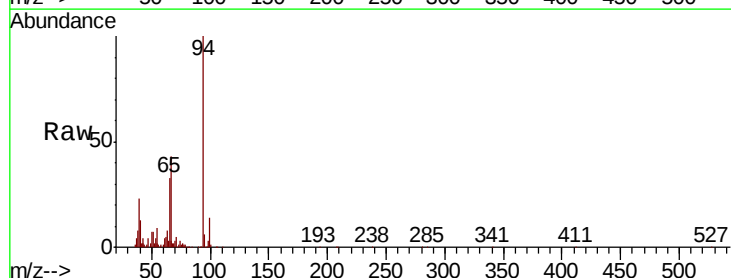
RT: 7.24 min Scan# 706

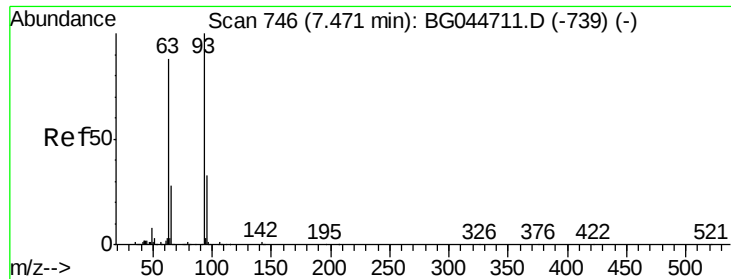
Delta R.T. -0.00 min

Lab File: BG044718.D

Acq: 11 Mar 2020 12:30

Tgt Ion	94	Resp	344658
Ion	Ratio	Lower	Upper
94	100		
65	33.0	11.3	51.3
66	43.1	22.9	62.9





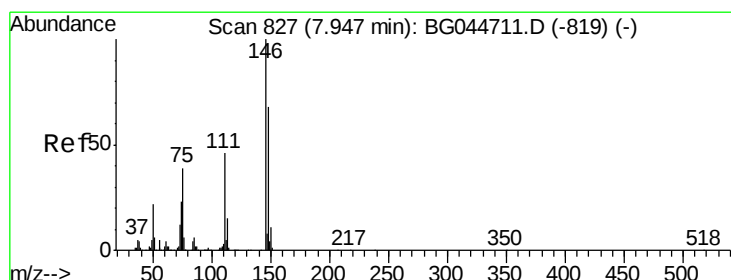
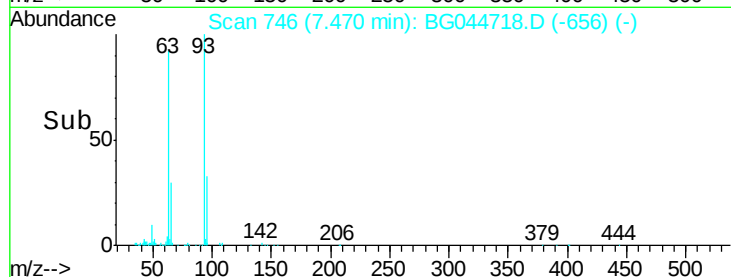
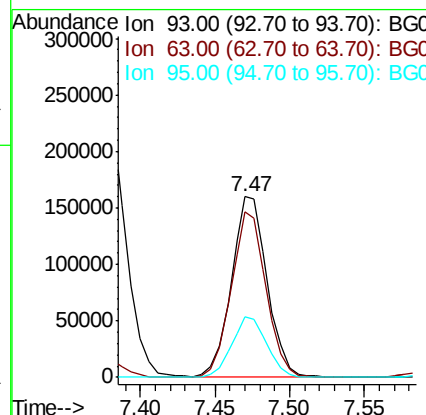
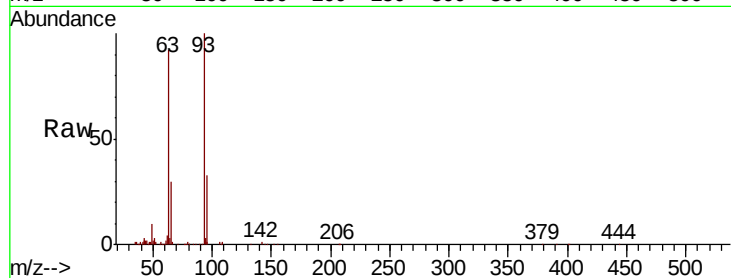
#11
bis(2-Chloroethyl)ether
Concen: 38.228 ng
RT: 7.47 min Scan# 746
Delta R.T. -0.00 min
Lab File: BG044718.D
Acq: 11 Mar 2020 12:30

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		264751		
63	91.8	68.1	108.1		
95	33.3	12.4	52.4		

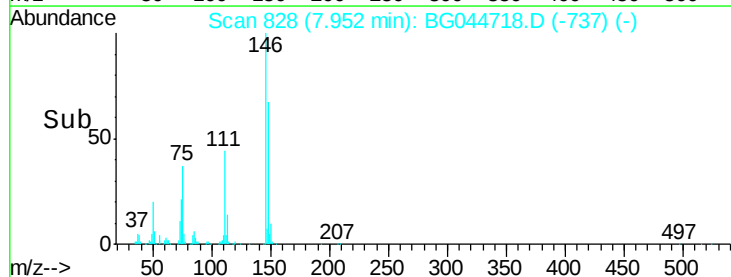
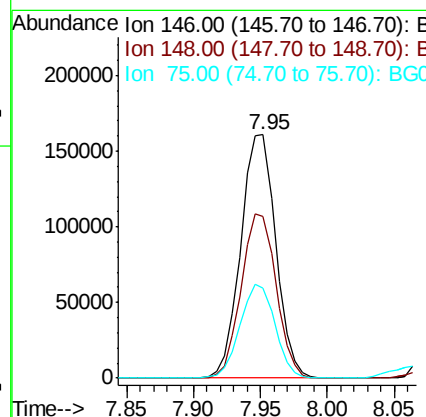
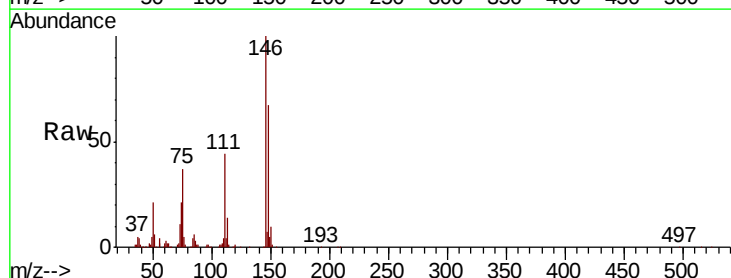
Manual Integrations
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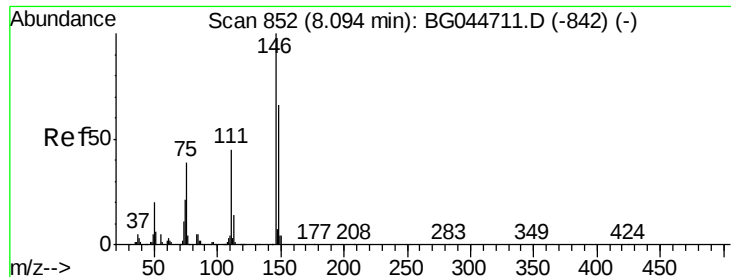
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.310 ng
RT: 7.95 min Scan# 828
Delta R.T. 0.01 min
Lab File: BG044718.D
Acq: 11 Mar 2020 12:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		291627		
148	66.5	54.2	81.2		
75	37.0	31.3	46.9		





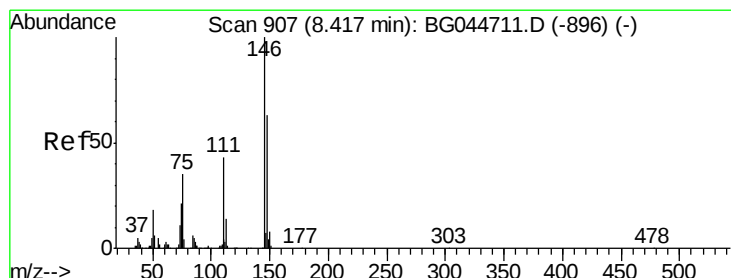
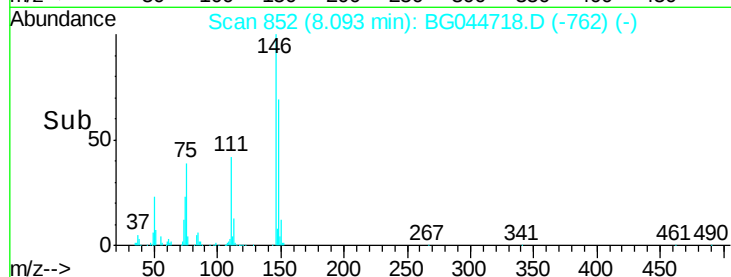
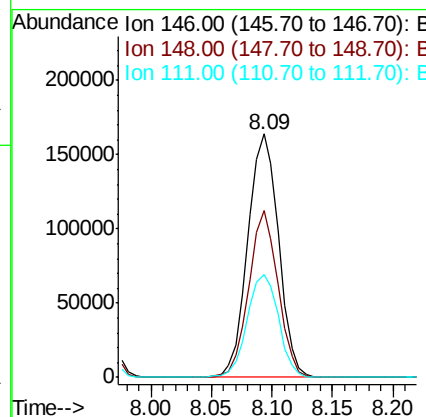
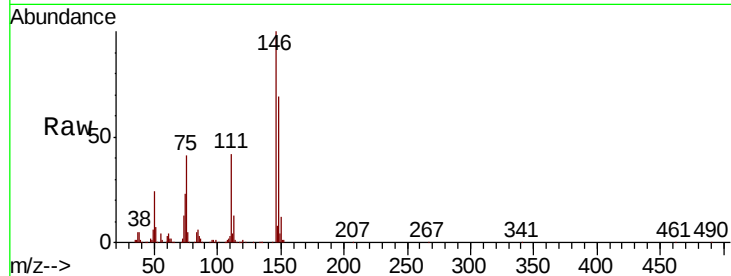
#13
 1,4-Dichlorobenzene
 Concen: 39.760 ng
 RT: 8.09 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BG044718.D
 Acq: 11 Mar 2020 12:30

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	68.8	52.9	79.3
111	42.0	35.6	53.4

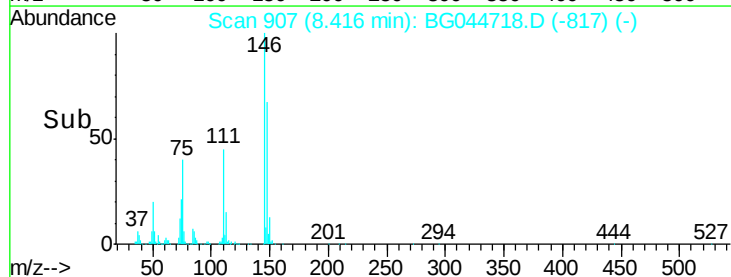
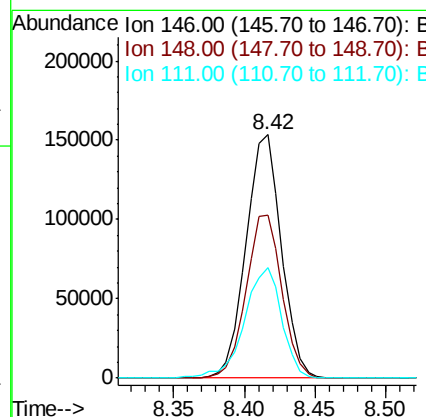
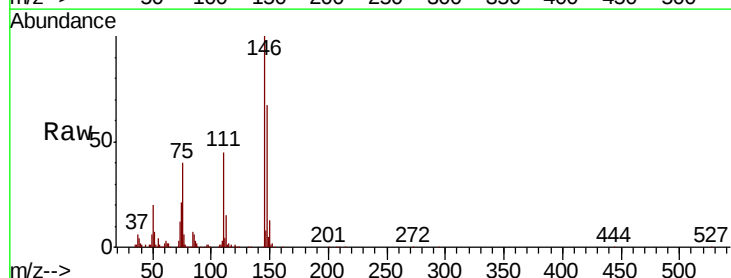
Manual Integrations
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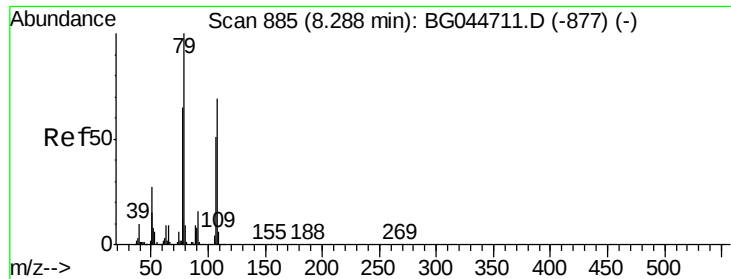
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 38.814 ng
 RT: 8.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BG044718.D
 Acq: 11 Mar 2020 12:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.0	50.8	76.2
111	45.2	34.8	52.2





#15

Benzyl Alcohol

Concen: 40.647 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.00 min

Lab File: BG044718.D

Acq: 11 Mar 2020 12:30

Instrument :

BNA_G

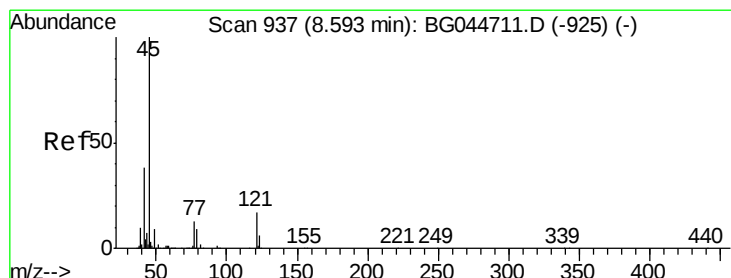
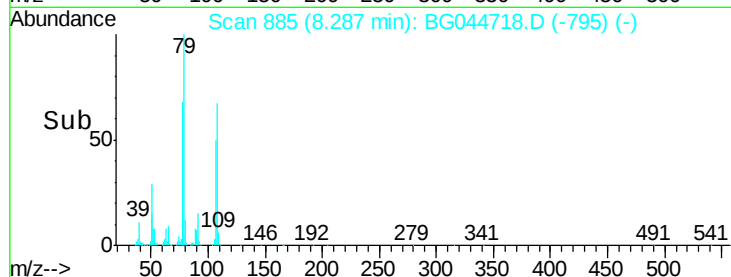
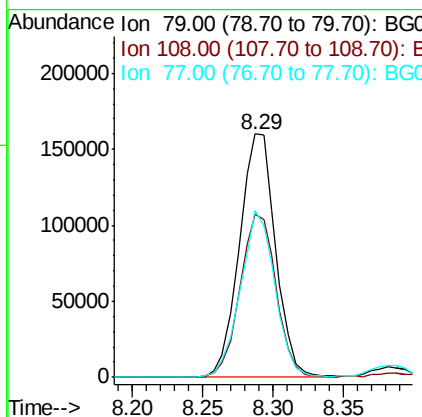
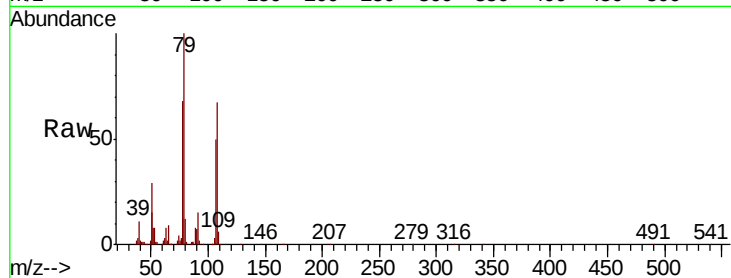
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	285859
Ion	Ratio	Lower	Upper
79	100		
108	67.0	55.4	83.0
77	68.3	52.2	78.4

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.784 ng

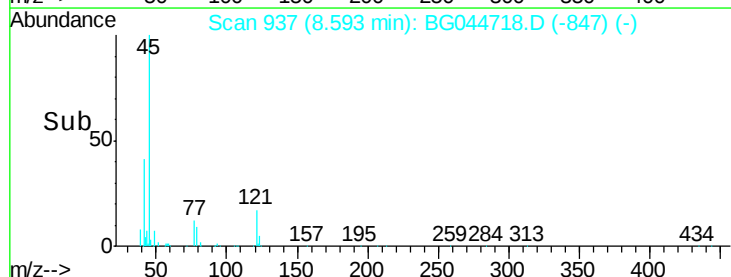
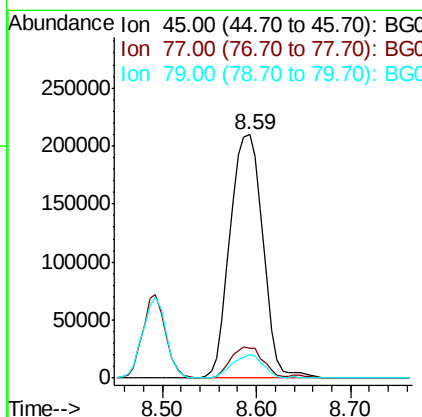
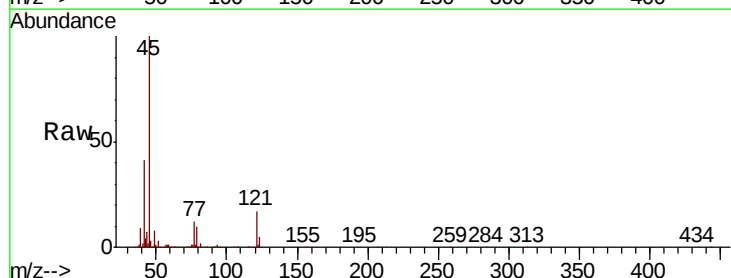
RT: 8.59 min Scan# 937

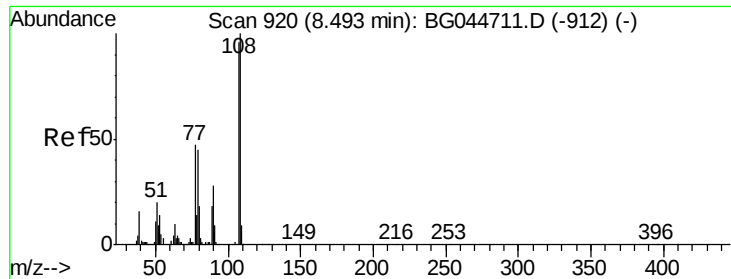
Delta R.T. -0.00 min

Lab File: BG044718.D

Acq: 11 Mar 2020 12:30

Tgt Ion:	45	Resp:	510680
Ion	Ratio	Lower	Upper
45	100		
77	12.4	0.0	33.4
79	9.7	0.0	30.0





#17

2-Methylphenol

Concen: 39.002 ng

RT: 8.49 min Scan# 920

Delta R.T. -0.00 min

Lab File: BG044718.D

Acq: 11 Mar 2020 12:30

Instrument :

BNA_G

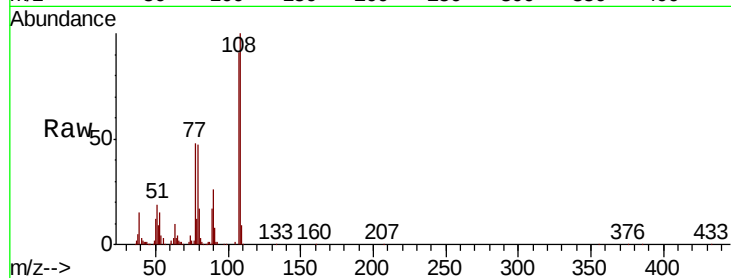
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.6	83.2	124.8	
77	53.0	39.0	58.6	
79	51.2	37.6	56.4	

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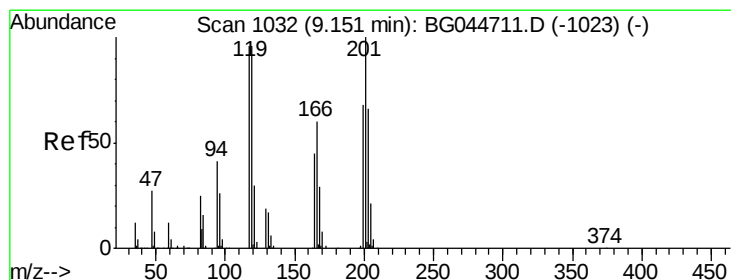
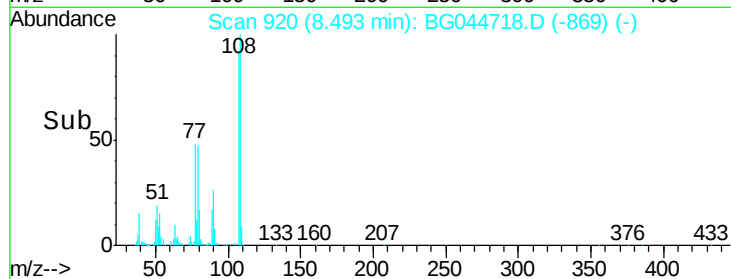
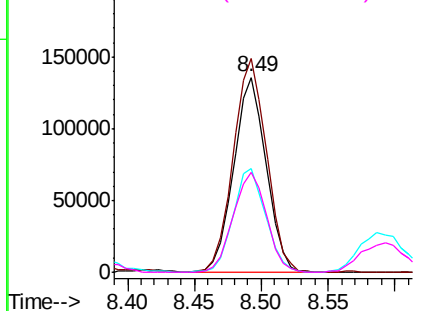
Abundance

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: 40.695 ng

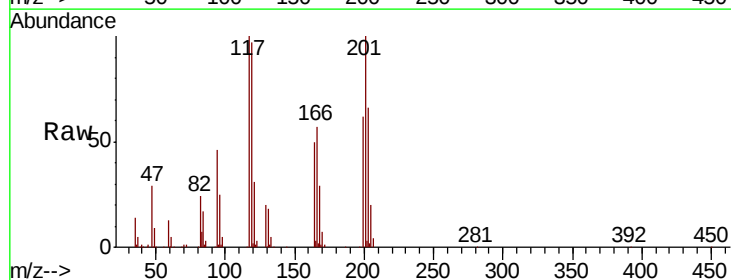
RT: 9.15 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BG044718.D

Acq: 11 Mar 2020 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.7	80.2	120.4	
201	100.0	83.4	125.2	

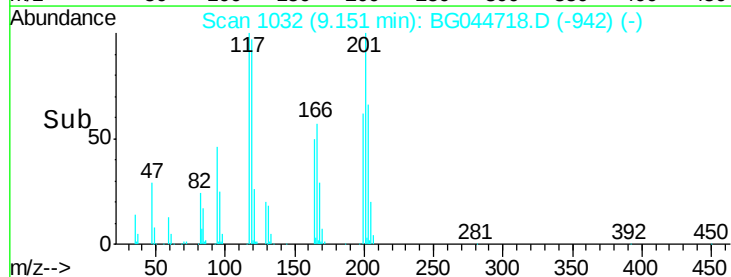
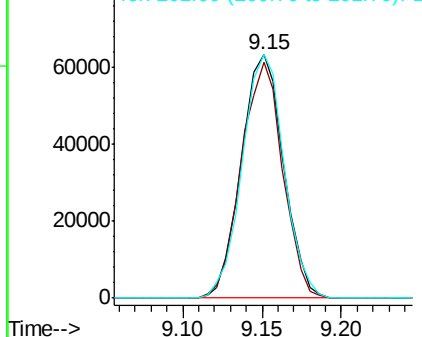


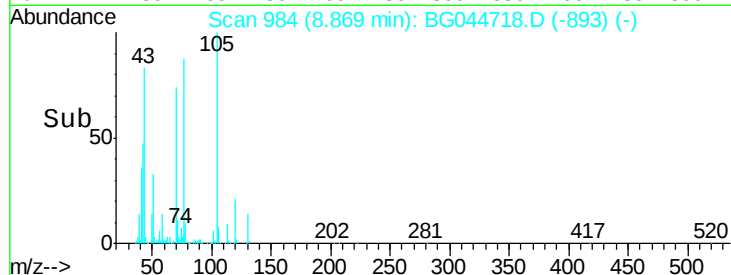
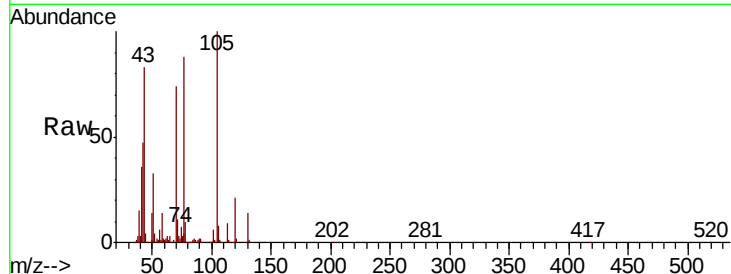
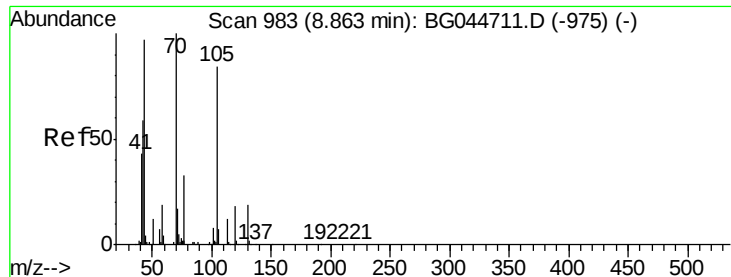
Abundance

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





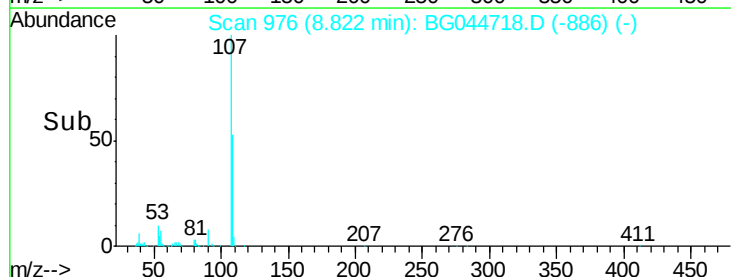
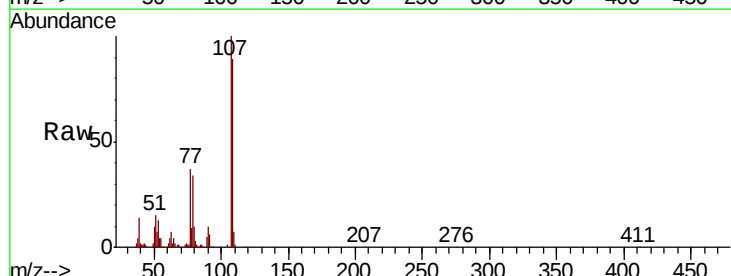
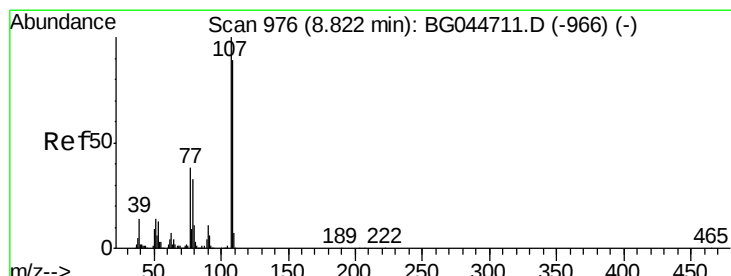
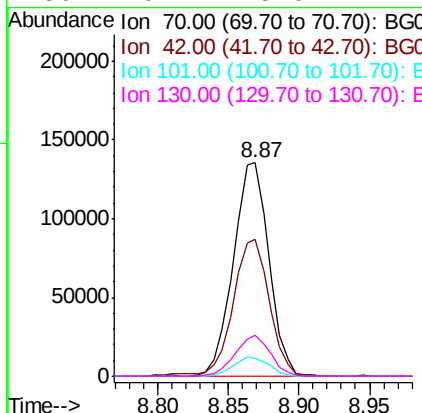
#19
n-Nitroso-di-n-propylamine
Concen: 38.561 ng
RT: 8.87 min Scan# 984
Delta R.T. 0.01 min
Lab File: BG044718.D
Acq: 11 Mar 2020 12:30

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	63.8	47.6	71.4	
101	8.4	6.5	9.7	
130	19.2	15.0	22.4	

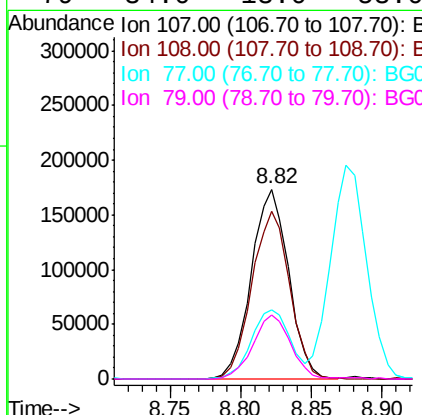
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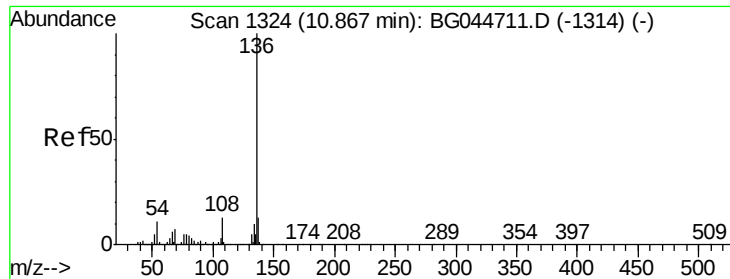
mohammad
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#20
3+4-Methylphenols
Concen: 39.872 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.00 min
Lab File: BG044718.D
Acq: 11 Mar 2020 12:30

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.6	69.1	109.1	
77	36.8	17.7	57.7	
79	34.0	13.0	53.0	





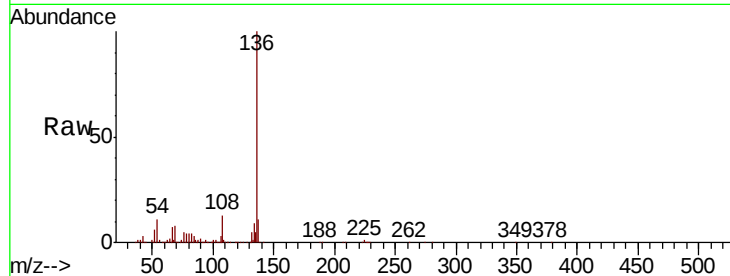
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG044718.D
Acq: 11 Mar 2020 12:30

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

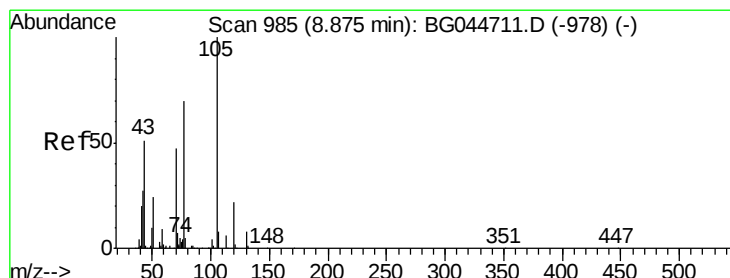
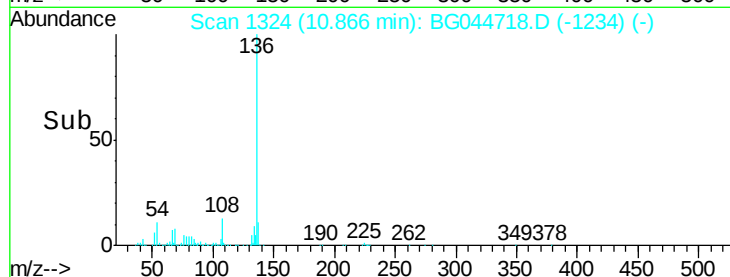
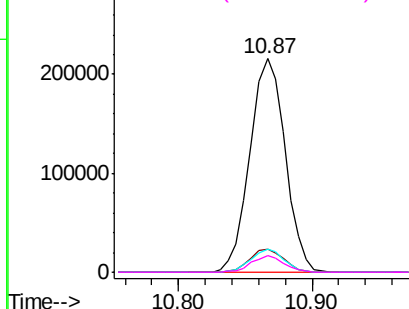
Tot Ion	Ratio	Resp	Lower	Upper
136	100	394975		
137	10.5		10.7	16.1#
54	10.7		9.0	13.4
68	7.9		5.9	8.9

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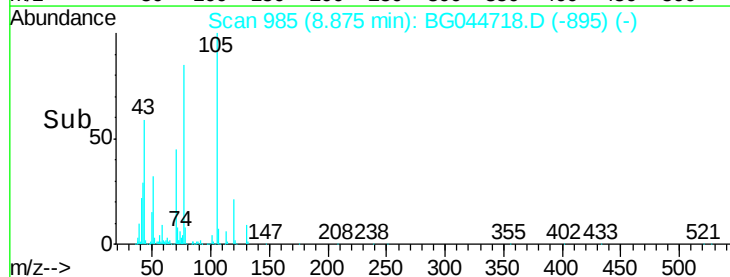
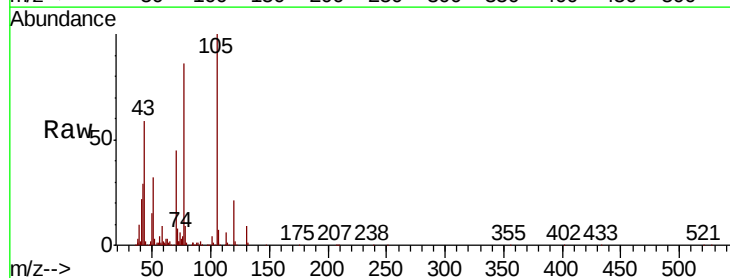
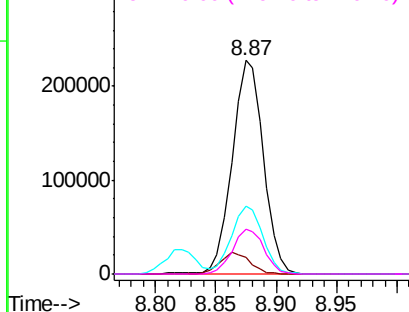
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

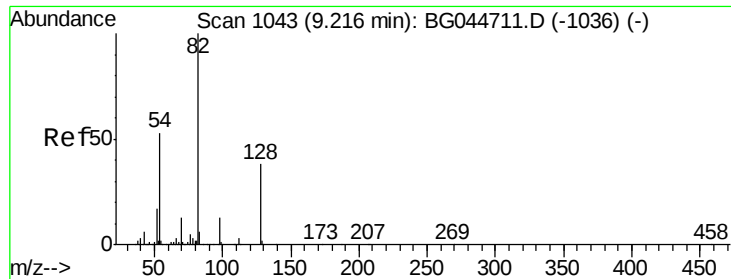


#22
Acetophenone
Concen: 36.491 ng
RT: 8.87 min Scan# 985
Delta R.T. -0.00 min
Lab File: BG044718.D
Acq: 11 Mar 2020 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	408324		
71	7.7		5.8	8.8
51	32.0		23.8	35.8
120	21.1		17.3	25.9

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BG
Ion 51.00 (50.70 to 51.70): BG
Ion 120.00 (119.70 to 120.70): E





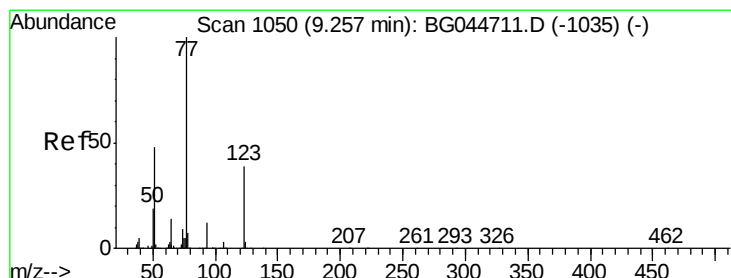
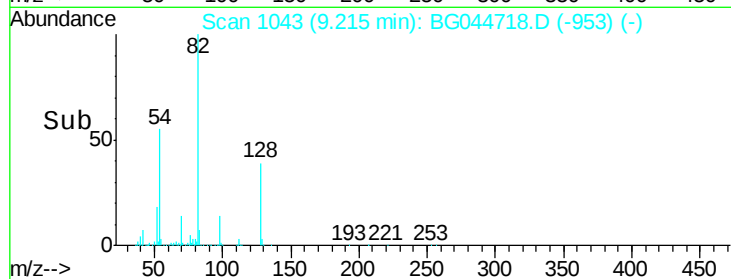
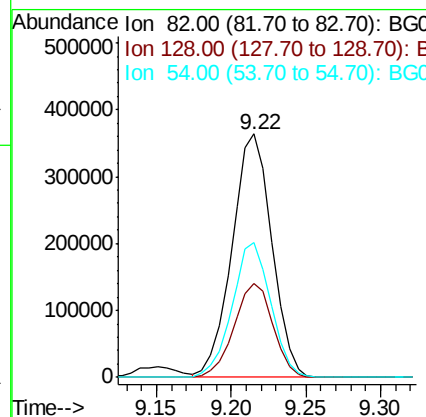
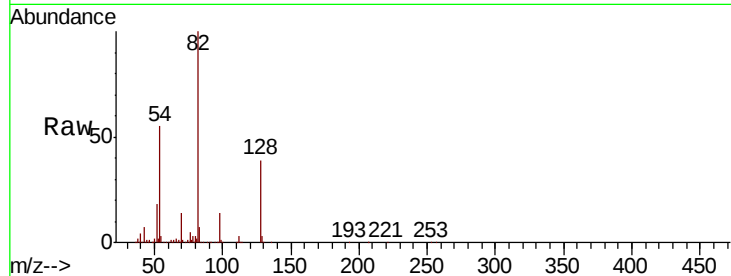
#23
 Nitrobenzene-d5
 Concen: 74.878 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BG044718.D
 Acq: 11 Mar 2020 12:30

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.7	30.2	45.2
54	55.2	41.8	62.8

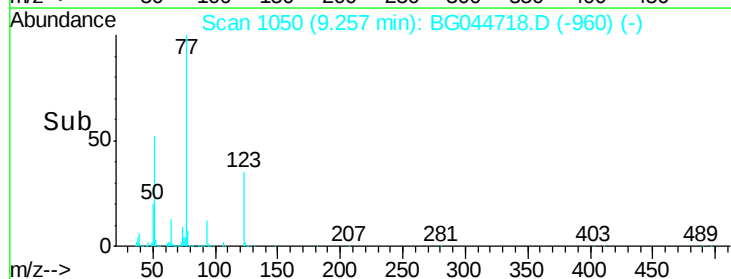
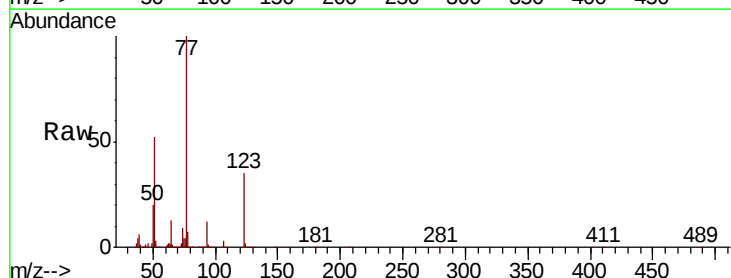
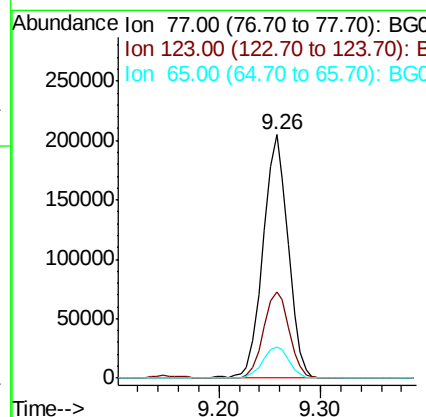
Manual Integrations
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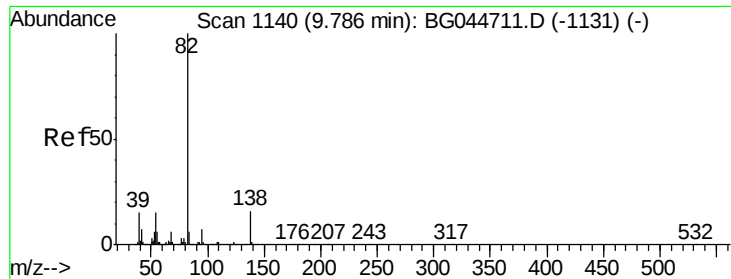
mohammad
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#24
 Nitrobenzene
 Concen: 37.595 ng
 RT: 9.26 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: BG044718.D
 Acq: 11 Mar 2020 12:30

Tgt Ion	Ratio	Lower	Upper
77	100		
123	35.4	31.5	47.3
65	12.6	11.0	16.4





#25

Isophorone

Concen: 36.908 ng

RT: 9.79 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BG044718.D

Acq: 11 Mar 2020 12:30

Instrument :

BNA_G

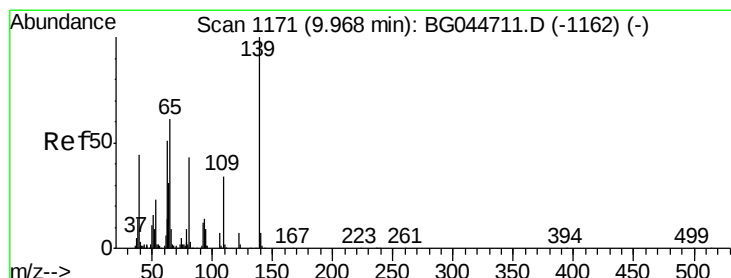
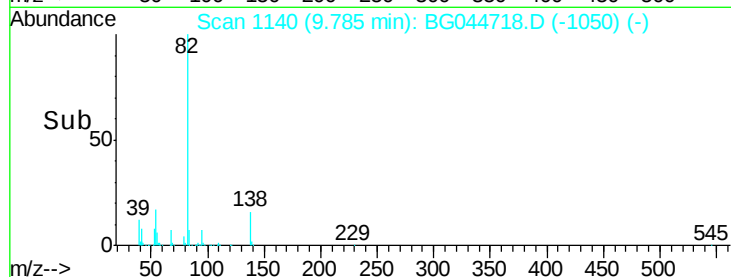
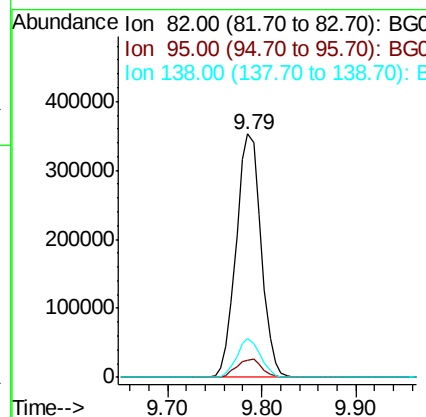
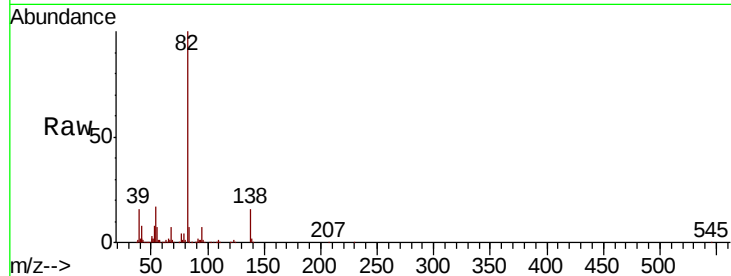
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	648365
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.6	8.4
138	16.1	13.0	19.4

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#26

2-Nitrophenol

Concen: 38.471 ng

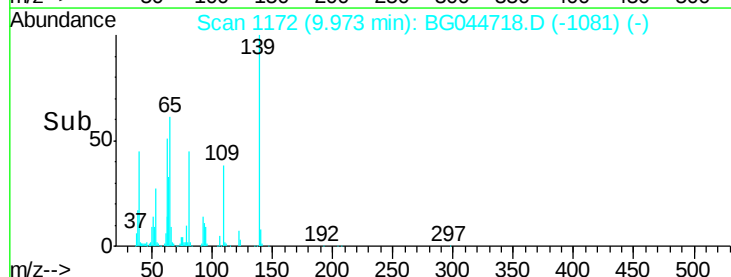
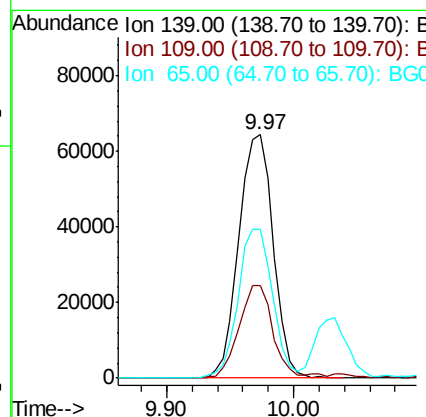
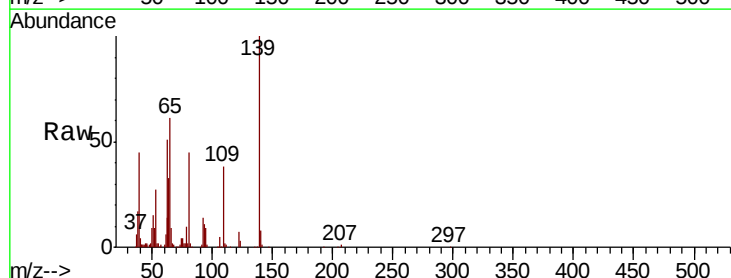
RT: 9.97 min Scan# 1172

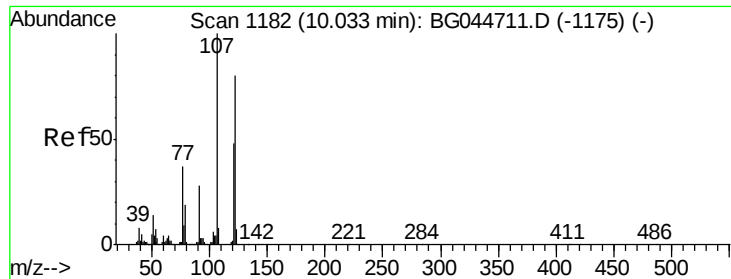
Delta R.T. 0.01 min

Lab File: BG044718.D

Acq: 11 Mar 2020 12:30

Tgt Ion:	139	Resp:	120727
Ion Ratio	Lower	Upper	
139	100		
109	38.0	27.0	40.4
65	61.3	48.6	73.0





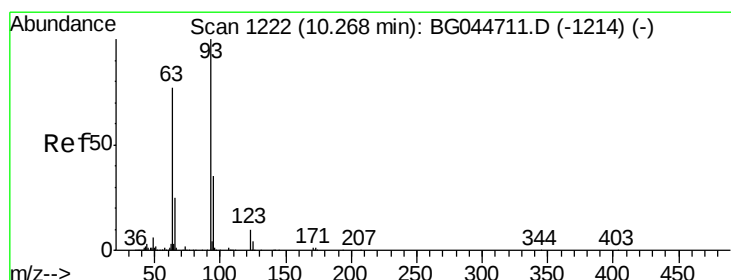
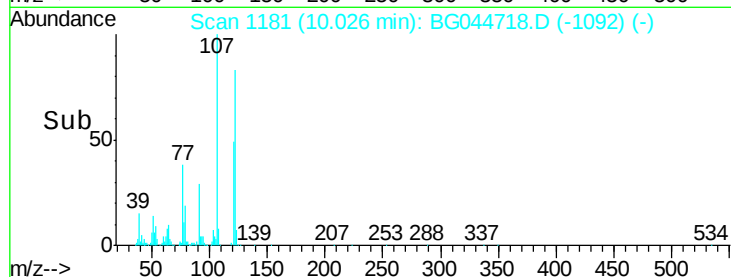
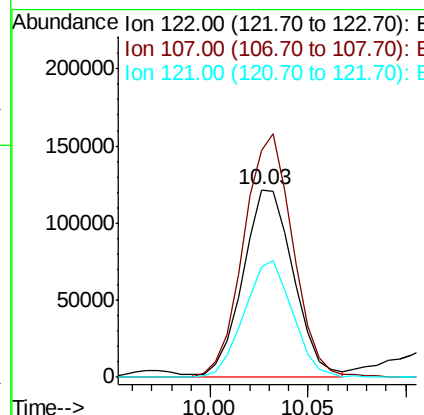
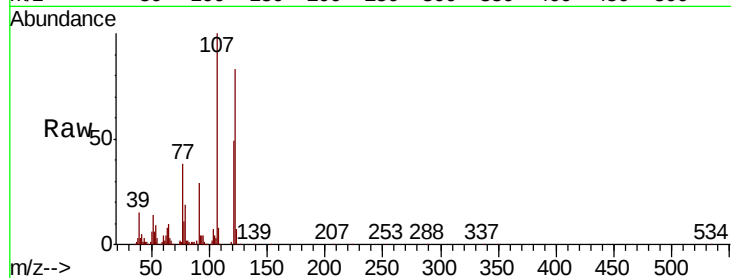
#27
2,4-Dimethylphenol
Concen: 37.979 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BG044718.D
Acq: 11 Mar 2020 12:30

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.0	99.0	148.6
121	58.8	47.6	71.4

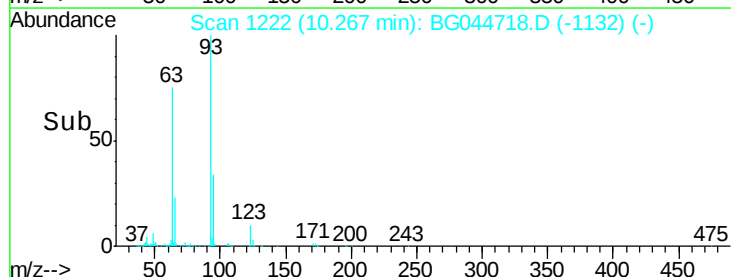
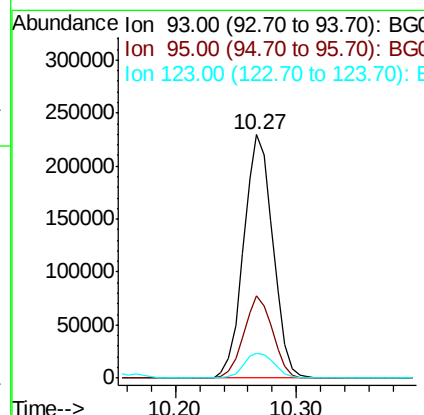
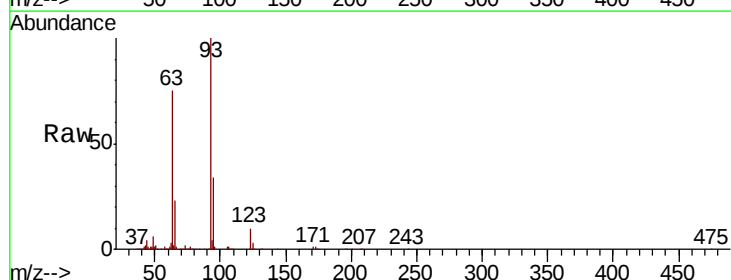
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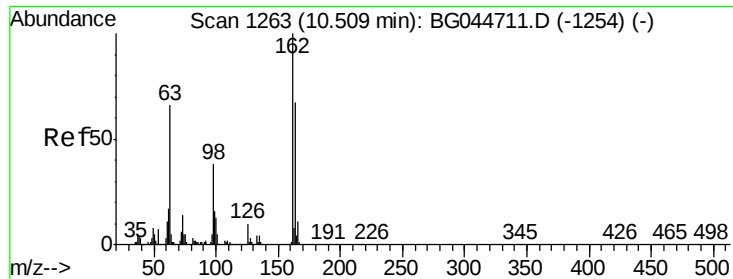
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#28
bis(2-Chloroethoxy)methane
Concen: 36.920 ng
RT: 10.27 min Scan# 1222
Delta R.T. -0.00 min
Lab File: BG044718.D
Acq: 11 Mar 2020 12:30

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.9	27.7	41.5
123	10.2	8.1	12.1





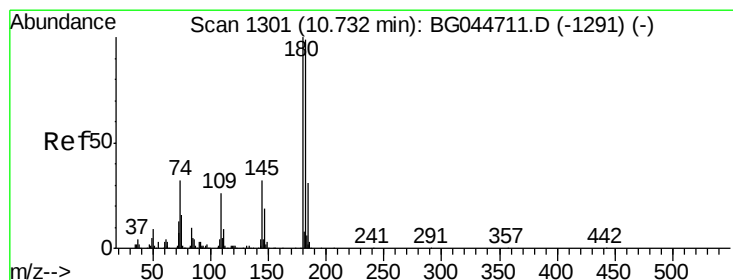
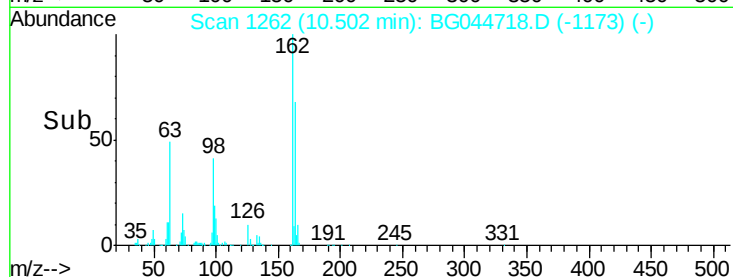
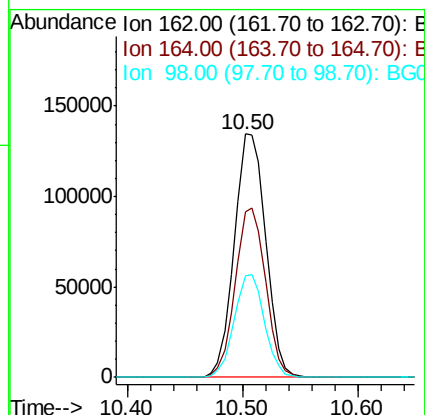
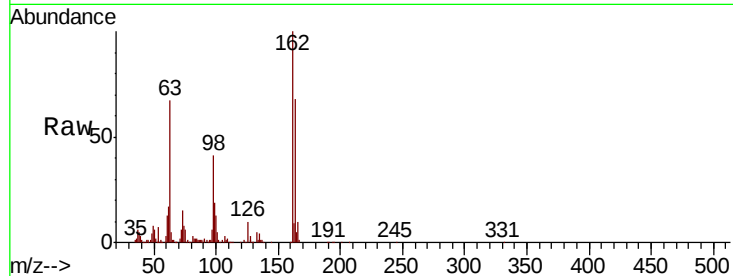
#29
2,4-Dichlorophenol
Concen: 38.007 ng
RT: 10.50 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BG044718.D
Acq: 11 Mar 2020 12:30

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	68.0	46.5	86.5
98	41.5	18.1	58.1

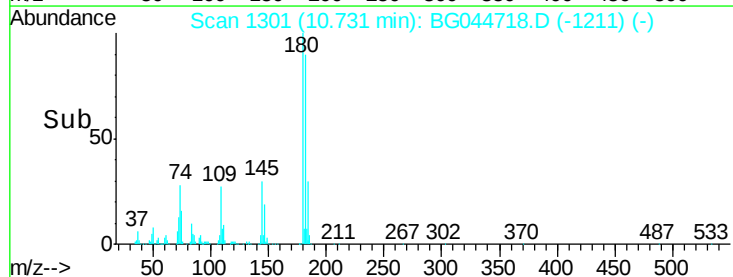
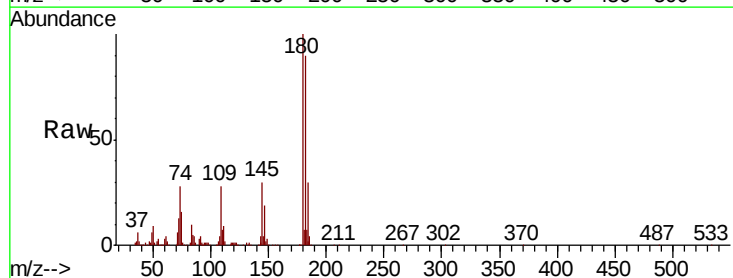
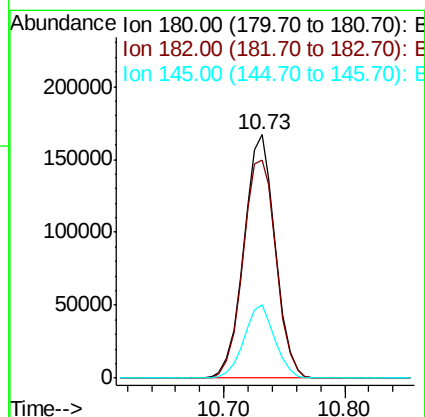
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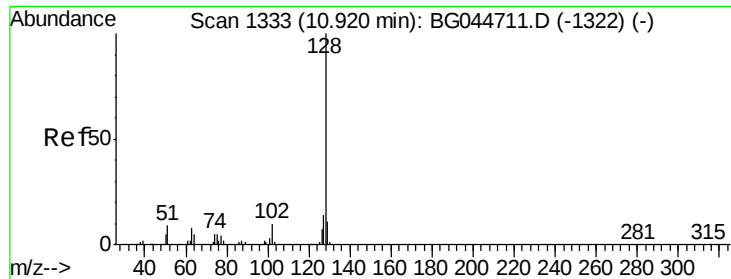
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#30
1,2,4-Trichlorobenzene
Concen: 37.588 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BG044718.D
Acq: 11 Mar 2020 12:30

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	89.8	78.8	118.2
145	29.9	25.4	38.0





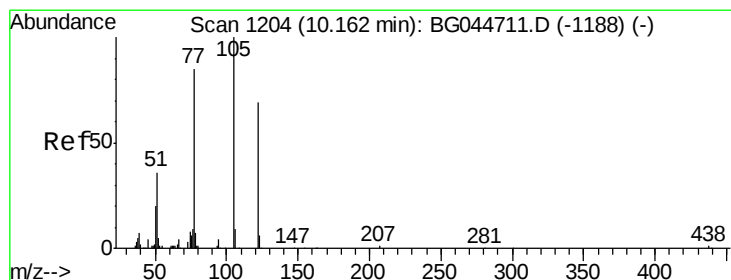
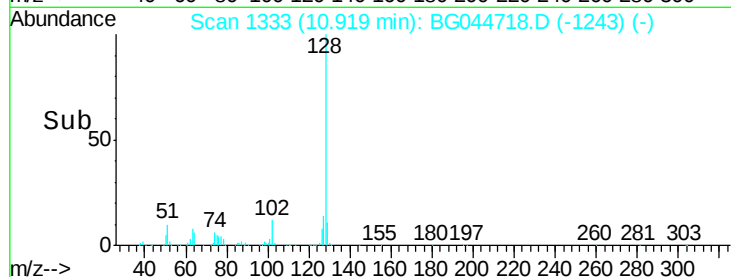
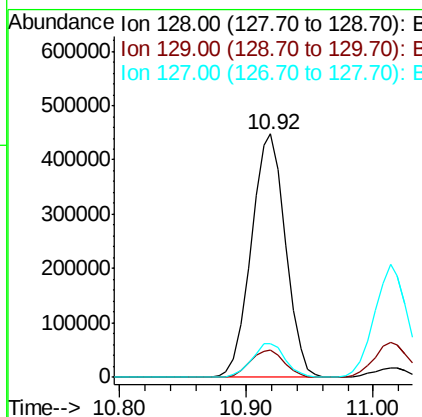
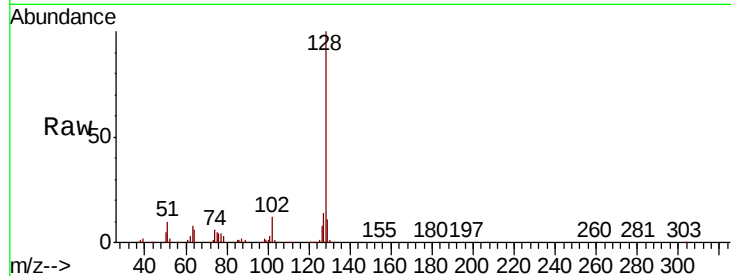
#31
Naphthalene
Concen: 38.373 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BG044718.D
Acq: 11 Mar 2020 12:30

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	128	Resp:	839596
Ion Ratio	Lower	Upper	
128	100		
129	11.2	9.0	13.4
127	14.0	11.0	16.6

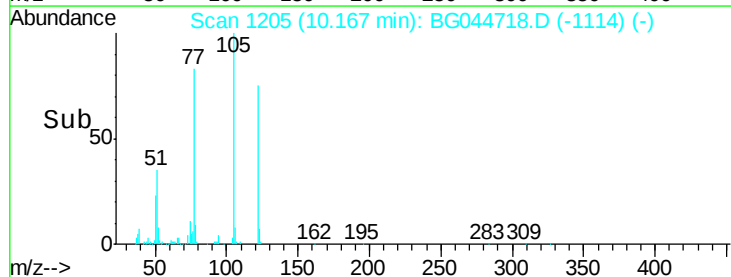
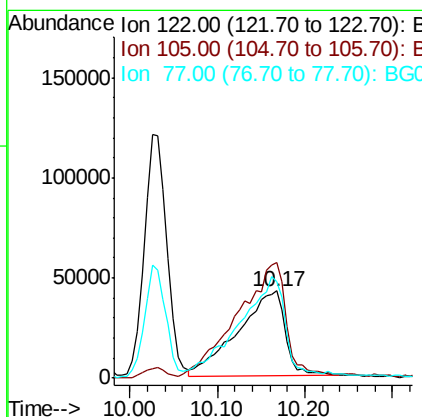
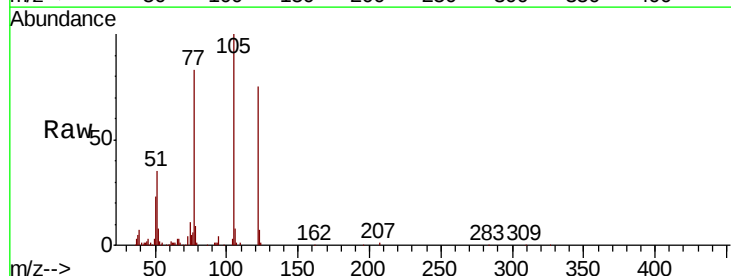
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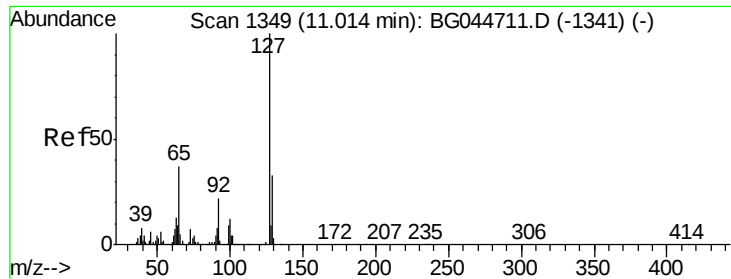
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#32
Benzoic acid
Concen: 38.224 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BG044718.D
Acq: 11 Mar 2020 12:30

Tgt Ion:	122	Resp:	159362
Ion Ratio	Lower	Upper	
122	100		
105	133.8	119.0	159.0
77	110.9	96.4	136.4





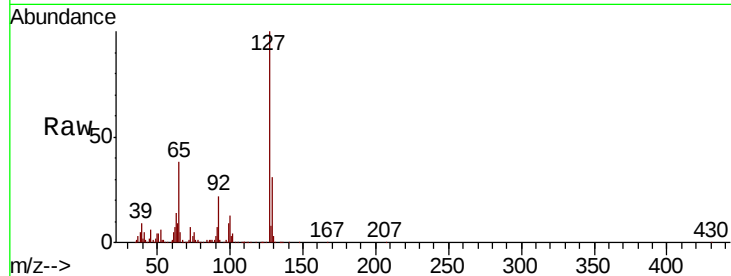
#33
4-Chloroaniline
Concen: 38.274 ng
RT: 11.01 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BG044718.D
Acq: 11 Mar 2020 12:30

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

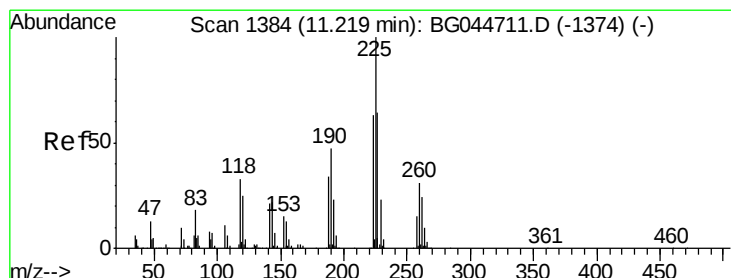
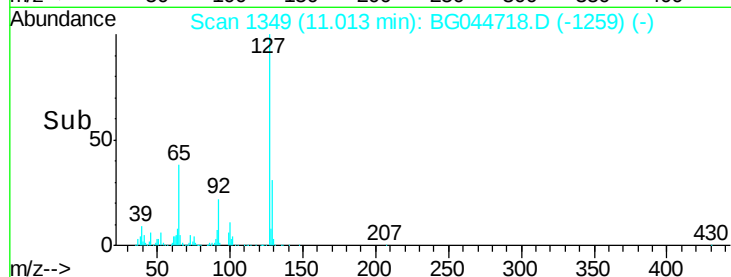
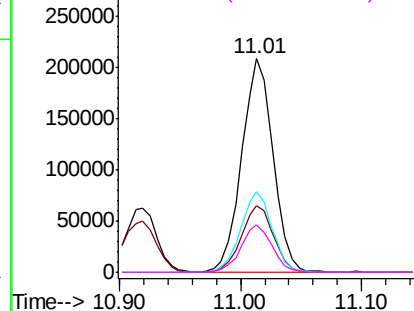
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.2	26.2	39.4		
65	37.8	29.6	44.4		
92	22.1	17.4	26.0		

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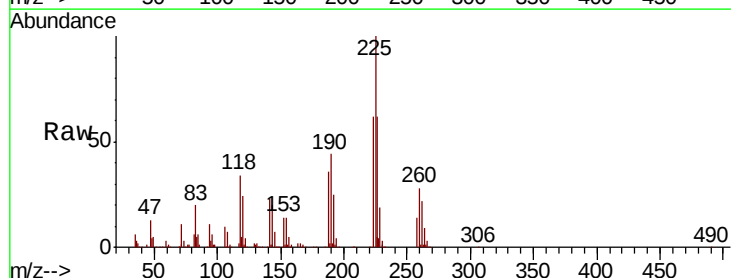


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

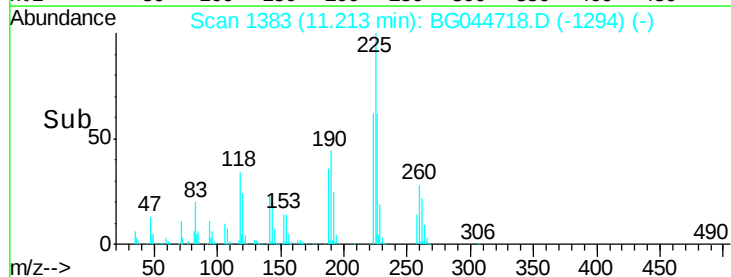
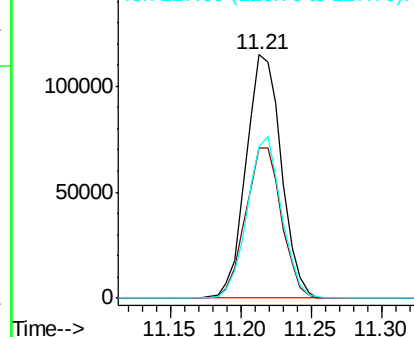


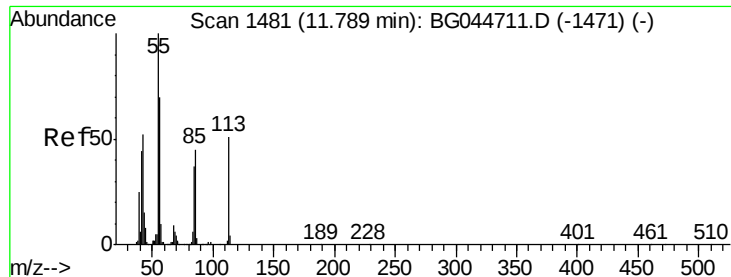
#34
Hexachlorobutadiene
Concen: 38.373 ng
RT: 11.21 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BG044718.D
Acq: 11 Mar 2020 12:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.6	50.6	76.0		
227	62.2	51.6	77.4		



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





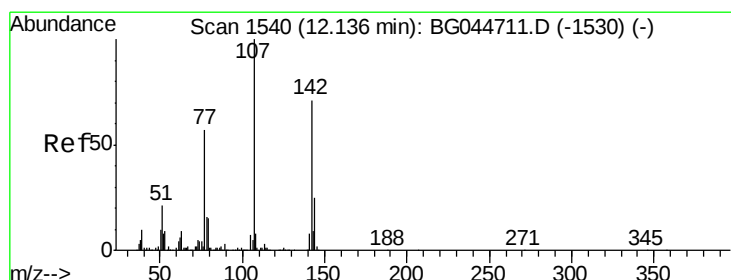
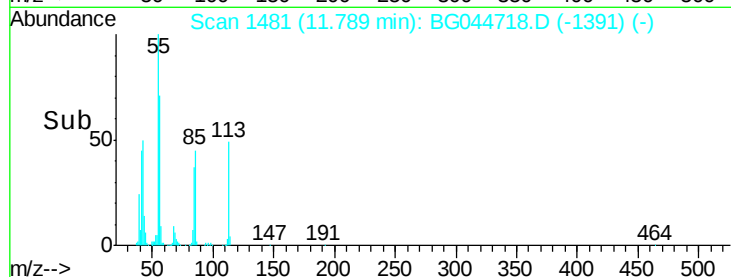
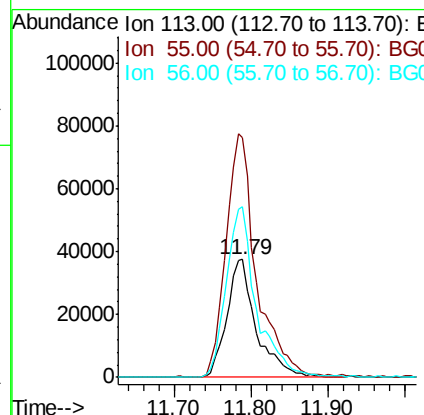
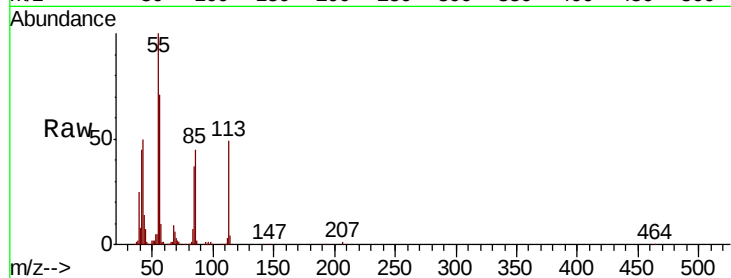
#35
 Caprolactam
 Concen: 39.485 ng
 RT: 11.79 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: BG044718.D
 Acq: 11 Mar 2020 12:30

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	203.6	178.4	218.4
56	144.4	117.7	157.7

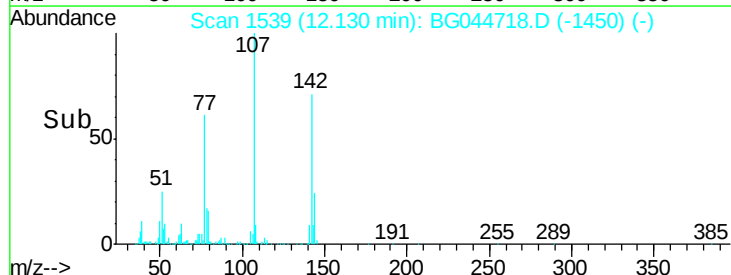
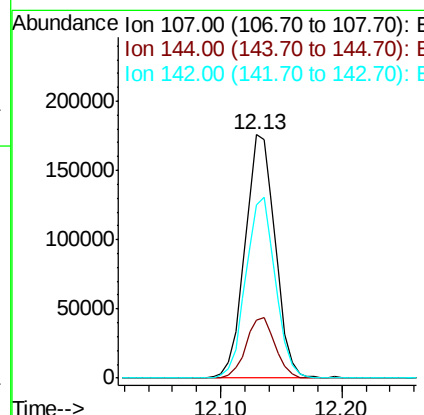
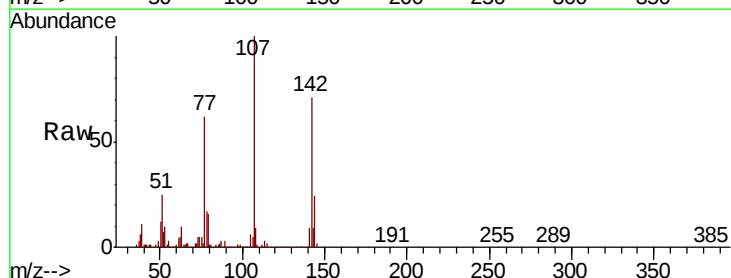
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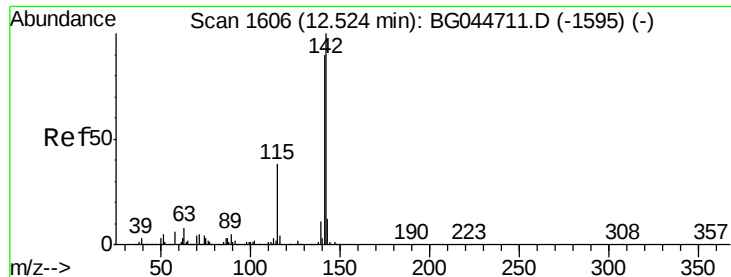
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#36
 4-Chloro-3-methylphenol
 Concen: 38.502 ng
 RT: 12.13 min Scan# 1539
 Delta R.T. -0.01 min
 Lab File: BG044718.D
 Acq: 11 Mar 2020 12:30

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.9	19.6	29.4
142	71.0	56.5	84.7





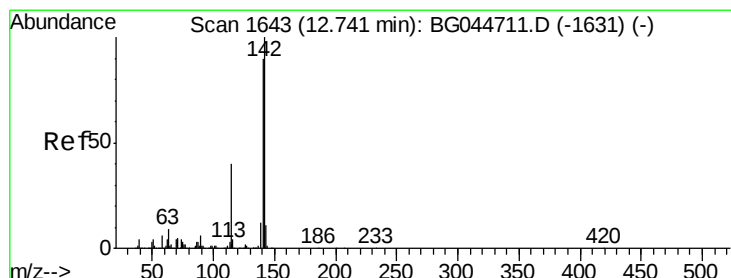
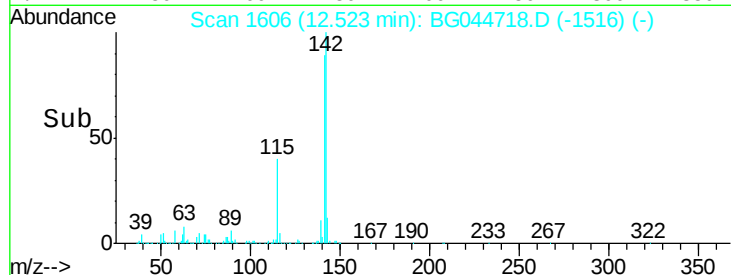
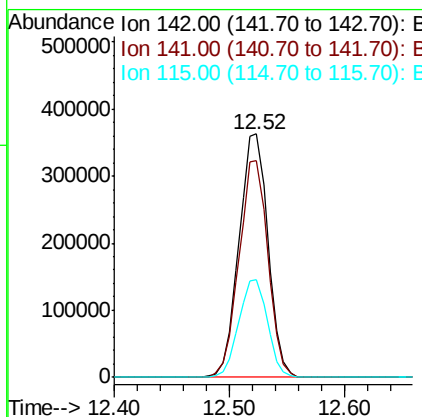
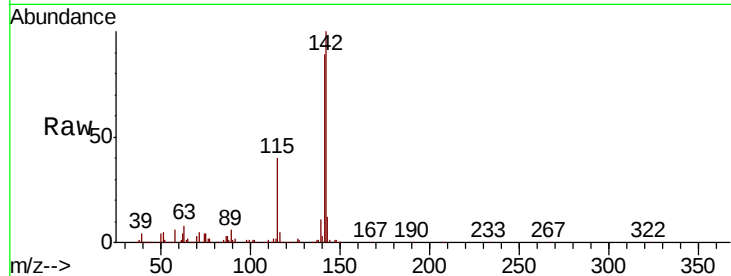
#37
2-Methylnaphthalene
Concen: 38.576 ng
RT: 12.52 min Scan# 1606
Delta R.T. -0.00 min
Lab File: BG044718.D
Acq: 11 Mar 2020 12:30

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	72.3	108.5
115	39.9	30.6	45.8

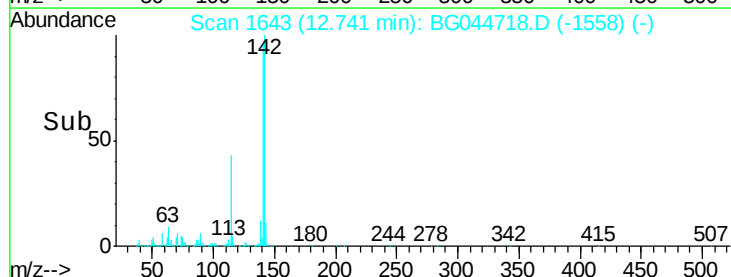
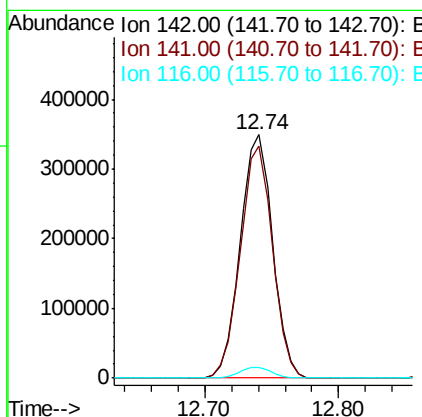
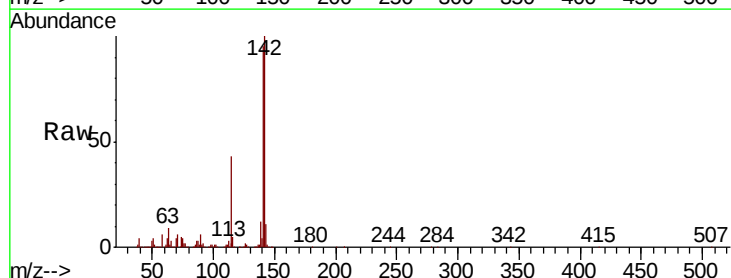
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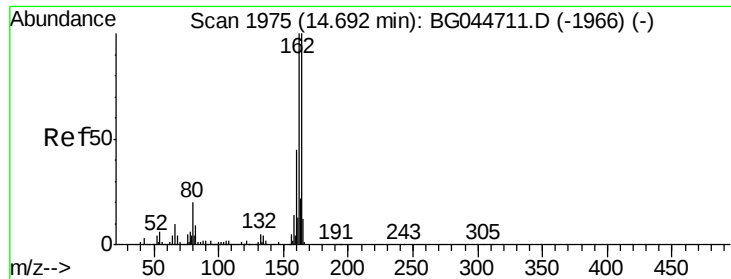
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#38
1-Methylnaphthalene
Concen: 37.985 ng
RT: 12.74 min Scan# 1643
Delta R.T. -0.00 min
Lab File: BG044718.D
Acq: 11 Mar 2020 12:30

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.5	72.2	108.2
116	4.5	3.5	5.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG044718.D

Acq: 11 Mar 2020 12:30

Instrument :

BNA_G

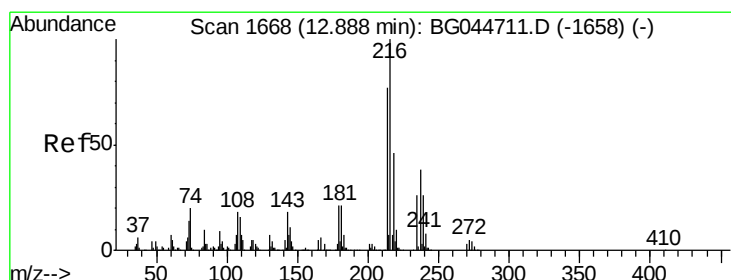
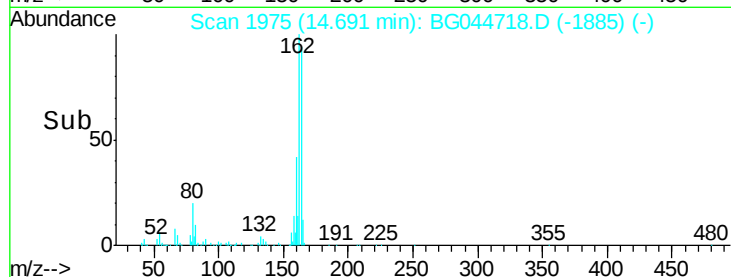
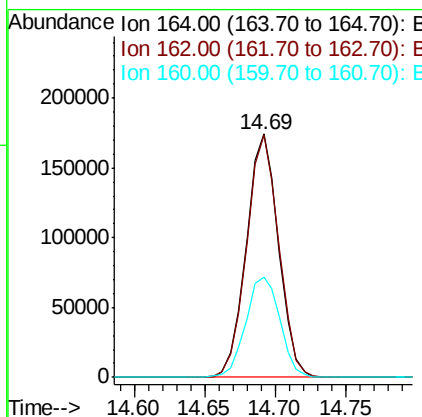
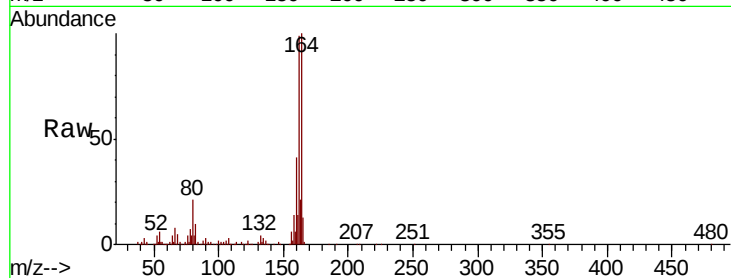
ClientSampleId :

SSTDCCC040

Tot Ion:	164	Resp:	278022
Ion Ratio	Lower	Upper	
164	100		
162	99.4	80.2	120.4
160	41.3	36.2	54.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.392 ng

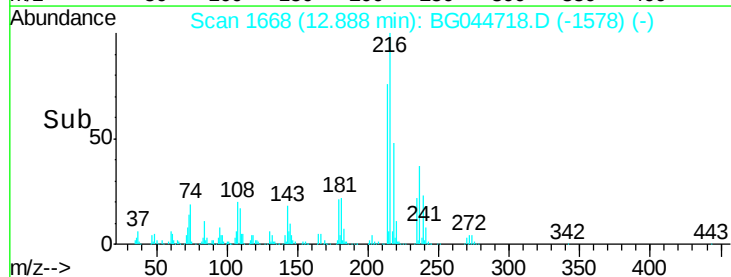
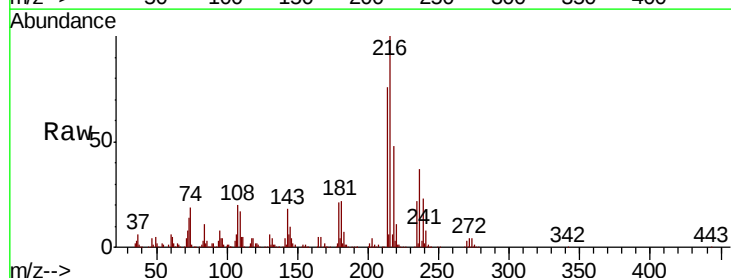
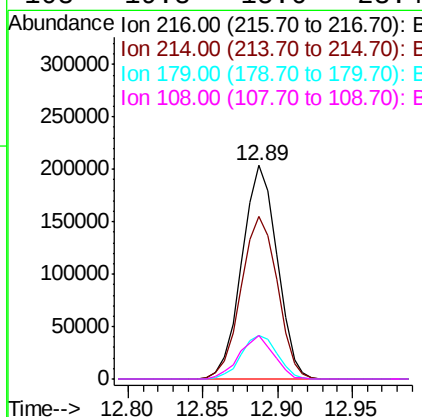
RT: 12.89 min Scan# 1668

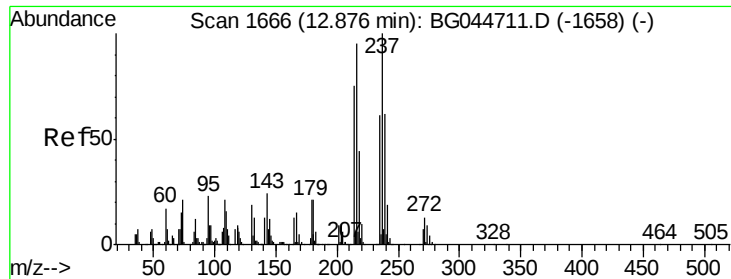
Delta R.T. -0.00 min

Lab File: BG044718.D

Acq: 11 Mar 2020 12:30

Tgt Ion:	216	Resp:	333208
Ion Ratio	Lower	Upper	
216	100		
214	78.3	63.0	94.4
179	20.8	16.6	24.8
108	19.8	15.6	23.4





#41

Hexachlorocyclopentadiene

Concen: 35.870 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.00 min

Lab File: BG044718.D

Acq: 11 Mar 2020 12:30

Instrument :

BNA_G

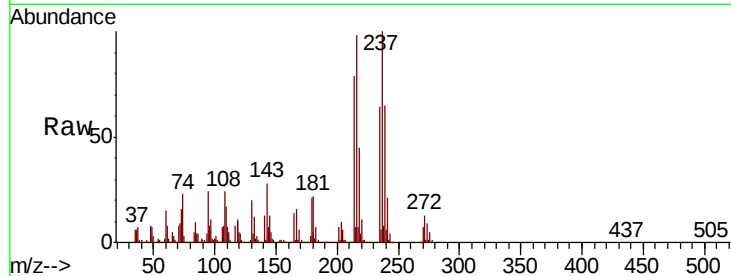
ClientSampleId :

SSTDCCC040

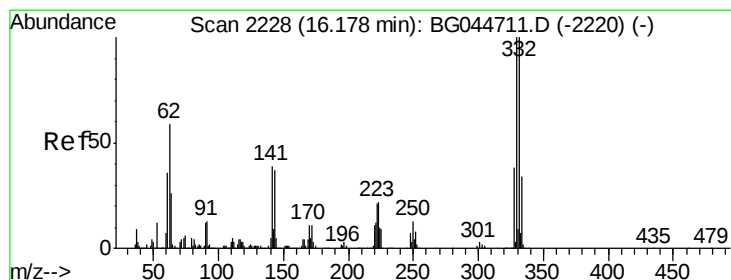
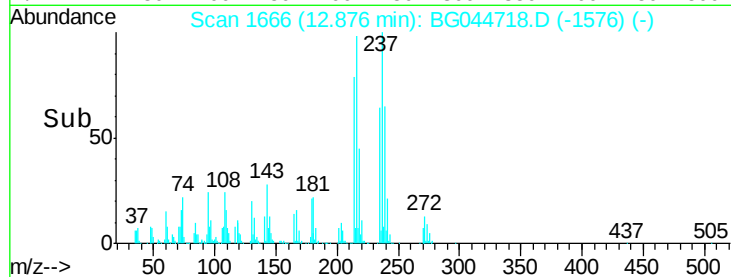
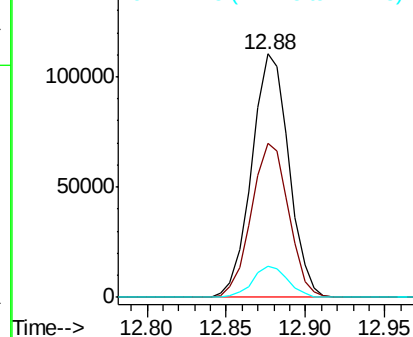
Tot Ion:	237	Resp:	179487
Ion Ratio		Lower	Upper
237	100		
235	63.5	40.6	80.6
272	12.7	0.0	32.5

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 76.235 ng

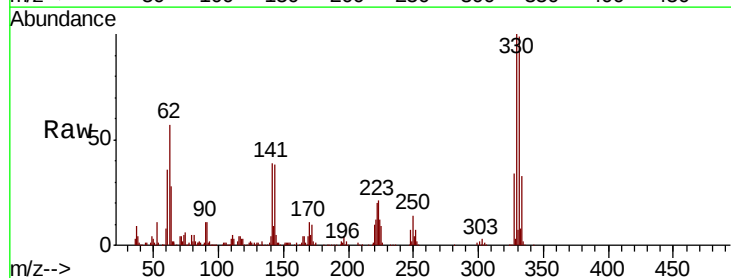
RT: 16.18 min Scan# 2228

Delta R.T. -0.00 min

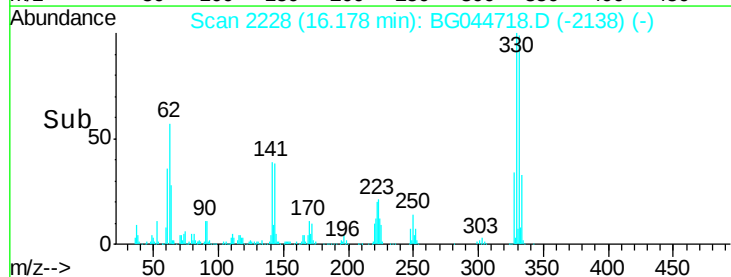
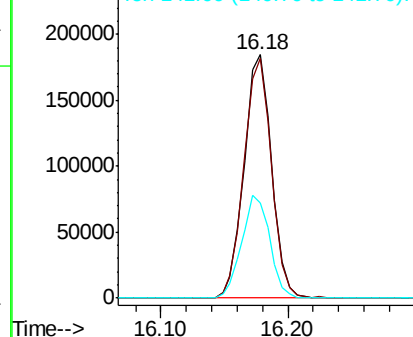
Lab File: BG044718.D

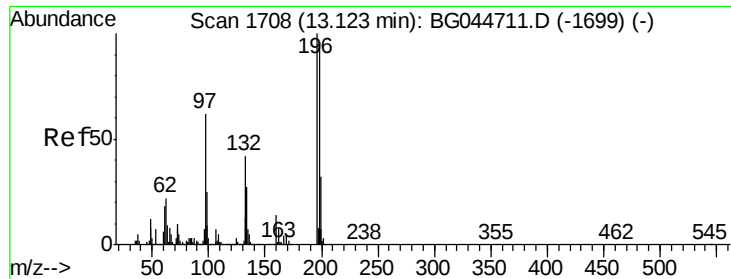
Acq: 11 Mar 2020 12:30

Tgt Ion:	330	Resp:	277515
Ion Ratio		Lower	Upper
330	100		
332	98.9	77.5	116.3
141	42.8	31.7	47.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





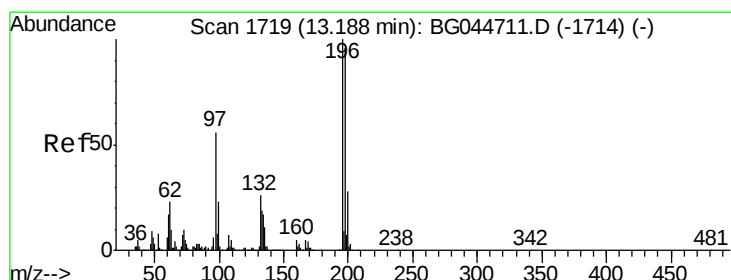
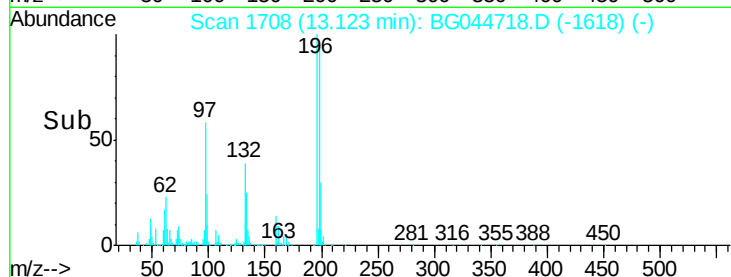
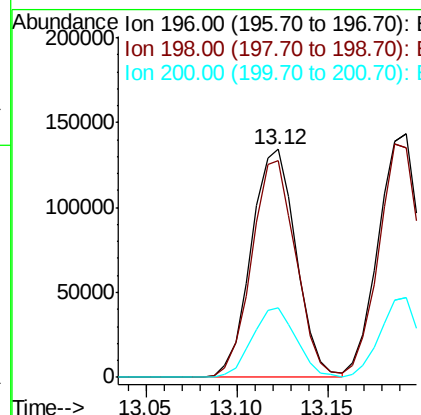
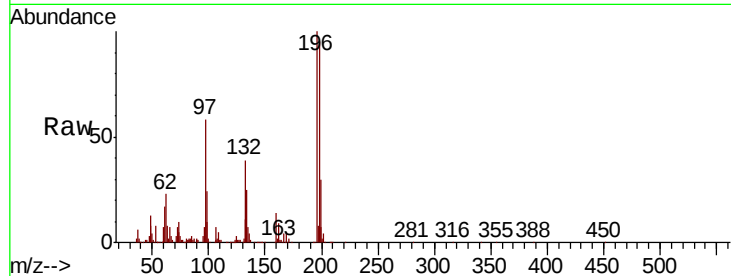
#43
2,4,6-Trichlorophenol
Concen: 38.039 ng
RT: 13.12 min Scan# 1708
Delta R.T. -0.00 min
Lab File: BG044718.D
Acq: 11 Mar 2020 12:30

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:196	Resp:	231144
Ion Ratio	Lower	Upper
196	100	
198	95.0	76.5 114.7
200	30.3	25.9 38.9

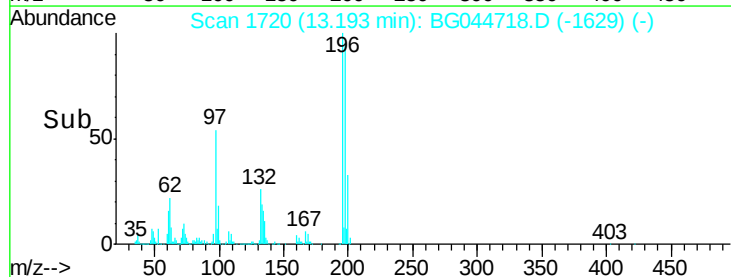
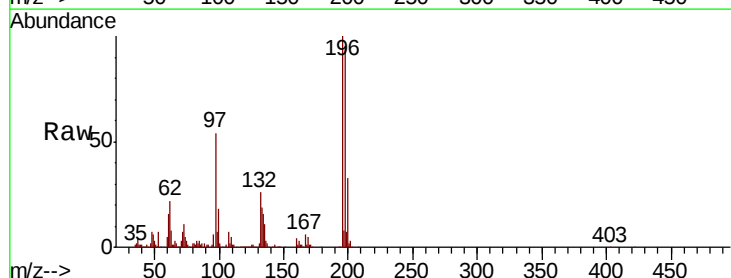
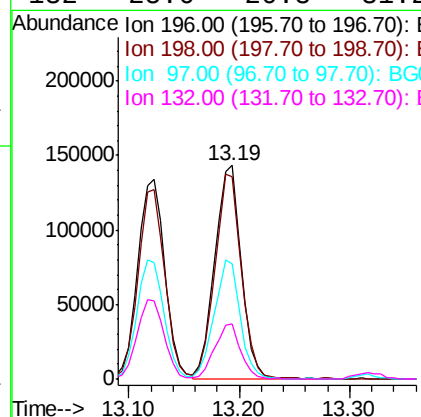
Manual Integrations
APPROVED

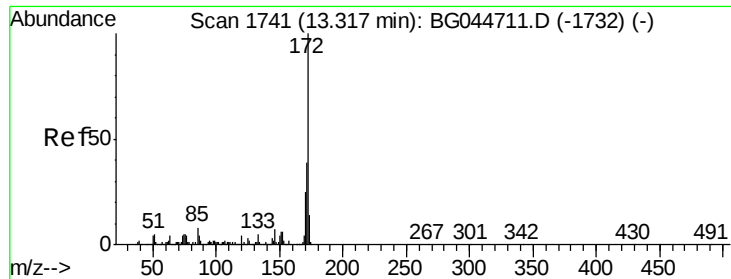
mohammad
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#44
2,4,5-Trichlorophenol
Concen: 37.499 ng
RT: 13.19 min Scan# 1720
Delta R.T. 0.01 min
Lab File: BG044718.D
Acq: 11 Mar 2020 12:30

Tgt Ion:196	Resp:	236305
Ion Ratio	Lower	Upper
196	100	
198	94.5	77.3 115.9
97	53.8	44.9 67.3
132	25.6	20.8 31.2





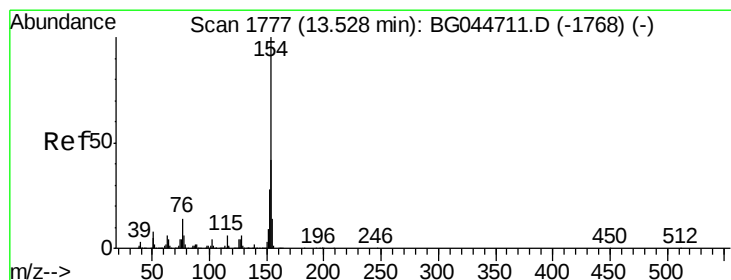
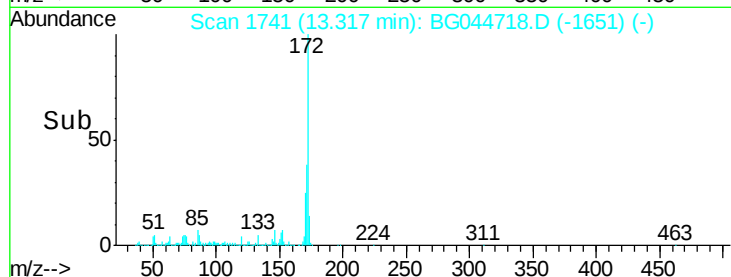
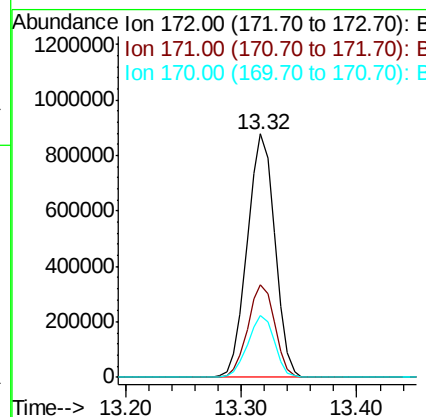
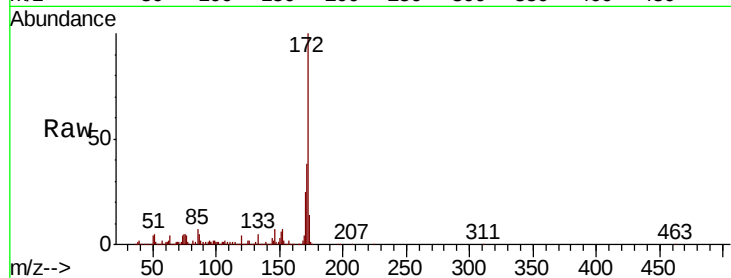
#45
2-Fluorobiphenyl
Concen: 74.842 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG044718.D
Acq: 11 Mar 2020 12:30

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.8	46.2
170	25.2	20.0	30.0

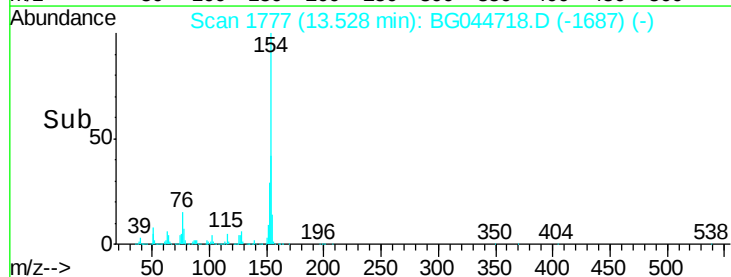
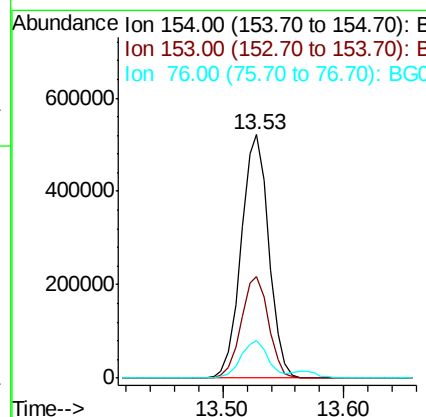
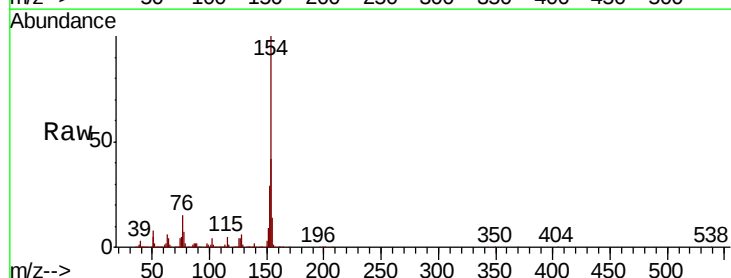
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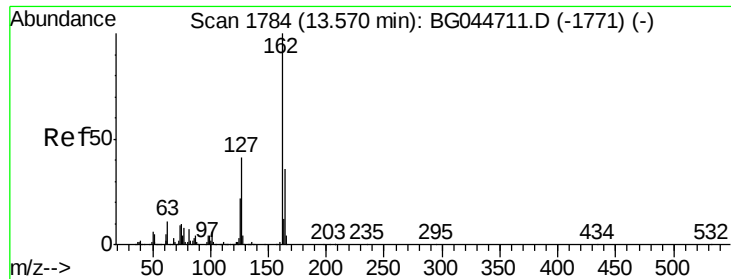
mohammad
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#46
1,1'-Biphenyl
Concen: 37.252 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG044718.D
Acq: 11 Mar 2020 12:30

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	22.0	62.0
76	15.4	0.0	34.2





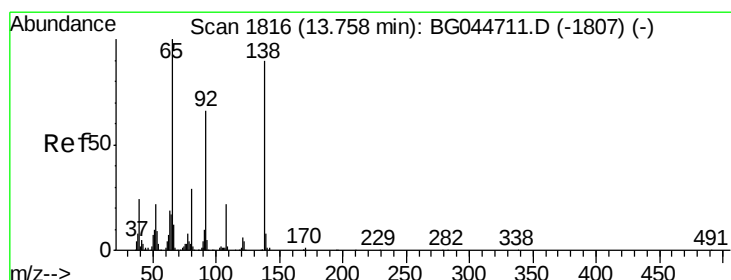
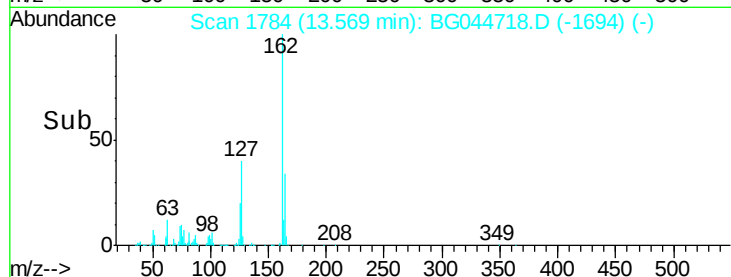
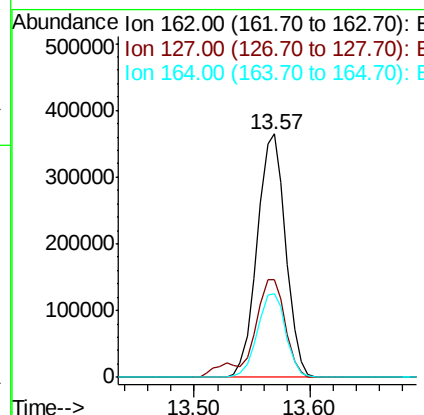
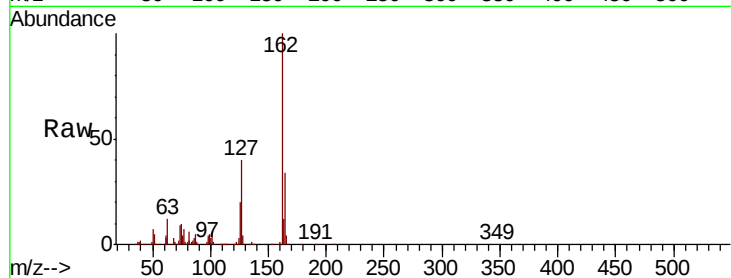
#47
2-Chloronaphthalene
Concen: 36.933 ng
RT: 13.57 min Scan# 1784
Delta R.T. -0.00 min
Lab File: BG044718.D
Acq: 11 Mar 2020 12:30

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.1	32.6	48.8
164	34.2	29.0	43.4

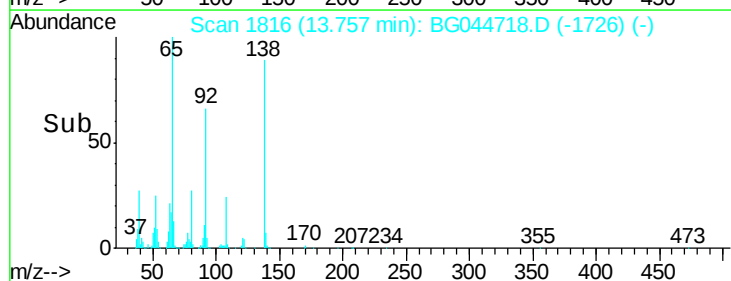
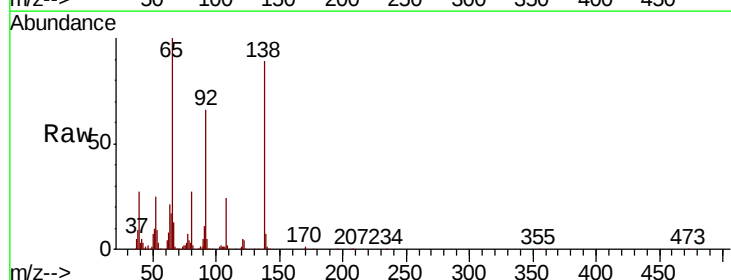
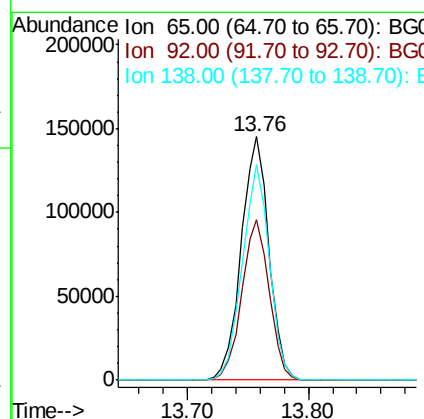
Manual Integrations
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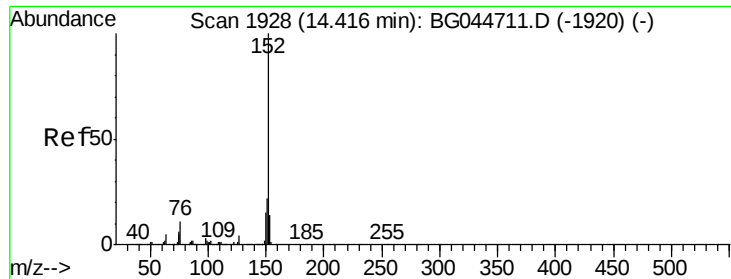
mohammad
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#48
2-Nitroaniline
Concen: 39.033 ng
RT: 13.76 min Scan# 1816
Delta R.T. -0.00 min
Lab File: BG044718.D
Acq: 11 Mar 2020 12:30

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.1	52.6	79.0
138	88.7	71.8	107.6





#49

Acenaphthylene

Concen: 37.346 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG044718.D

Acq: 11 Mar 2020 12:30

Instrument :

BNA_G

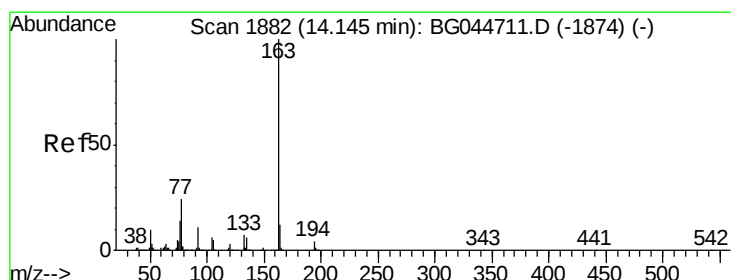
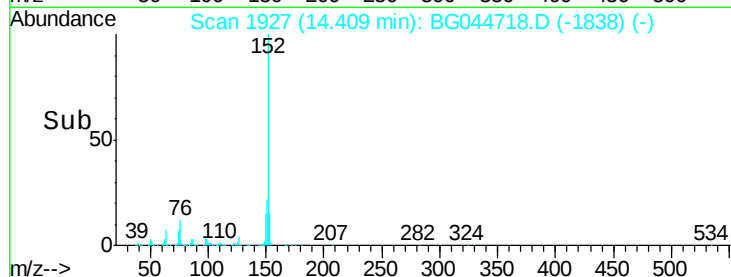
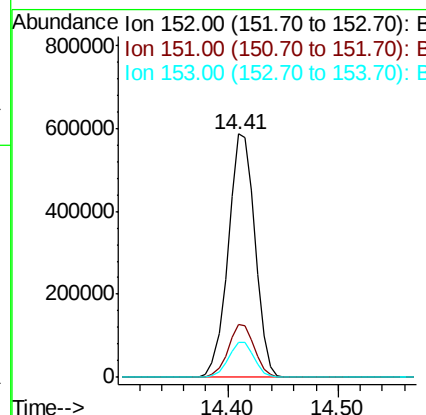
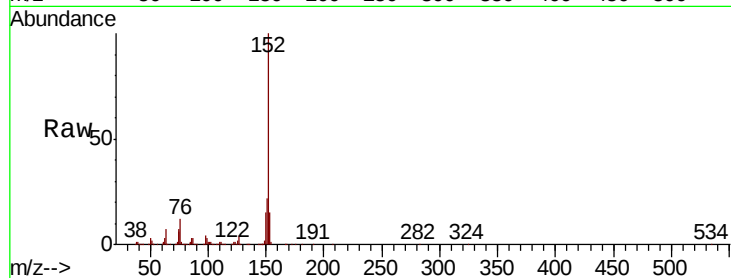
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		992998		
151	21.6	17.8	26.8		
153	14.5	11.4	17.0		

Manual Integrations
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#50

Dimethylphthalate

Concen: 37.881 ng

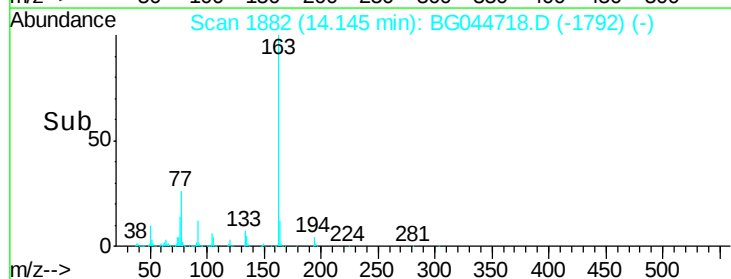
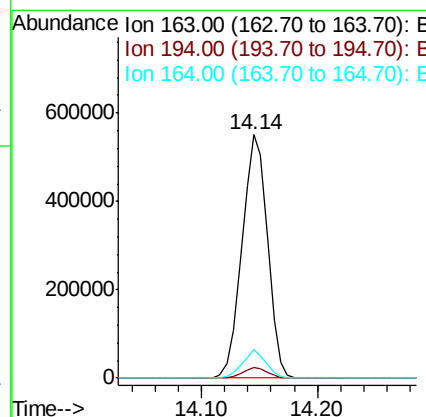
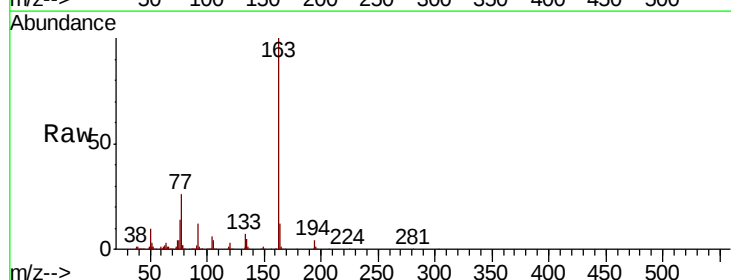
RT: 14.14 min Scan# 1882

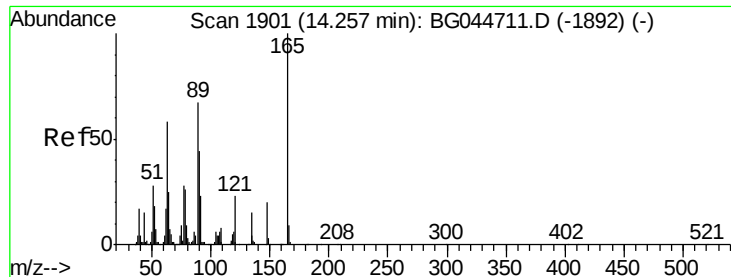
Delta R.T. -0.00 min

Lab File: BG044718.D

Acq: 11 Mar 2020 12:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		838797		
194	4.2	3.5	5.3		
164	11.8	9.2	13.8		





#51

2,6-Dinitrotoluene

Concen: 38.393 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG044718.D

Acq: 11 Mar 2020 12:30

Instrument :

BNA_G

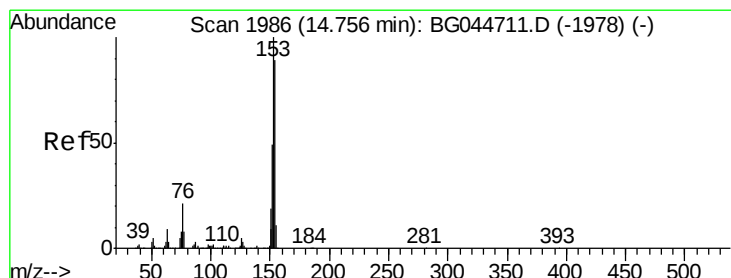
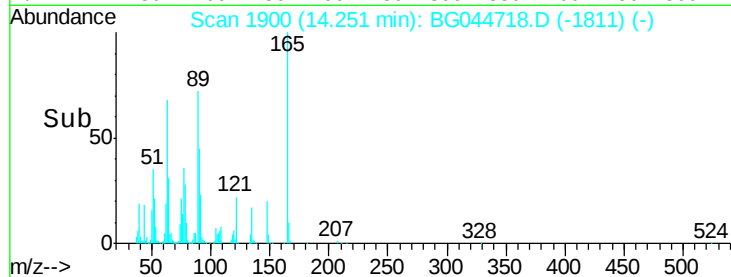
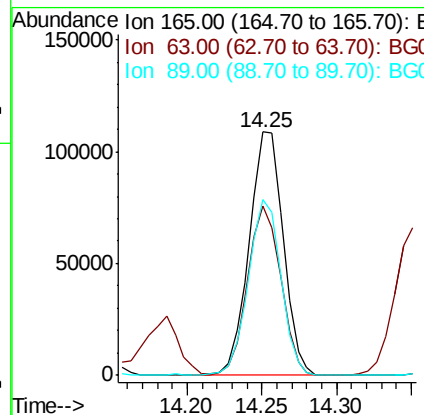
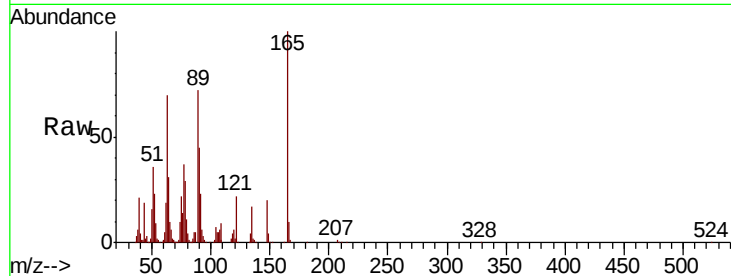
ClientSampleId :

SSTDCCC040

Tot Ion:	165	Resp:	171363
Ion Ratio	Lower	Upper	
165	100		
63	69.6	48.9	73.3
89	72.3	53.8	80.8

Manual Integrations
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#52

Acenaphthene

Concen: 38.049 ng

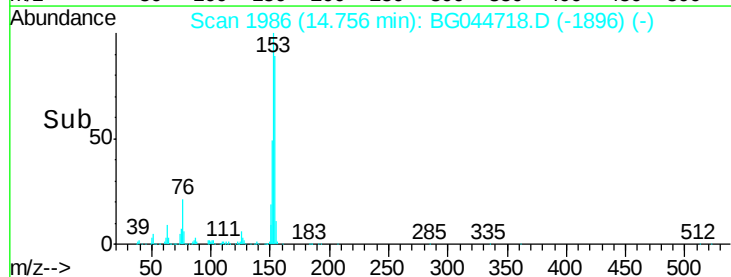
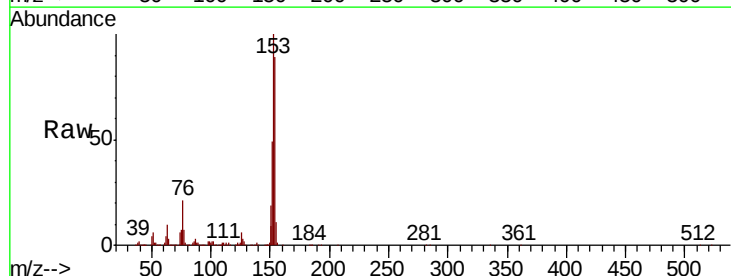
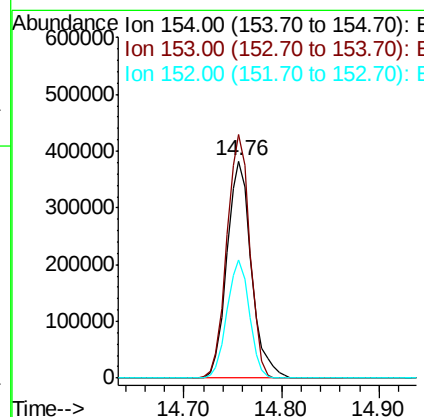
RT: 14.76 min Scan# 1986

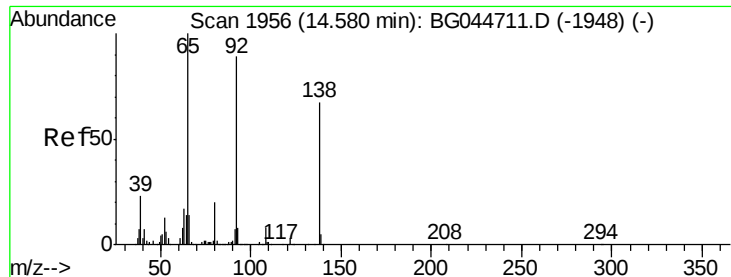
Delta R.T. -0.00 min

Lab File: BG044718.D

Acq: 11 Mar 2020 12:30

Tgt Ion:	154	Resp:	662573
Ion Ratio	Lower	Upper	
154	100		
153	112.1	89.8	134.8
152	54.6	44.4	66.6





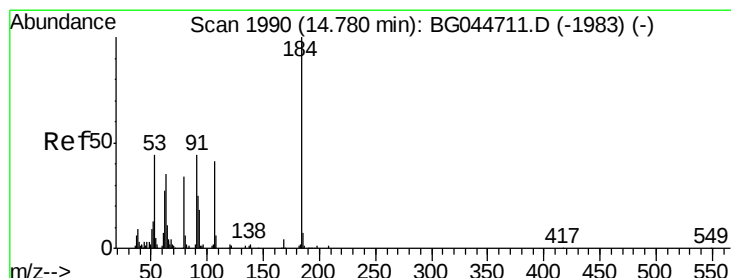
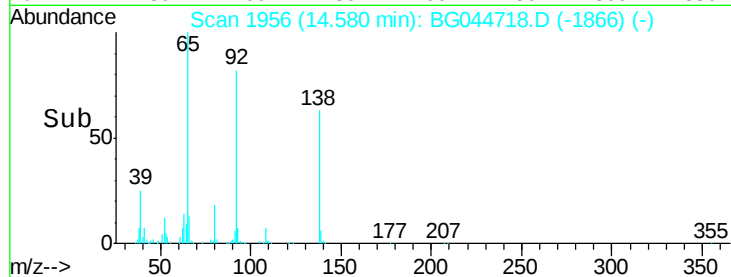
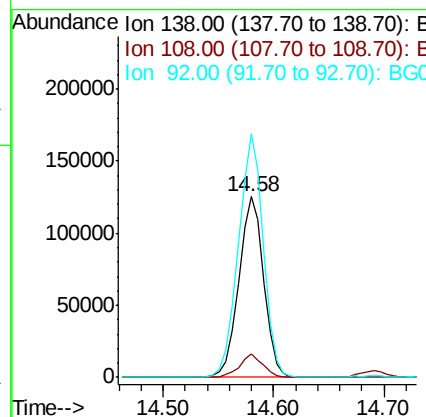
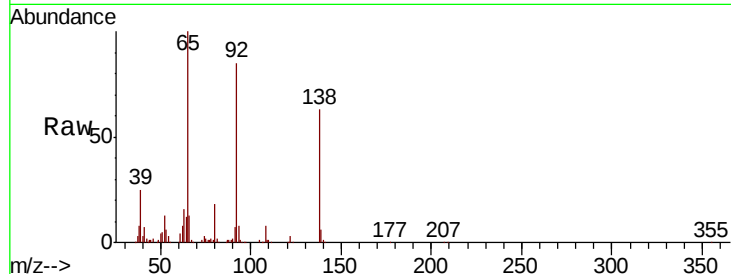
#53
 3-Nitroaniline
 Concen: 38.574 ng
 RT: 14.58 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: BG044718.D
 Acq: 11 Mar 2020 12:30

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	13.0	9.2	13.8
92	135.0	105.6	158.4

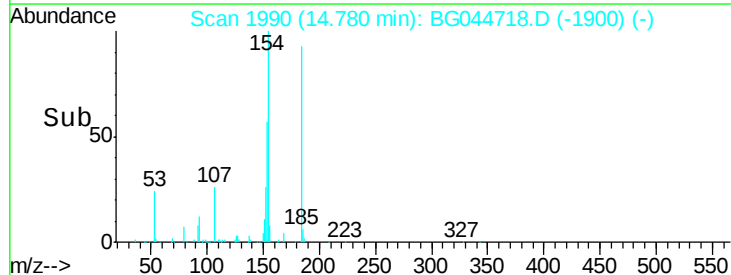
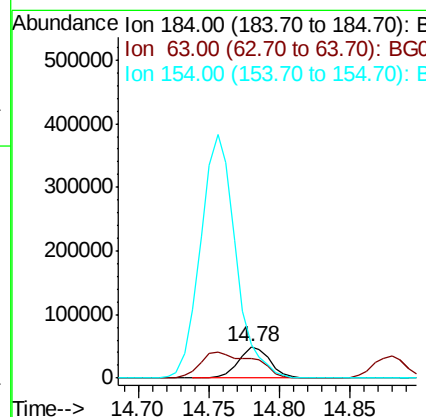
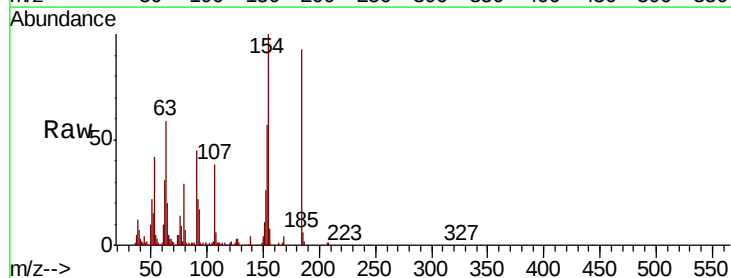
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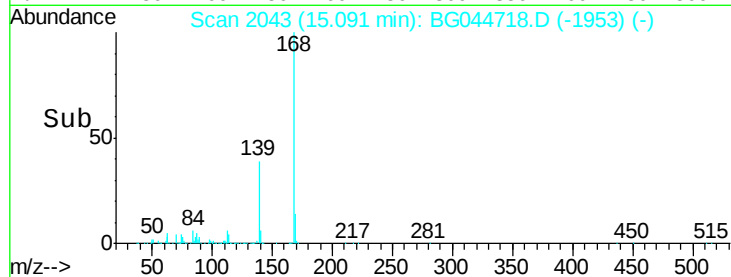
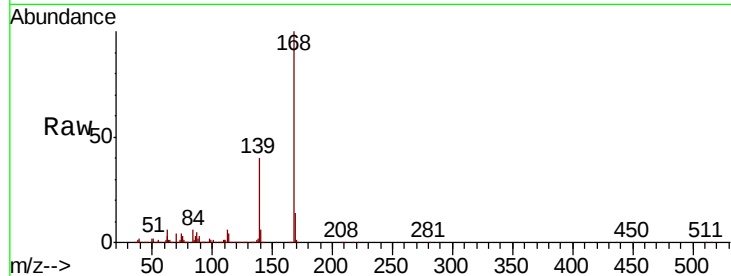
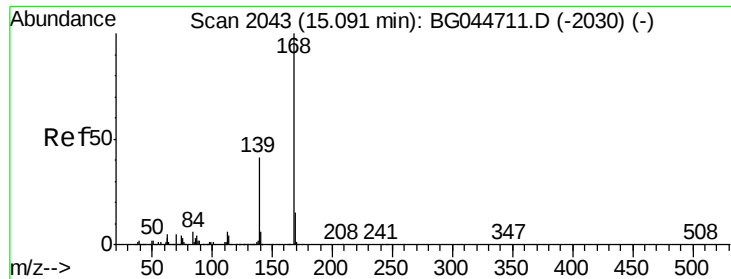
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#54
 2,4-Dinitrophenol
 Concen: 37.641 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: BG044718.D
 Acq: 11 Mar 2020 12:30

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.8	49.0	73.6
154	107.8	94.5	141.7





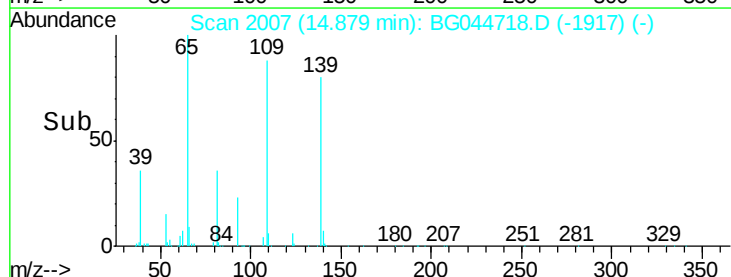
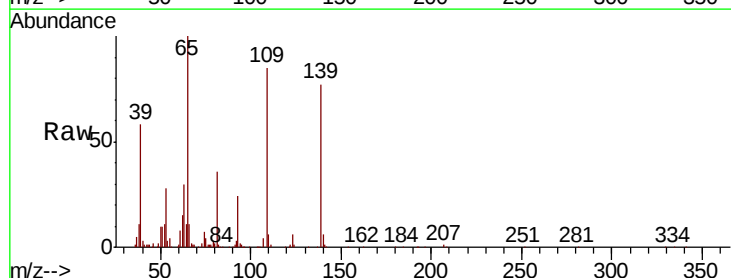
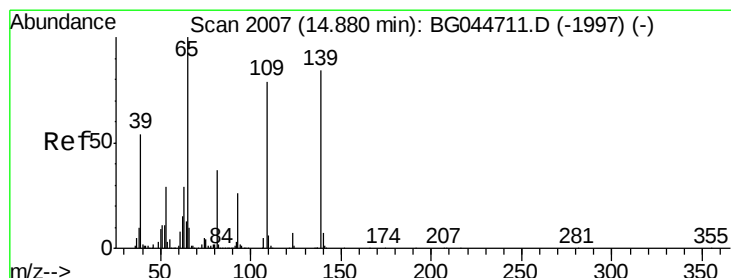
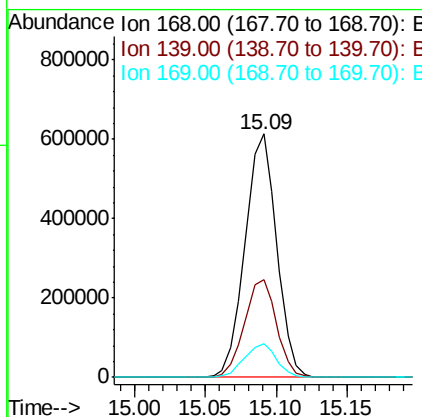
#55
Dibenzofuran
Concen: 38.191 ng
RT: 15.09 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG044718.D
Acq: 11 Mar 2020 12:30

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.9	32.6	49.0
169	13.9	11.8	17.6

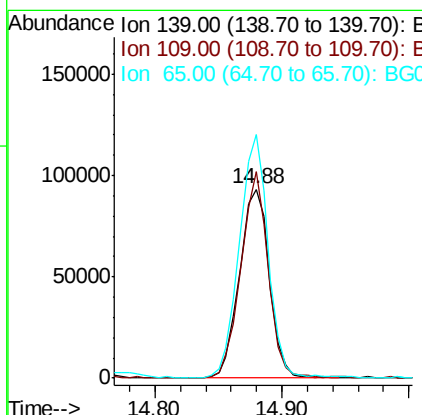
Manual Integrations
APPROVED

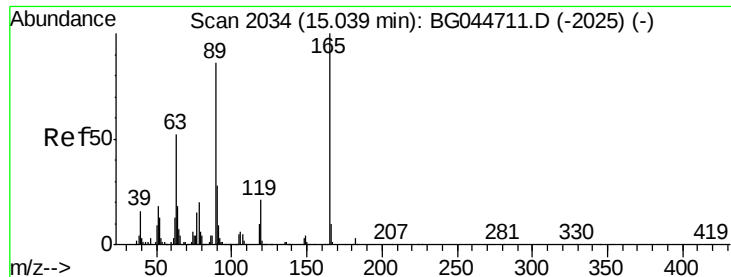
mohammad
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#56
4-Nitrophenol
Concen: 38.877 ng
RT: 14.88 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BG044718.D
Acq: 11 Mar 2020 12:30

Tgt Ion	Ratio	Lower	Upper
139	100		
109	109.8	74.1	114.1
65	129.1	98.6	138.6





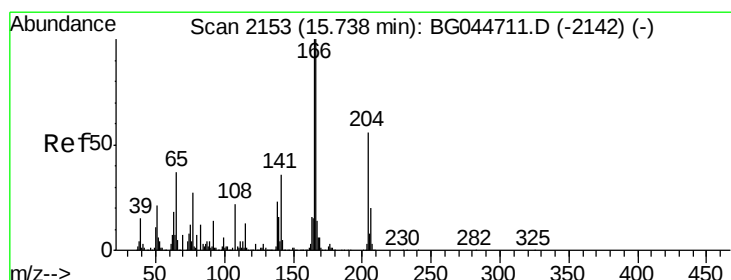
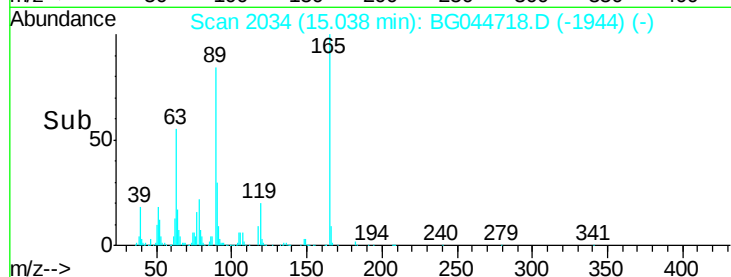
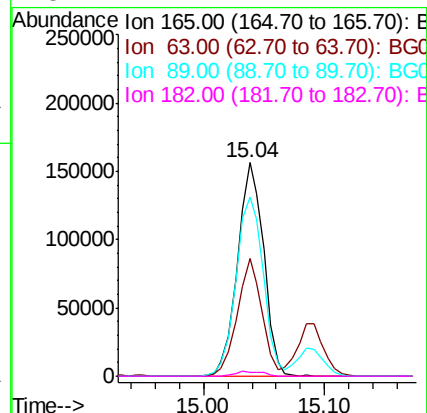
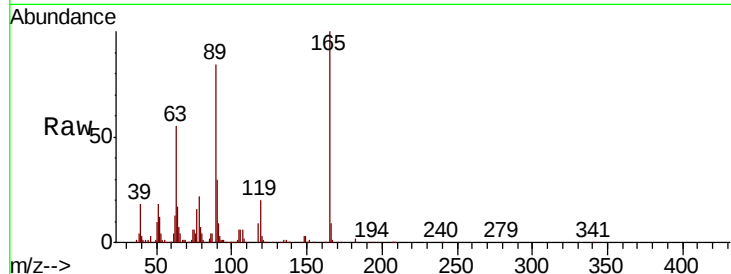
#57
2,4-Dinitrotoluene
Concen: 38.683 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BG044718.D
Acq: 11 Mar 2020 12:30

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	236796		
63	54.9		41.5	62.3
89	84.1		69.0	103.4
182	2.1		2.7	4.1#

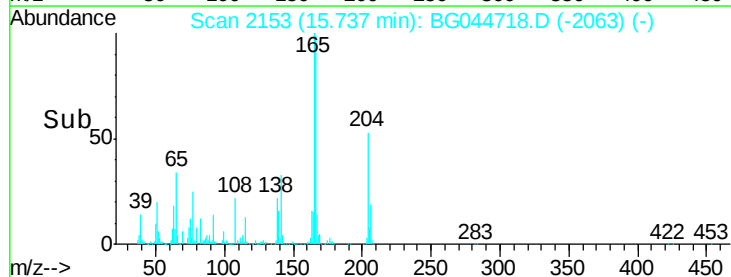
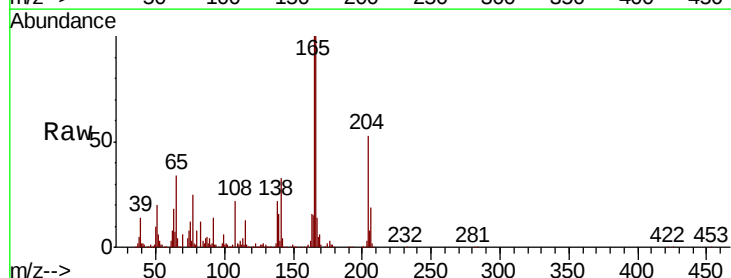
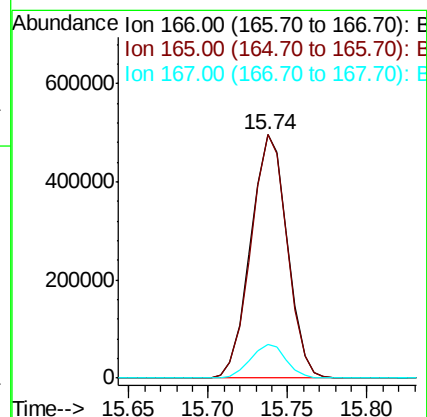
Manual Integrations
APPROVED

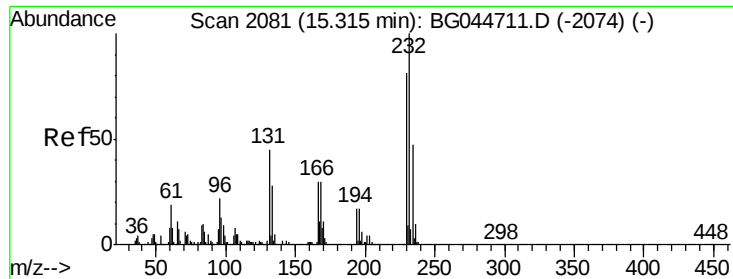
mohammad
3/16/2020 1:46:23 PM



#58
Fluorene
Concen: 38.266 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG044718.D
Acq: 11 Mar 2020 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	794886		
165	99.9		79.6	119.4
167	14.1		11.4	17.2





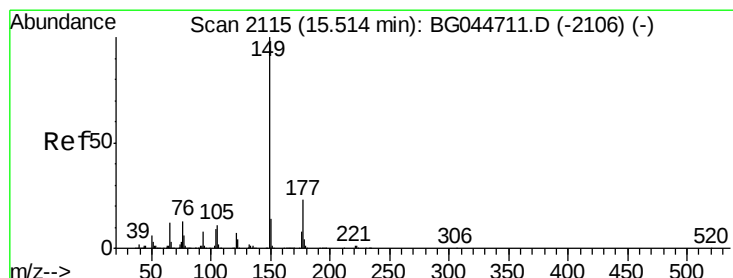
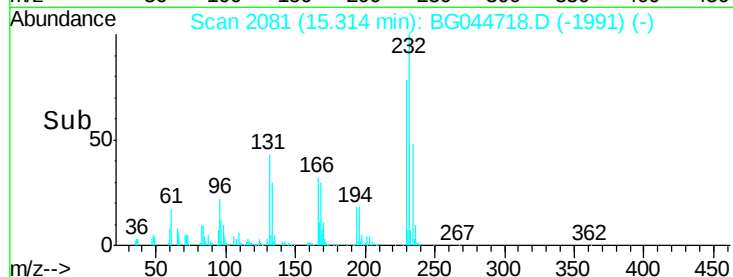
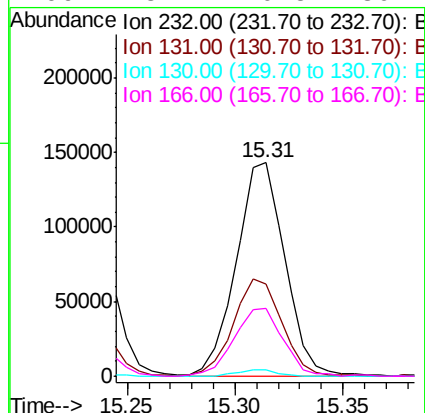
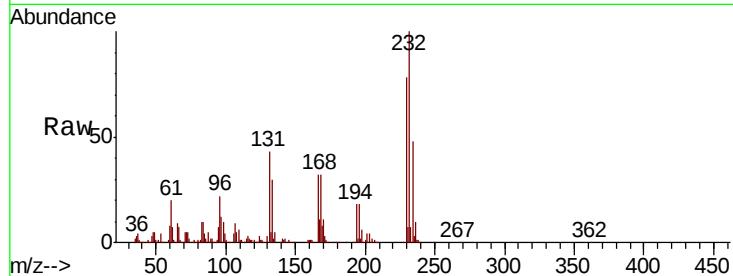
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.593 ng m
RT: 15.31 min Scan# 2081
Delta R.T. -0.00 min
Lab File: BG044718.D
Acq: 11 Mar 2020 12:30

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		223904		
131	40.9	32.4	48.6		
130	2.9	2.0	3.0		
166	25.4	20.5	30.7		

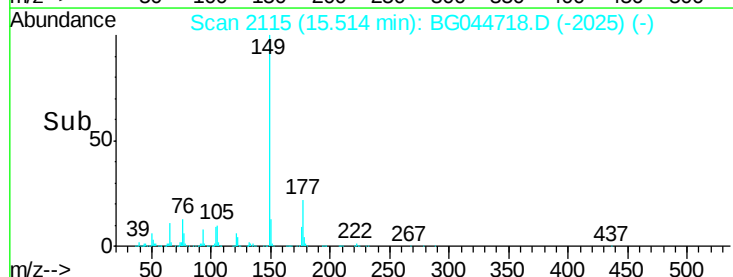
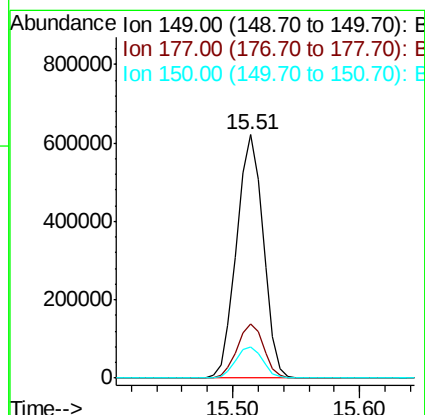
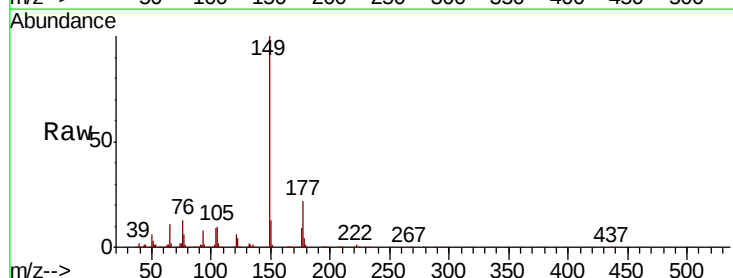
Manual Integrations
APPROVED

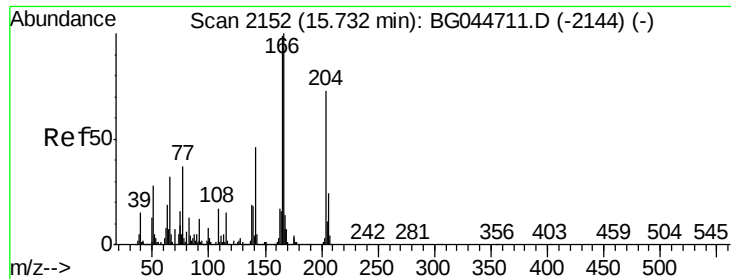
mohammad
3/16/2020 1:46:23 PM



#60
Diethylphthalate
Concen: 38.978 ng
RT: 15.51 min Scan# 2115
Delta R.T. -0.00 min
Lab File: BG044718.D
Acq: 11 Mar 2020 12:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		900208		
177	22.4	18.8	28.2		
150	12.9	11.2	16.8		





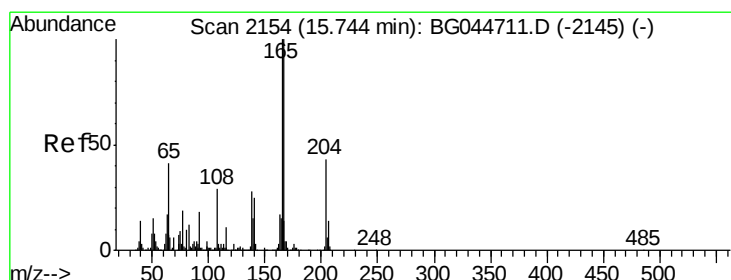
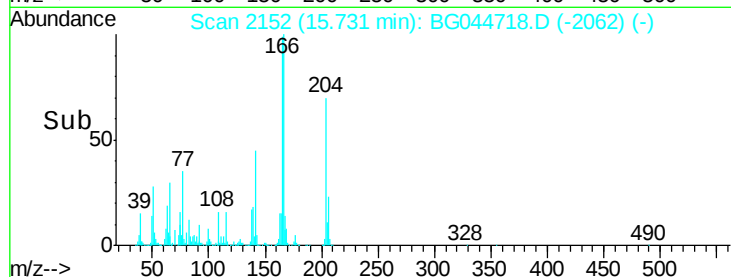
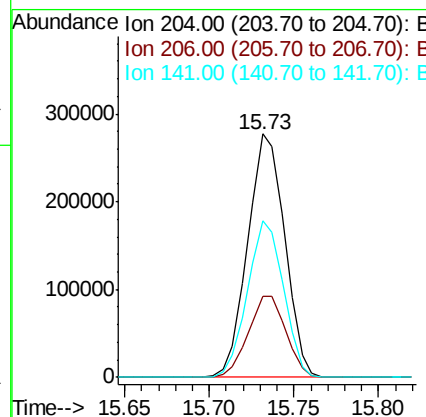
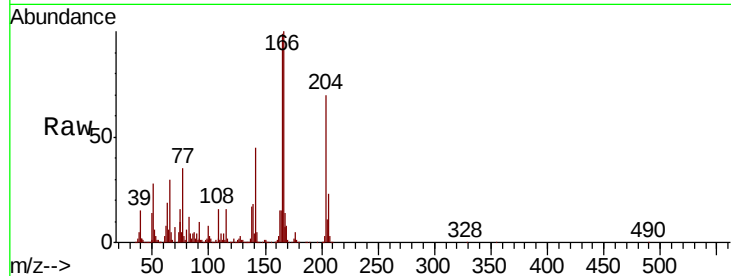
#61
4-Chlorophenyl-phenylether
Concen: 37.882 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BG044718.D
Acq: 11 Mar 2020 12:30

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	25.8	38.6
141	64.2	50.8	76.2

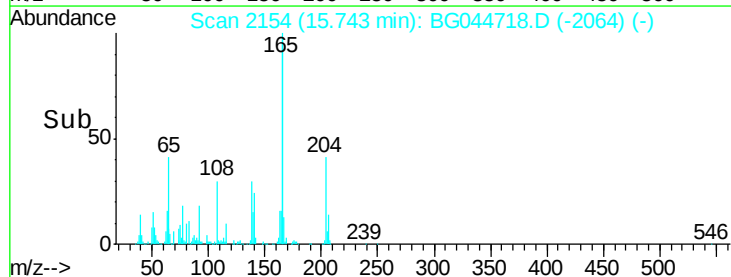
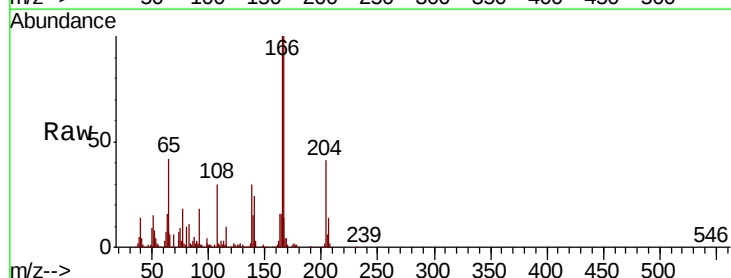
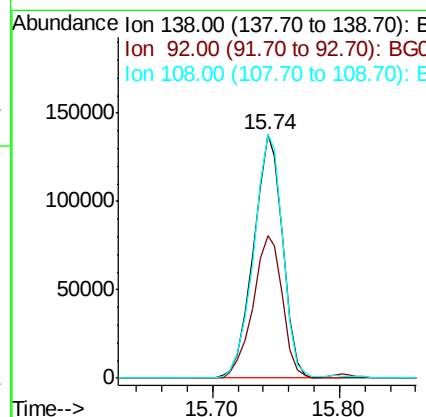
Manual Integrations
APPROVED

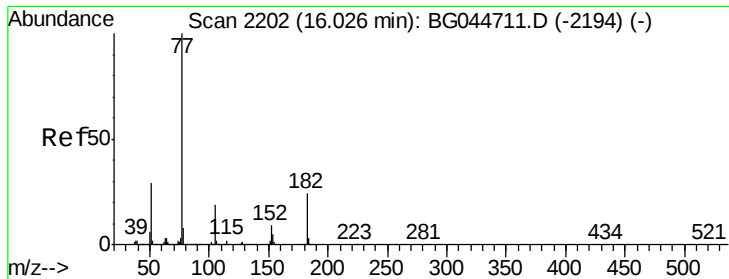
mohammad
3/16/2020 1:46:23 PM



#62
4-Nitroaniline
Concen: 40.310 ng
RT: 15.74 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG044718.D
Acq: 11 Mar 2020 12:30

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.3	42.1	82.1
108	100.1	81.2	121.2





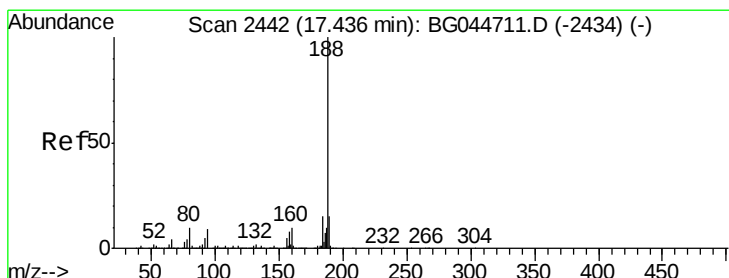
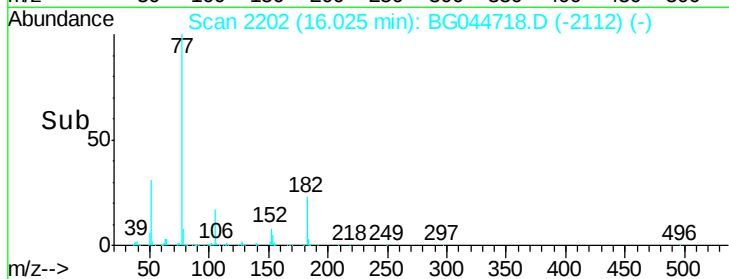
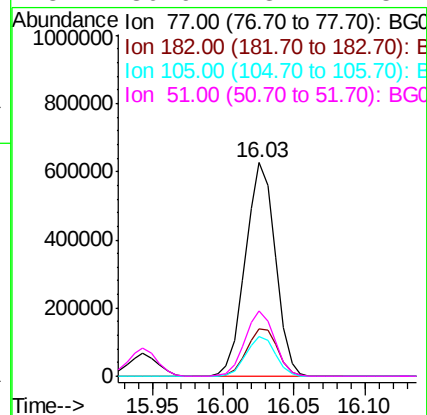
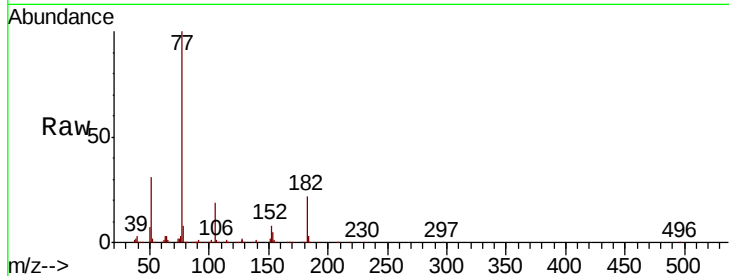
#63
Azobenzene
Concen: 38.904 ng
RT: 16.03 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BG044718.D
Acq: 11 Mar 2020 12:30

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	22.4	3.6	43.6
105	18.6	0.0	39.3
51	30.9	8.7	48.7

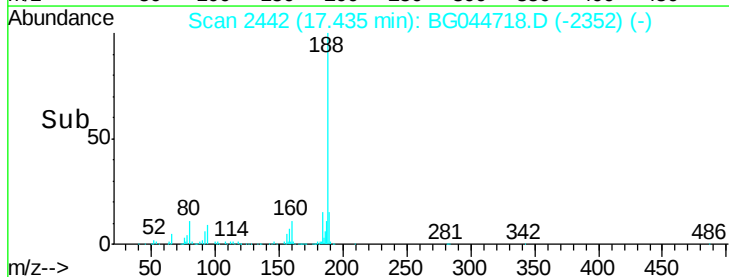
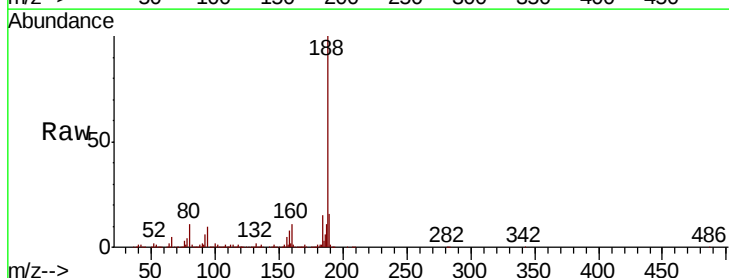
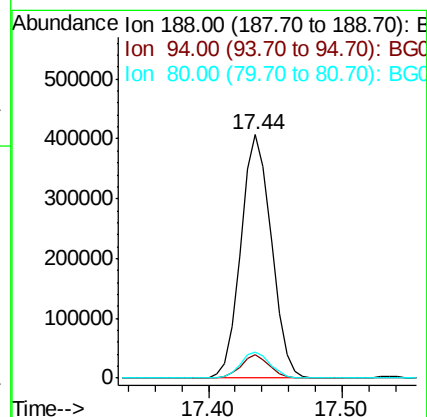
Manual Integrations
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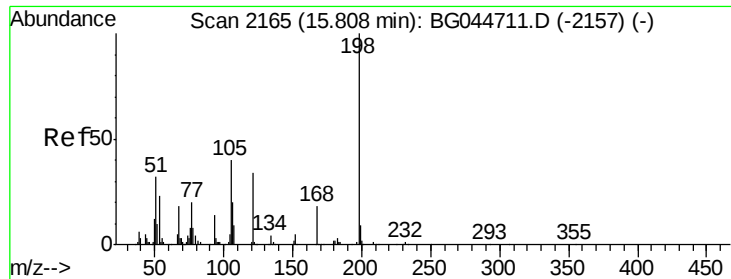
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG044718.D
Acq: 11 Mar 2020 12:30

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.0	10.6
80	10.8	8.4	12.6





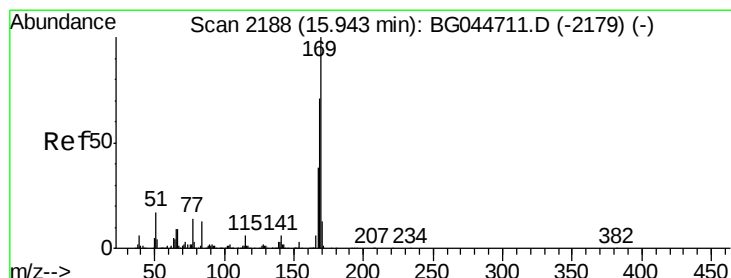
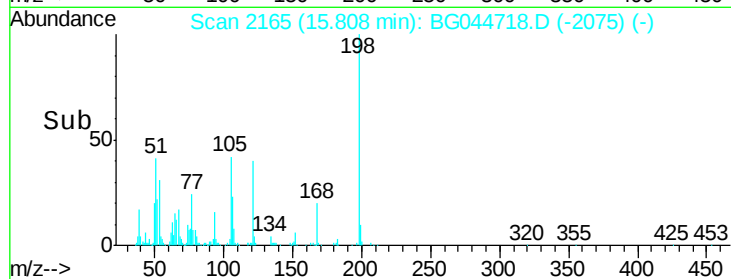
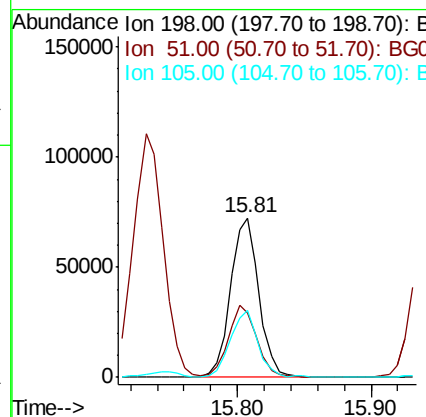
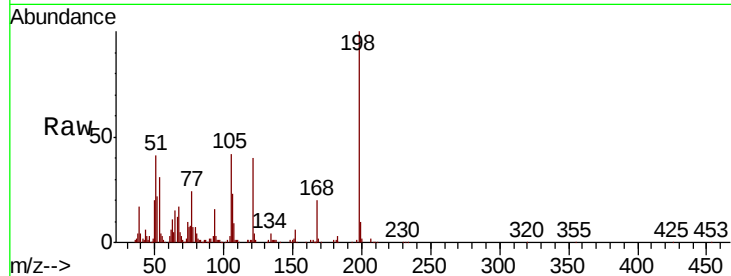
#65
4,6-Dinitro-2-methylphenol
Concen: 37.567 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BG044718.D
Acq: 11 Mar 2020 12:30

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	107490		
51	40.6		20.1	60.1
105	41.8		21.3	61.3

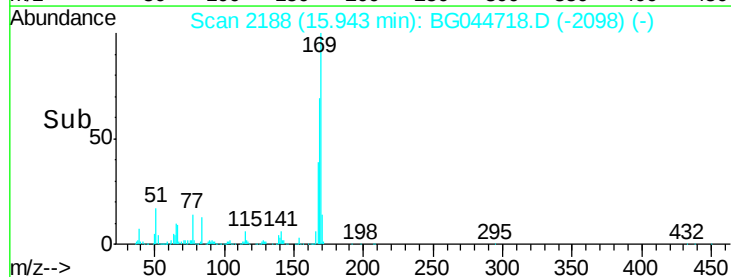
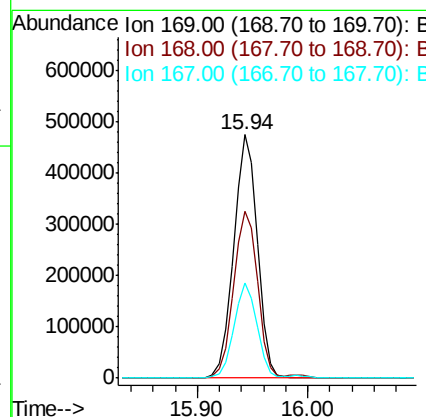
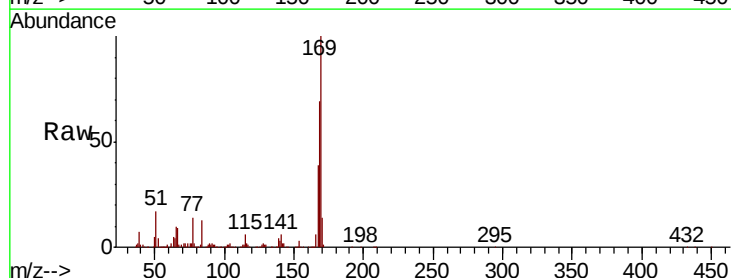
Manual Integrations
APPROVED

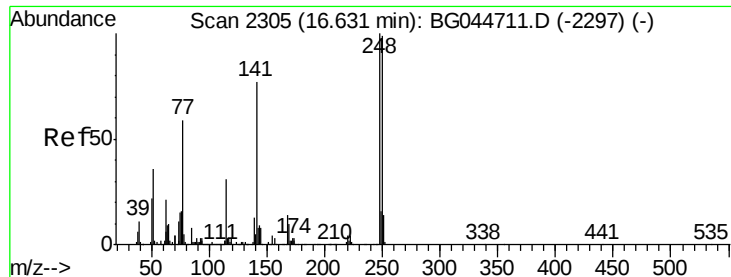
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 36.972 ng
RT: 15.94 min Scan# 2188
Delta R.T. -0.00 min
Lab File: BG044718.D
Acq: 11 Mar 2020 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	714915		
168	68.7		56.6	85.0
167	39.2		30.1	45.1





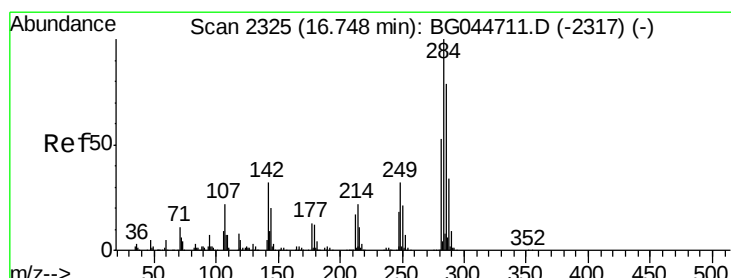
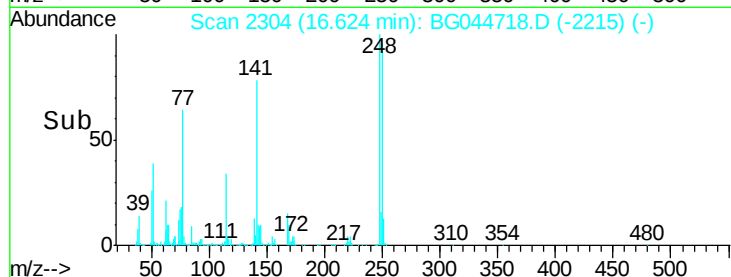
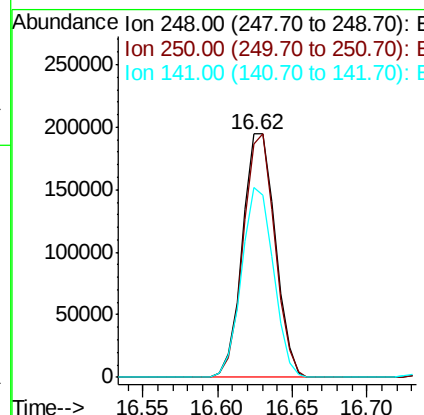
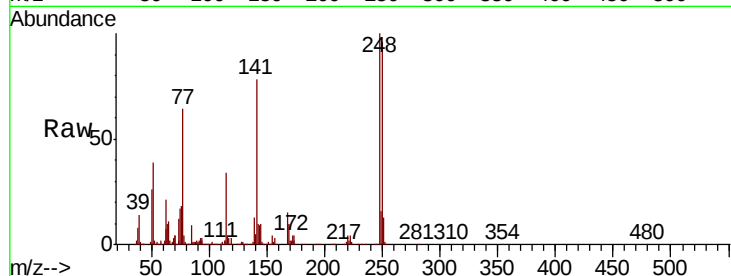
#67
4-Bromophenyl-phenylether
Concen: 36.960 ng
RT: 16.62 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BG044718.D
Acq: 11 Mar 2020 12:30

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.9	79.4	119.0
141	77.9	61.7	92.5

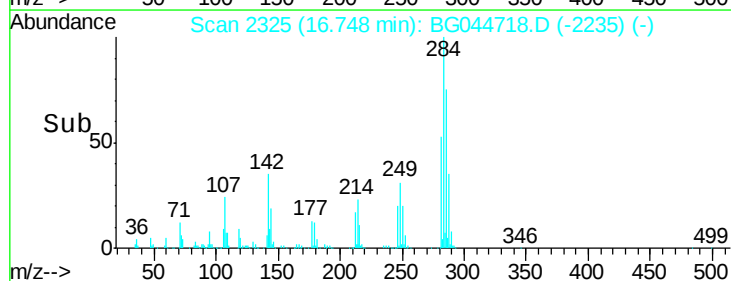
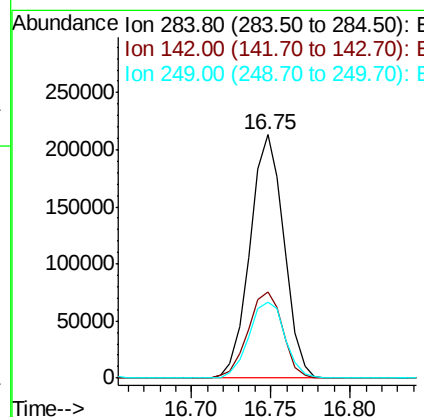
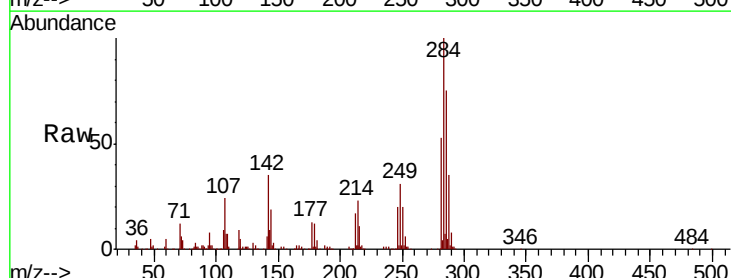
Manual Integrations
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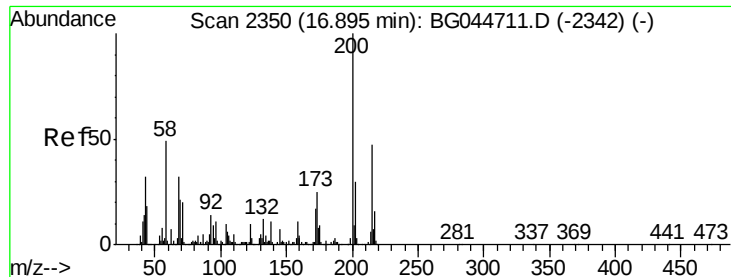
mohammad
3/16/2020 1:46:23 PM



#68
Hexachlorobenzene
Concen: 36.479 ng
RT: 16.75 min Scan# 2325
Delta R.T. -0.00 min
Lab File: BG044718.D
Acq: 11 Mar 2020 12:30

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.3	25.6	38.4
249	31.1	25.8	38.6





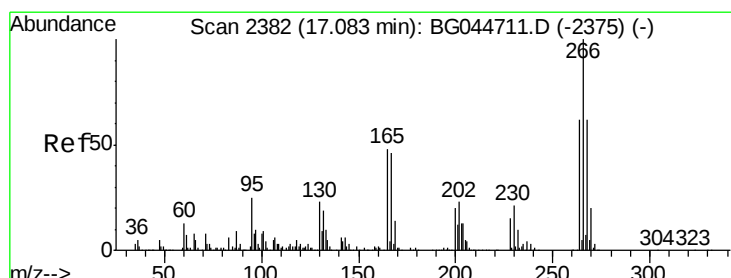
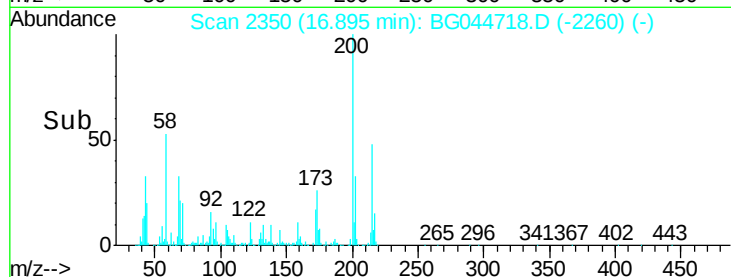
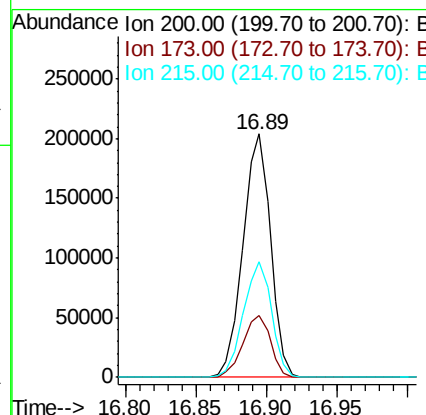
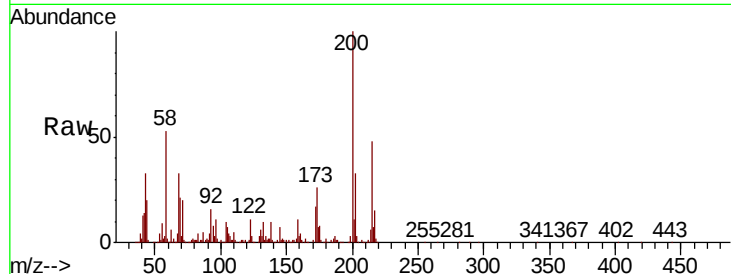
#69
Atrazine
Concen: 39.216 ng
RT: 16.89 min Scan# 2350
Delta R.T. -0.00 min
Lab File: BG044718.D
Acq: 11 Mar 2020 12:30

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.6	4.8	44.8
215	47.7	27.4	67.4

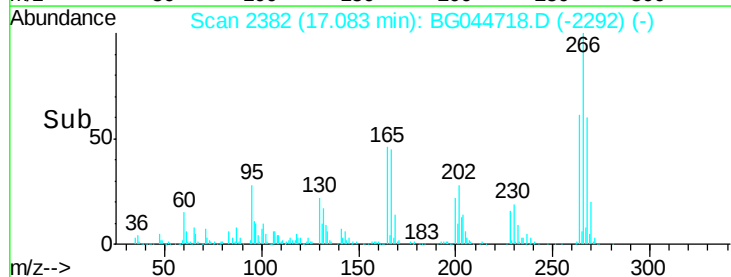
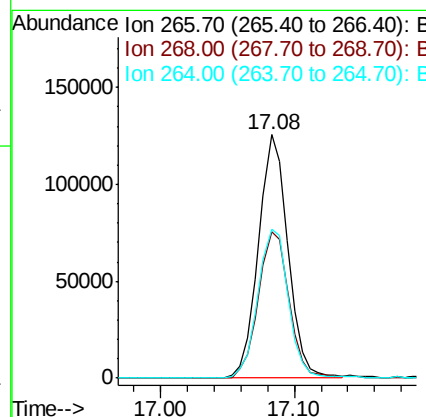
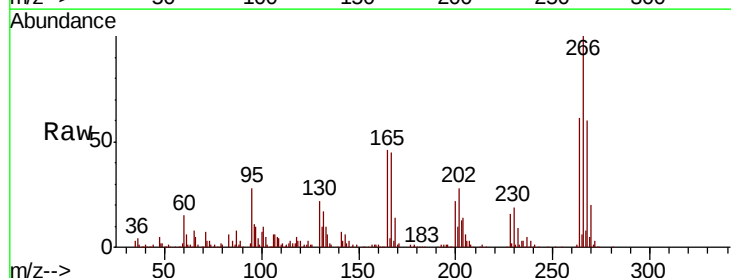
Manual Integrations
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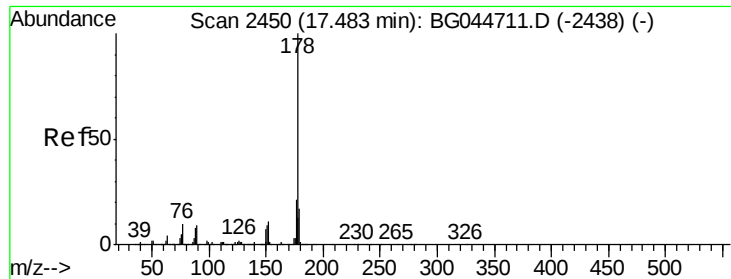
mohammad
3/16/2020 1:46:23 PM



#70
Pentachlorophenol
Concen: 39.916 ng
RT: 17.08 min Scan# 2382
Delta R.T. -0.00 min
Lab File: BG044718.D
Acq: 11 Mar 2020 12:30

Tgt Ion	Ratio	Lower	Upper
266	100		
268	59.9	49.9	74.9
264	60.9	49.9	74.9





#71

Phenanthrene

Concen: 38.325 ng

RT: 17.48 min Scan# 2450

Delta R.T. -0.00 min

Lab File: BG044718.D

Acq: 11 Mar 2020 12:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1315383

Ion Ratio Lower Upper

178 100

176 20.8 17.0 25.6

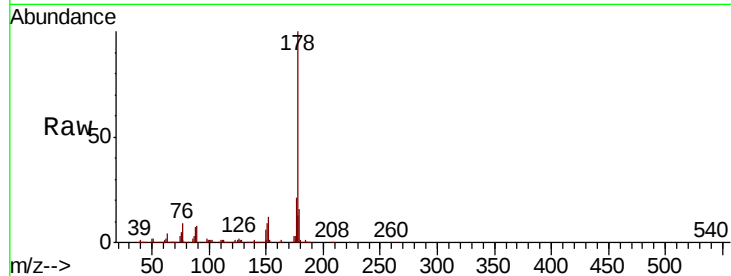
179 15.9 13.7 20.5

Manual Integrations

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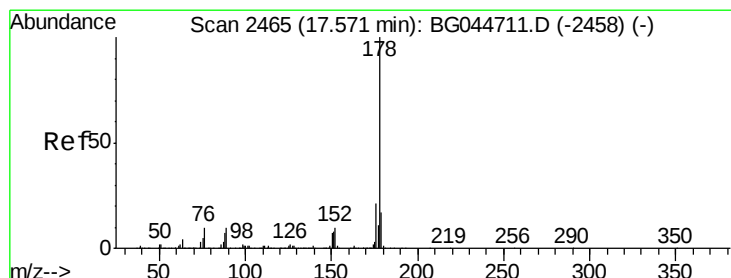
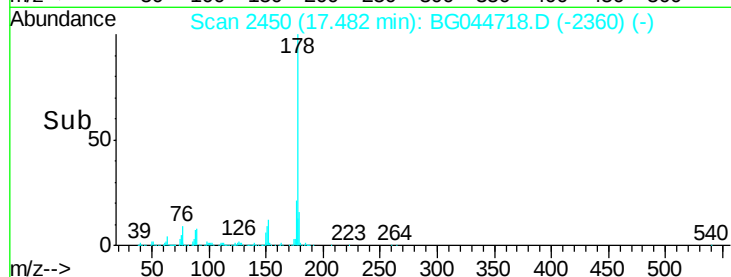
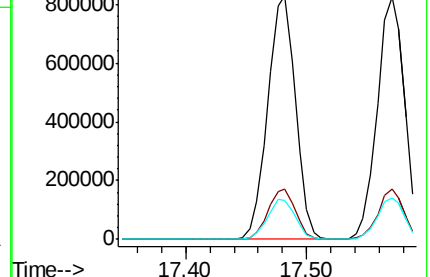
3/16/2020 1:46:23 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.457 ng

RT: 17.57 min Scan# 2465

Delta R.T. -0.00 min

Lab File: BG044718.D

Acq: 11 Mar 2020 12:30

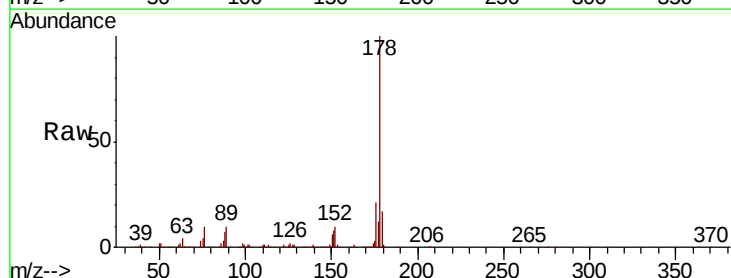
Tgt Ion:178 Resp: 1301498

Ion Ratio Lower Upper

178 100

176 20.7 17.0 25.6

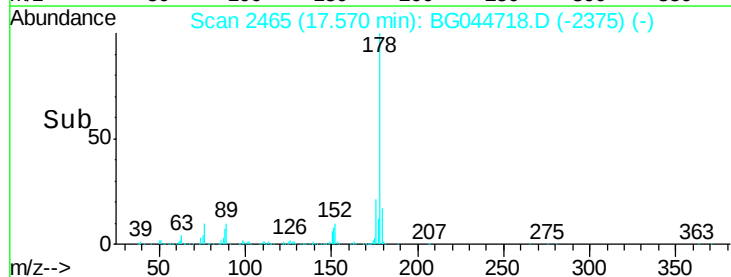
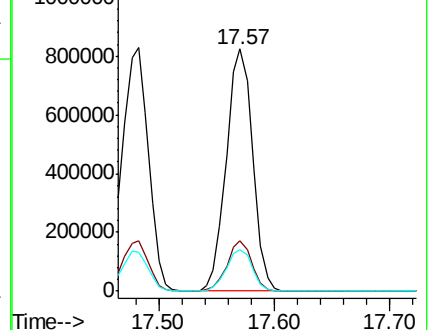
179 17.0 13.8 20.8

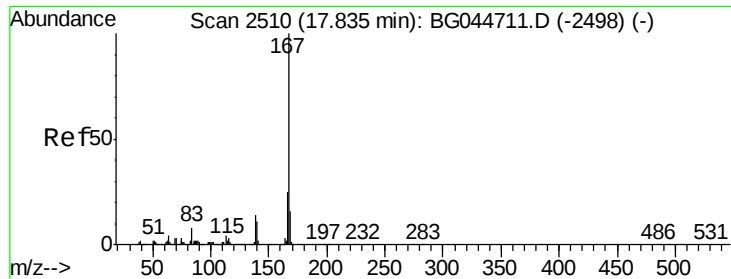


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 39.064 ng

RT: 17.83 min Scan# 2509

Delta R.T. -0.01 min

Lab File: BG044718.D

Acq: 11 Mar 2020 12:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:167 Resp: 1269935

Ion Ratio Lower Upper

167 100

166 23.7 19.6 29.4

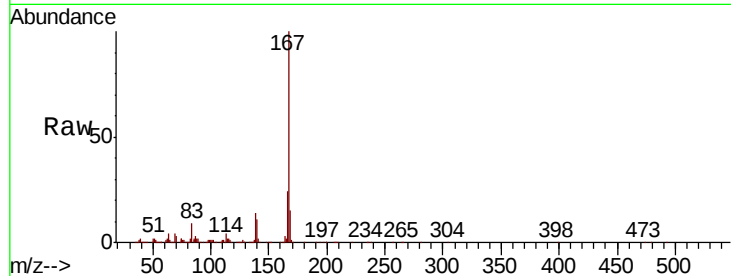
139 14.2 11.4 17.2

Manual Integrations

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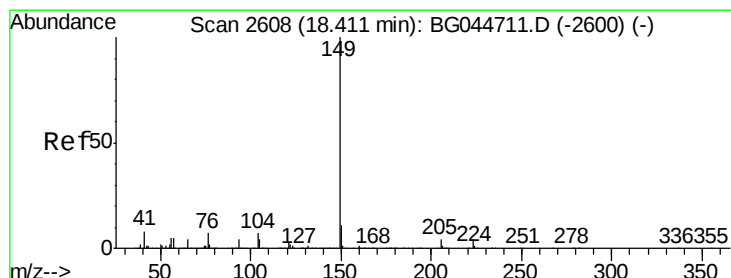
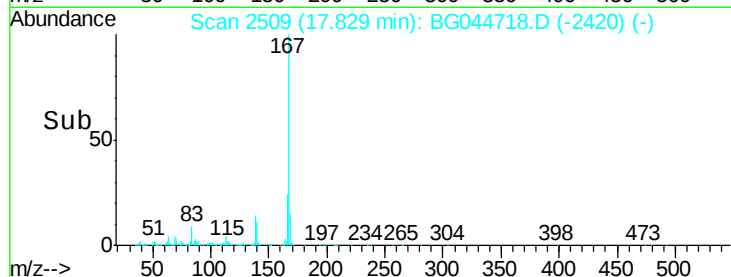
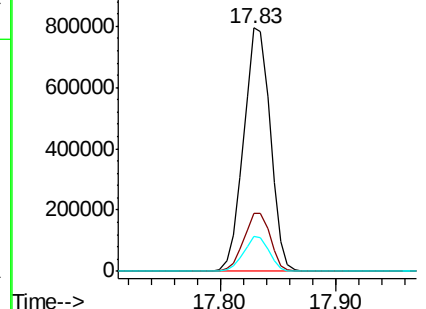
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.646 ng

RT: 18.41 min Scan# 2608

Delta R.T. -0.00 min

Lab File: BG044718.D

Acq: 11 Mar 2020 12:30

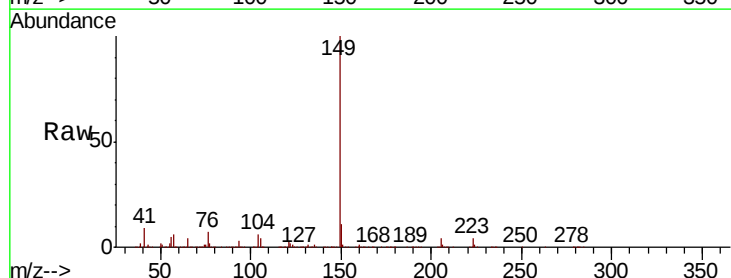
Tgt Ion:149 Resp: 1566728

Ion Ratio Lower Upper

149 100

150 10.7 8.4 12.6

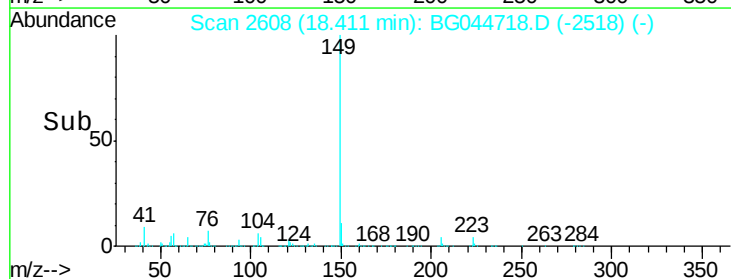
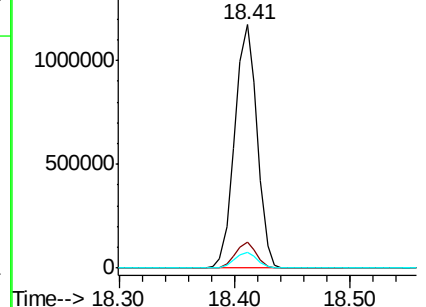
104 6.5 5.6 8.4

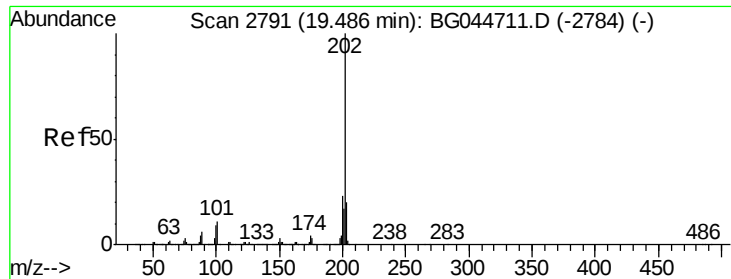


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.789 ng

RT: 19.49 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BG044718.D

Acq: 11 Mar 2020 12:30

Instrument :

BNA_G

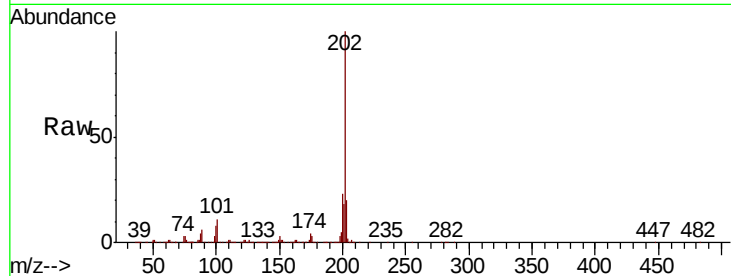
ClientSampleId :

SSTDCCC040

Tot Ion:	202	Resp:	1625991
Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	31.3
203	20.1	0.4	40.4

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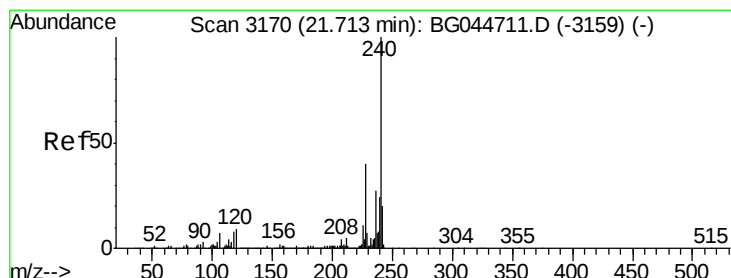
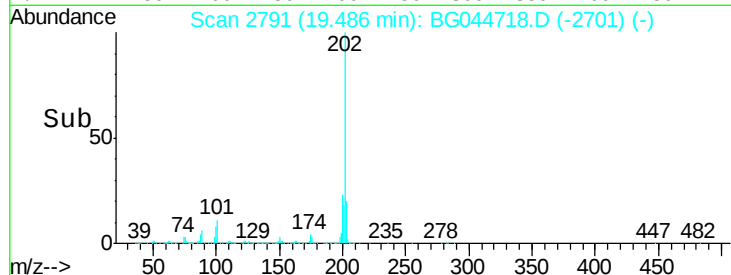
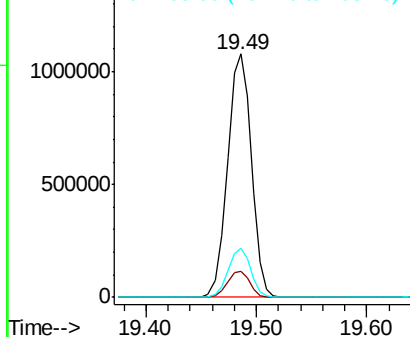


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.71 min Scan# 3170

Delta R.T. -0.00 min

Lab File: BG044718.D

Acq: 11 Mar 2020 12:30

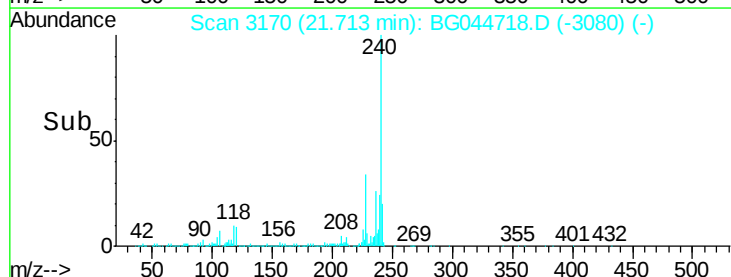
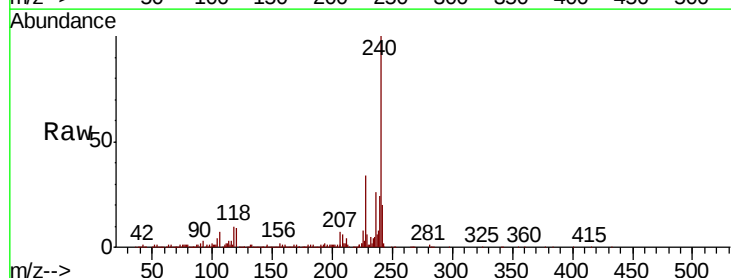
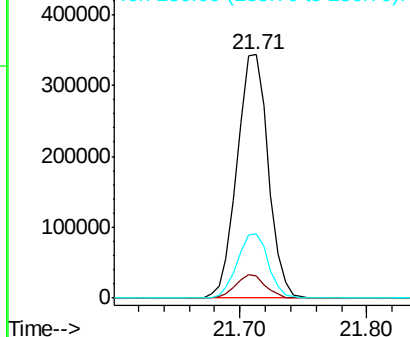
Tgt Ion:	240	Resp:	583971
Ion	Ratio	Lower	Upper
240	100		
120	9.1	6.9	10.3
236	26.2	21.9	32.9

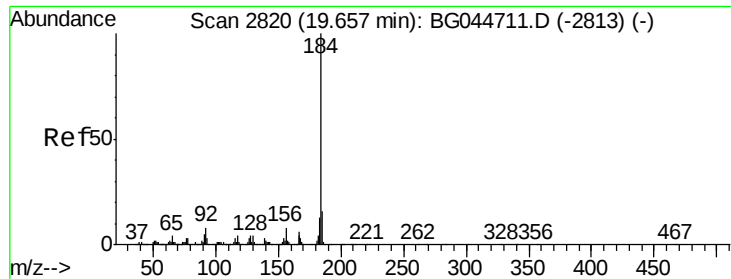
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.930 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.00 min

Lab File: BG044718.D

Acq: 11 Mar 2020 12:30

Instrument :

BNA_G

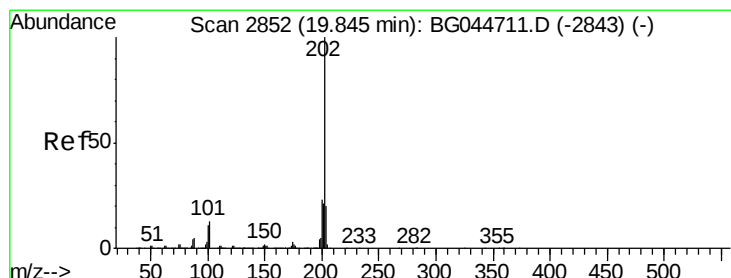
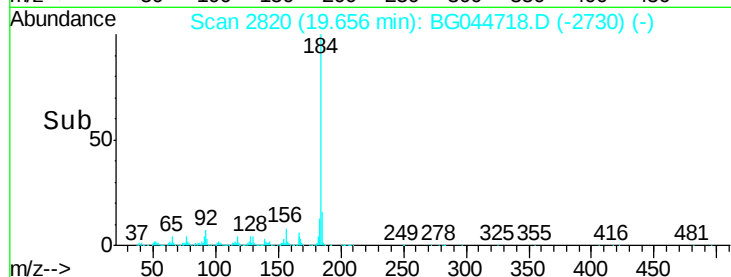
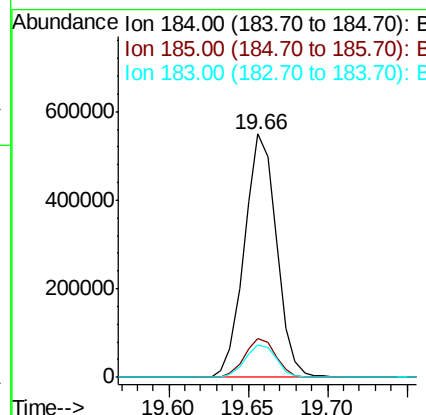
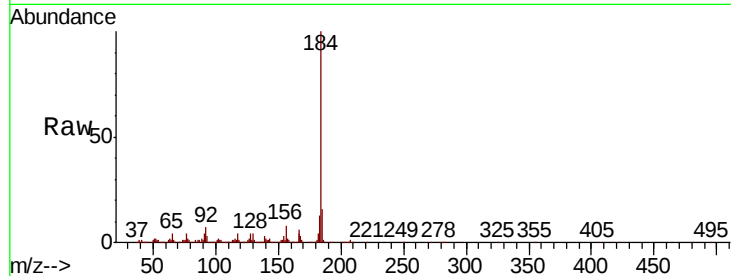
ClientSampleId :

SSTDCCC040

Tot Ion:	184	Resp:	775951
Ion Ratio	Lower	Upper	
184	100		
185	15.9	12.9	19.3
183	13.5	10.6	15.8

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#78

Pyrene

Concen: 37.917 ng

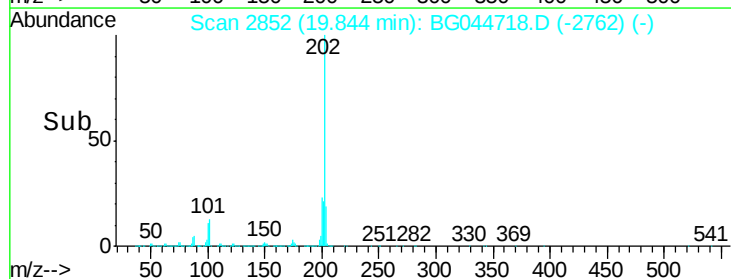
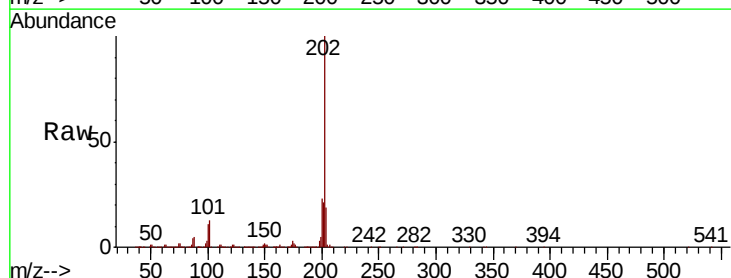
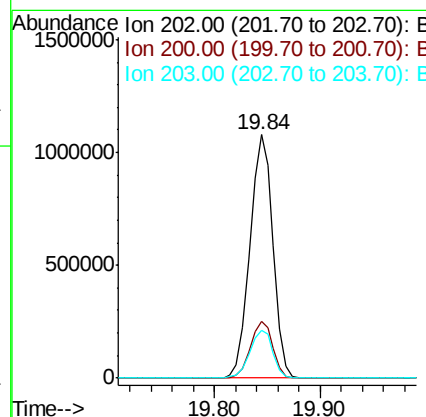
RT: 19.84 min Scan# 2852

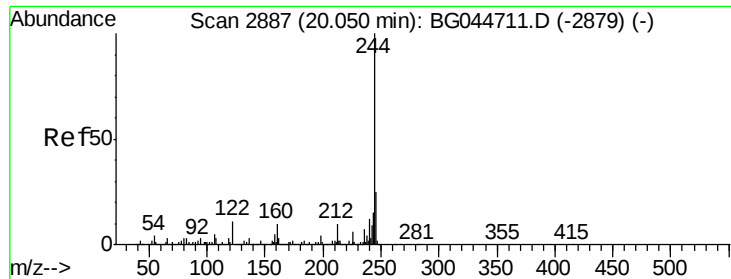
Delta R.T. -0.00 min

Lab File: BG044718.D

Acq: 11 Mar 2020 12:30

Tgt Ion:	202	Resp:	1624544
Ion Ratio	Lower	Upper	
202	100		
200	23.3	18.7	28.1
203	19.5	16.0	24.0





#79

Terphenyl-d14

Concen: 74.441 ng

RT: 20.05 min Scan# 2887

Delta R.T. -0.00 min

Lab File: BG044718.D

Acq: 11 Mar 2020 12:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 2323981

Ion Ratio Lower Upper

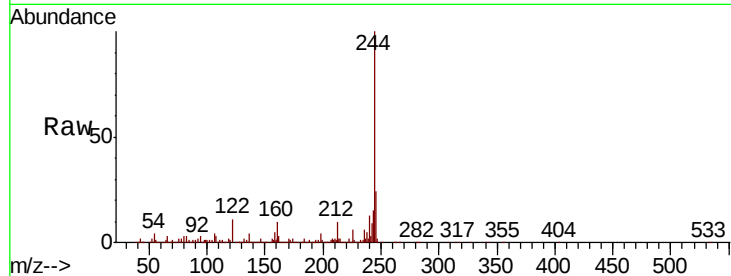
244 100

212 10.2 8.4 12.6

122 11.3 8.7 13.1

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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

2000000

1500000

1000000

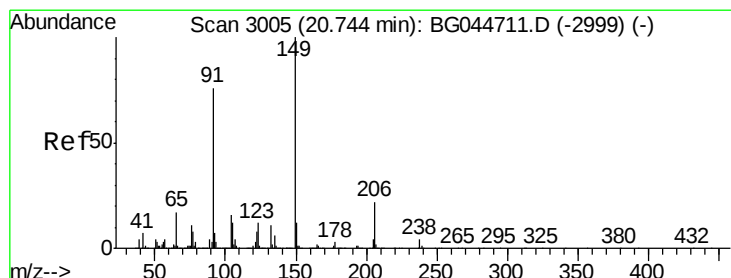
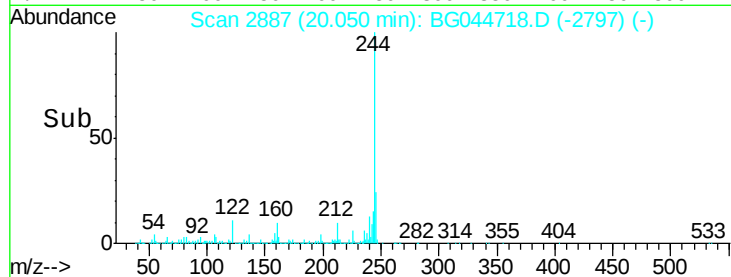
500000

0

20.05

20.00 20.10

Time-->



#80

Butylbenzylphthalate

Concen: 38.137 ng

RT: 20.74 min Scan# 3005

Delta R.T. -0.00 min

Lab File: BG044718.D

Acq: 11 Mar 2020 12:30

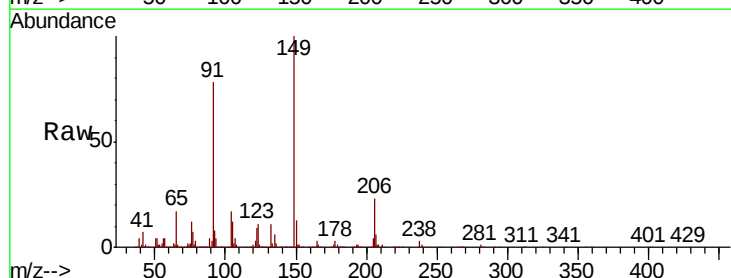
Tgt Ion:149 Resp: 726912

Ion Ratio Lower Upper

149 100

91 78.4 61.1 91.7

206 23.2 17.4 26.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

800000

600000

400000

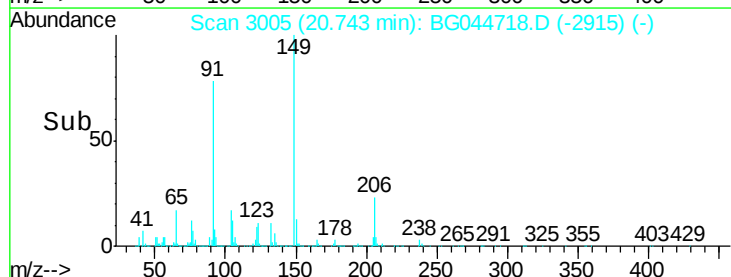
200000

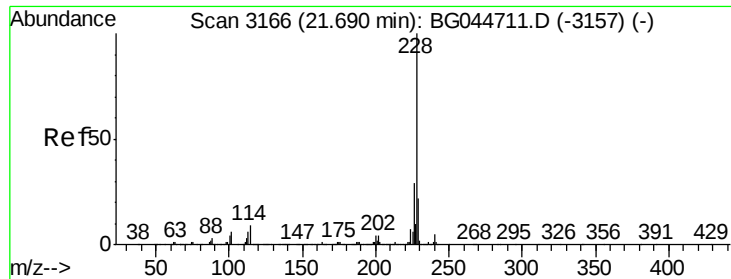
0

20.74

20.70 20.75 20.80

Time-->





#81

Benzo(a)anthracene

Concen: 38.069 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.00 min

Lab File: BG044718.D

Acq: 11 Mar 2020 12:30

Instrument :

BNA_G

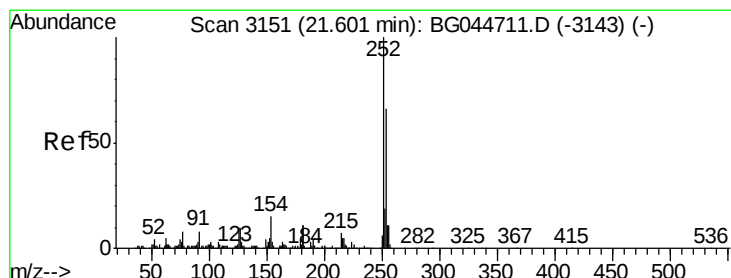
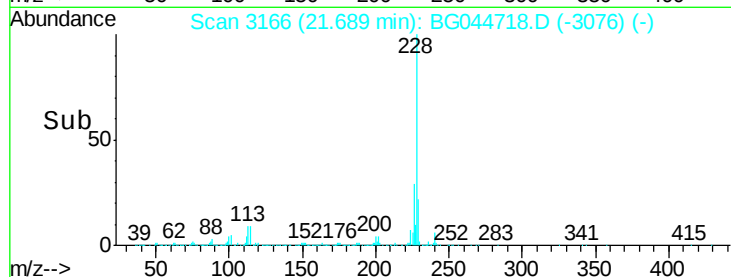
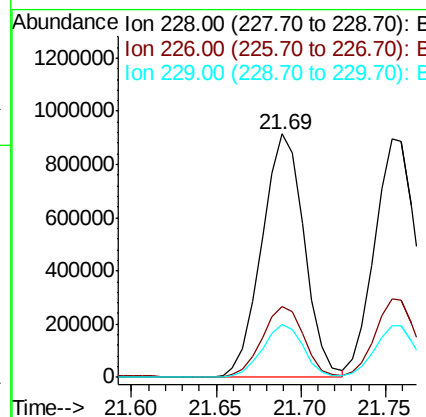
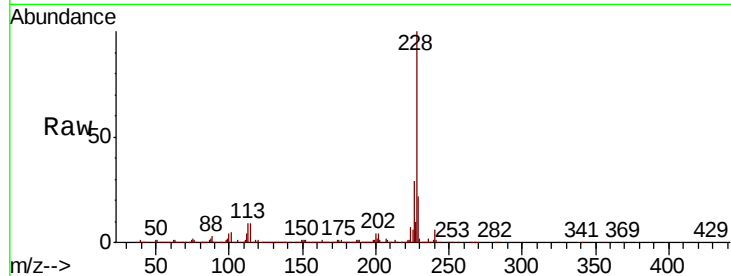
ClientSampleId :

SSTDCCC040

Tot Ion:	228	Resp:	1600814
Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.5	35.3
229	21.6	17.2	25.8

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 39.105 ng

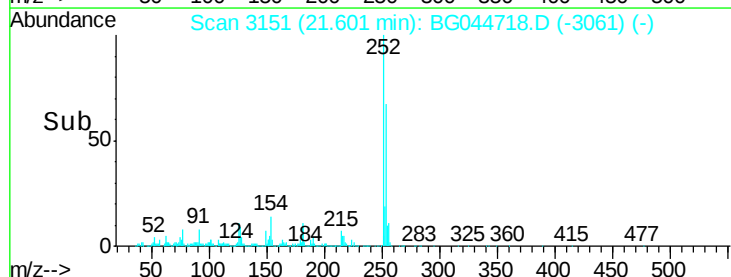
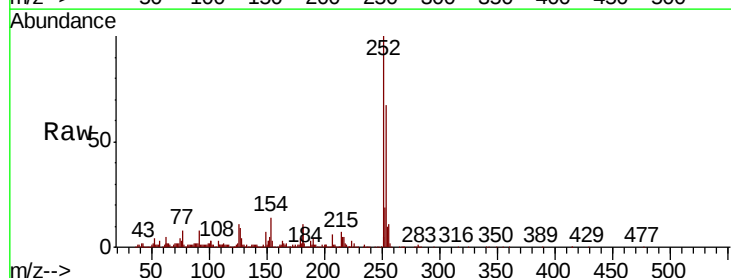
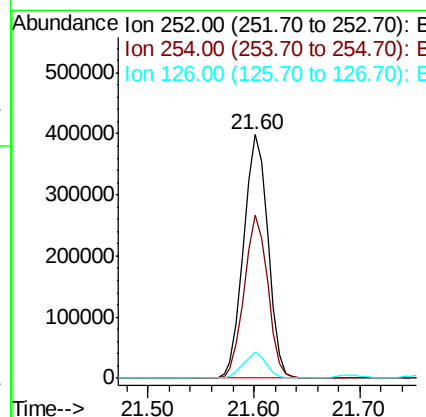
RT: 21.60 min Scan# 3151

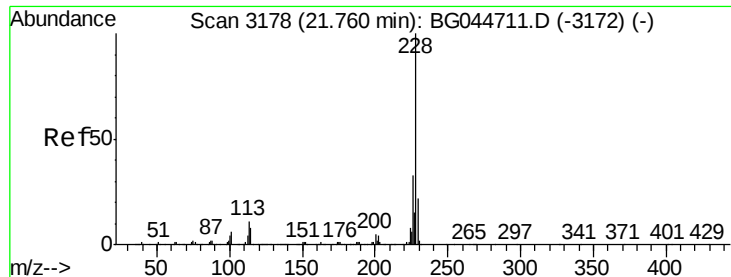
Delta R.T. -0.00 min

Lab File: BG044718.D

Acq: 11 Mar 2020 12:30

Tgt Ion:	252	Resp:	636156
Ion	Ratio	Lower	Upper
252	100		
254	66.9	53.0	79.4
126	10.7	8.2	12.4





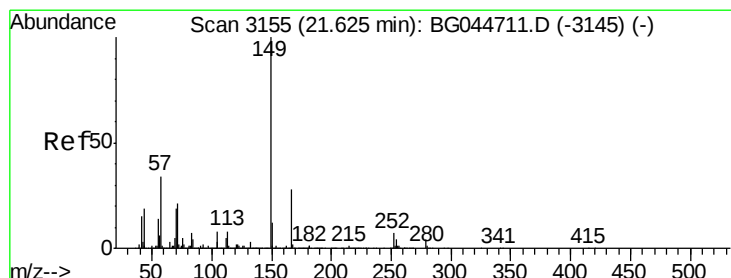
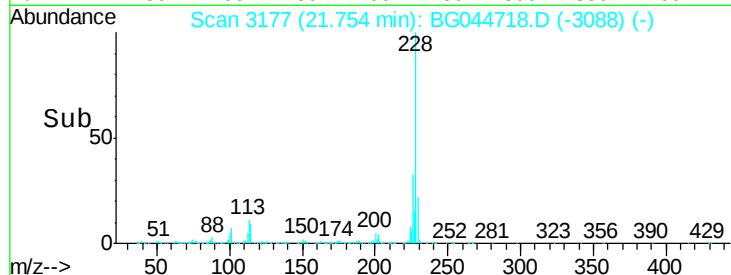
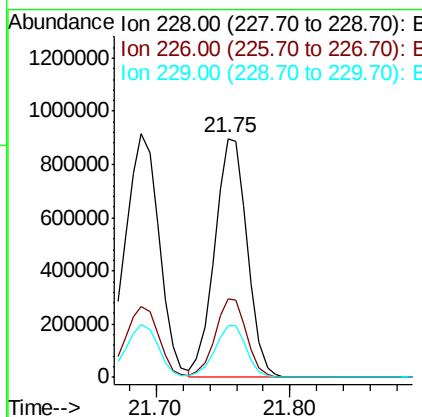
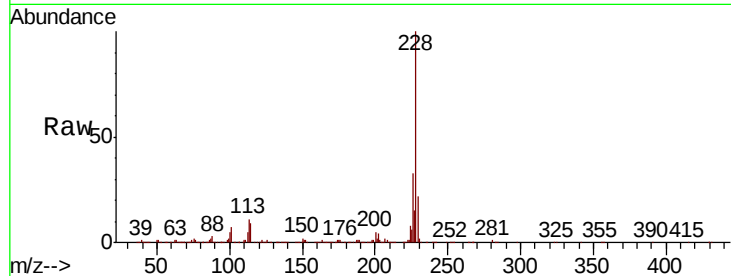
#83
Chrysene
Concen: 38.126 ng
RT: 21.75 min Scan# 3177
Delta R.T. -0.01 min
Lab File: BG044718.D
Acq: 11 Mar 2020 12:30

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:228 Resp: 1531426
Ion Ratio Lower Upper
228 100
226 33.1 26.1 39.1
229 21.8 17.4 26.0

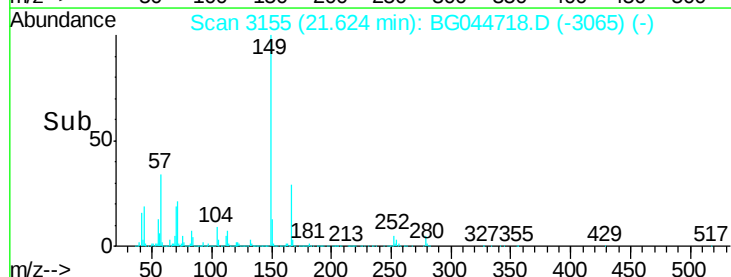
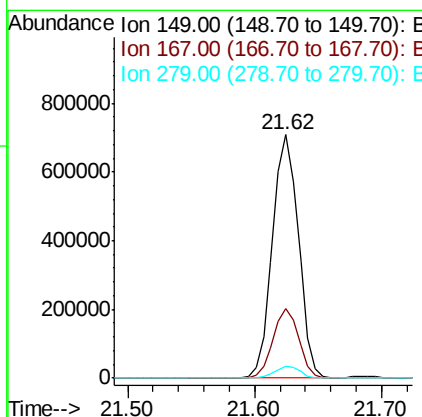
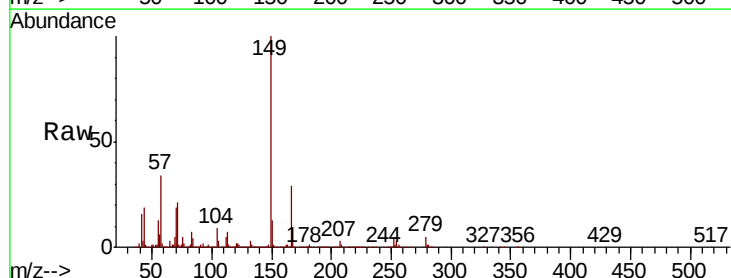
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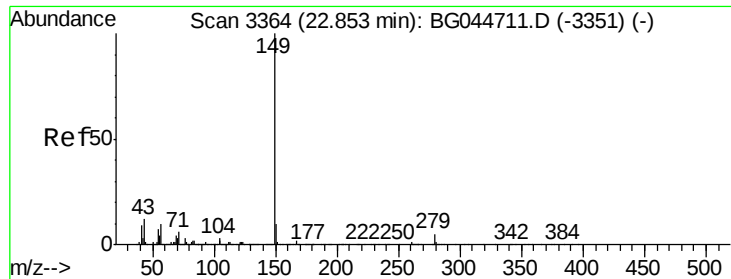
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#84
Bis(2-ethylhexyl)phthalate
Concen: 38.442 ng
RT: 21.62 min Scan# 3155
Delta R.T. -0.00 min
Lab File: BG044718.D
Acq: 11 Mar 2020 12:30

Tgt Ion:149 Resp: 1011249
Ion Ratio Lower Upper
149 100
167 28.5 22.6 33.8
279 4.8 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 39.395 ng

RT: 22.85 min Scan# 3364

Delta R.T. -0.00 min

Lab File: BG044718.D

Acq: 11 Mar 2020 12:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1734160

Ion Ratio Lower Upper

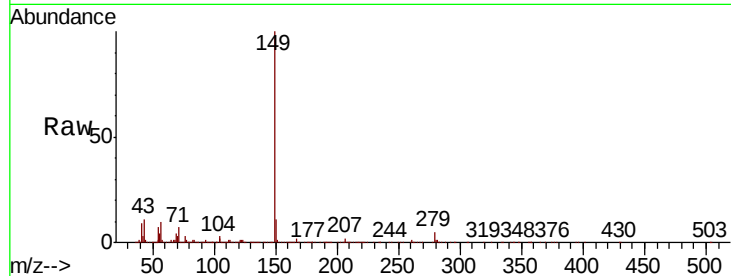
149 100

167 1.7 1.4 2.0

43 11.4 9.0 13.6

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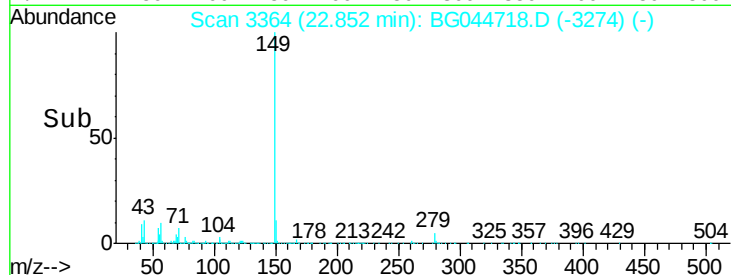


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B

Time--> 22.70 22.80 22.90

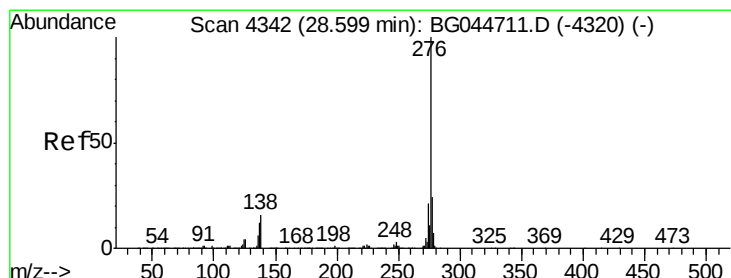


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B

Time--> 22.70 22.80 22.90



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.858 ng

RT: 28.59 min Scan# 4341

Delta R.T. -0.01 min

Lab File: BG044718.D

Acq: 11 Mar 2020 12:30

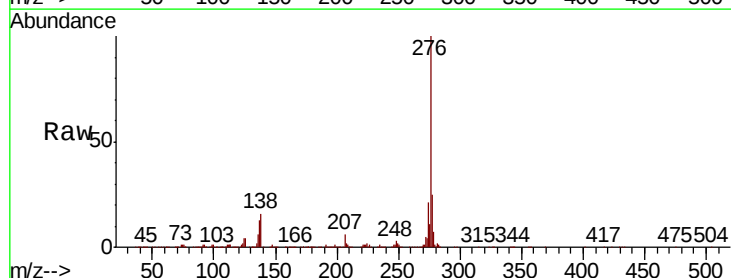
Tgt Ion:276 Resp: 2046300

Ion Ratio Lower Upper

276 100

138 19.9 10.9 16.3#

277 26.1 20.8 31.2

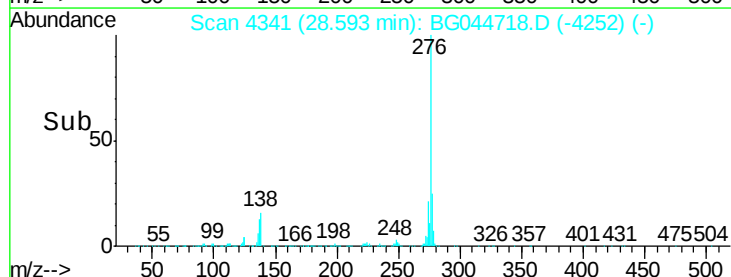


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

Time--> 28.40 28.60 28.80

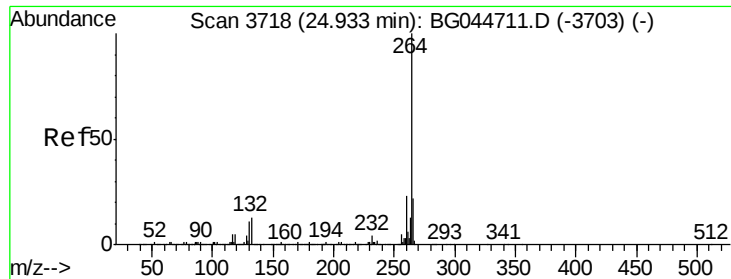


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

Time--> 28.40 28.60 28.80



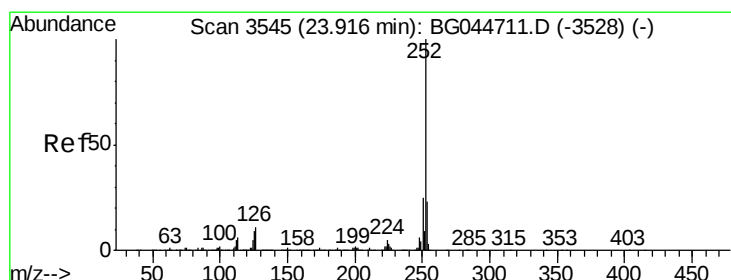
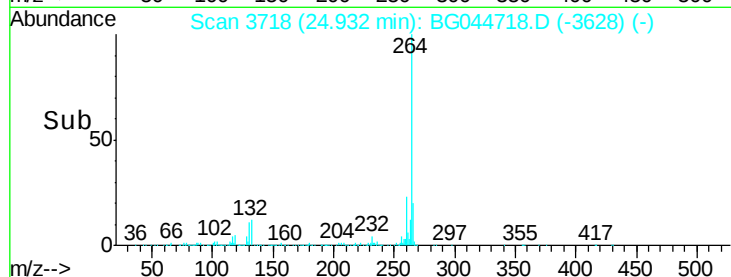
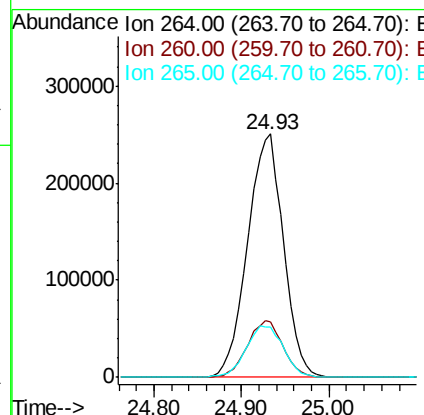
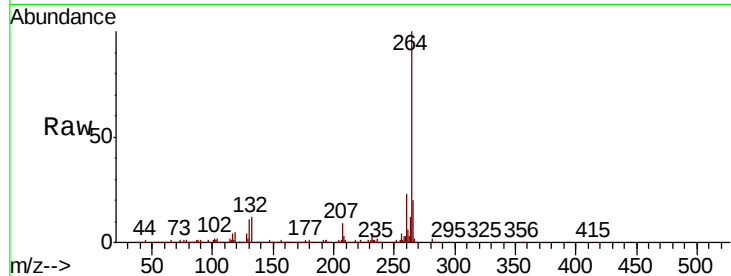
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3718
Delta R.T. -0.00 min
Lab File: BG044718.D
Acq: 11 Mar 2020 12:30

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.4	27.6
265	20.4	17.4	26.2

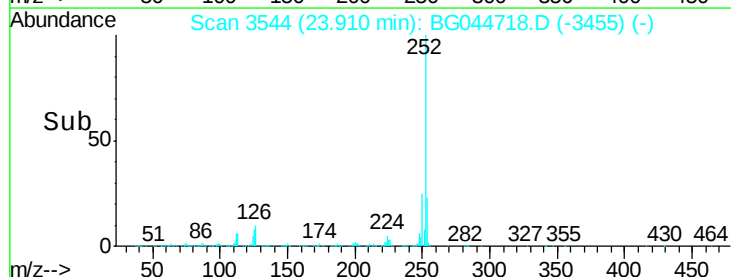
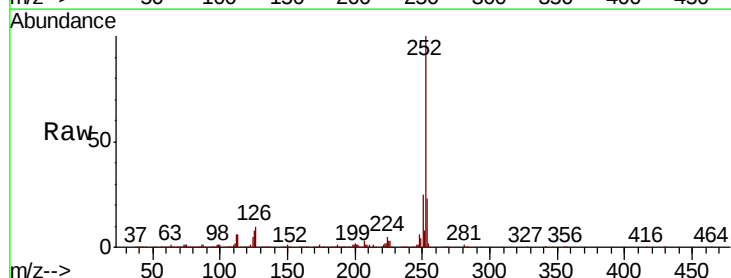
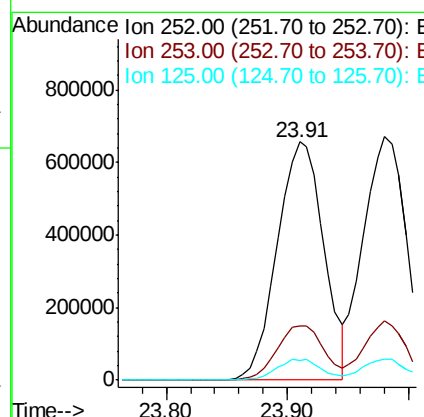
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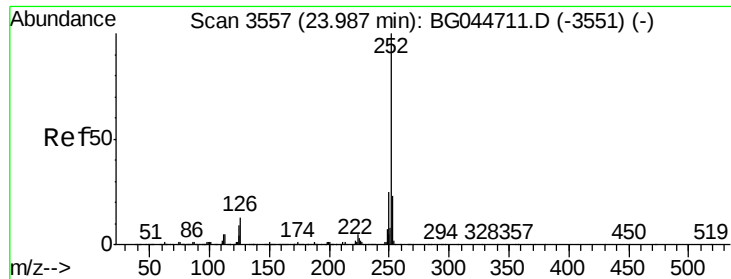
mohammad
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#88
Benzo(b)fluoranthene
Concen: 37.891 ng
RT: 23.91 min Scan# 3544
Delta R.T. -0.01 min
Lab File: BG044718.D
Acq: 11 Mar 2020 12:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.7	28.1
125	8.3	7.2	10.8





#89

Benzo(k)fluoranthene

Concen: 38.219 ng

RT: 23.98 min Scan# 3556

Delta R.T. -0.01 min

Lab File: BG044718.D

Acq: 11 Mar 2020 12:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:252 Resp: 1669258

Ion Ratio Lower Upper

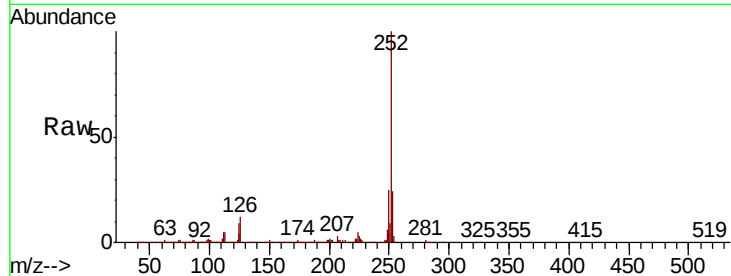
252 100

253 24.1 18.4 27.6

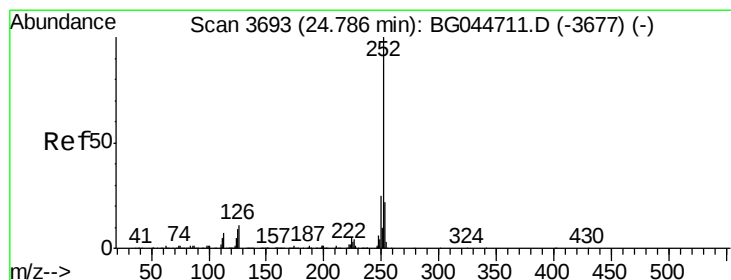
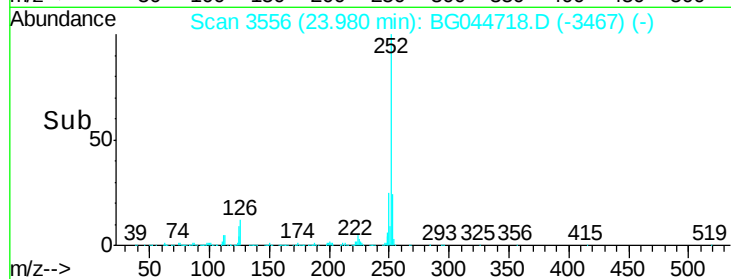
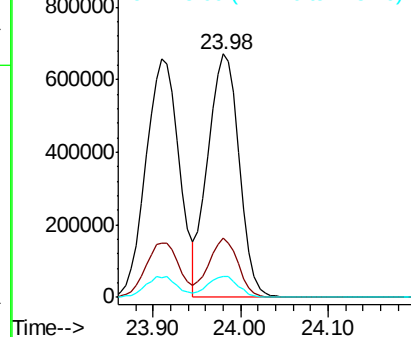
125 8.8 7.0 10.4

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 38.128 ng

RT: 24.78 min Scan# 3692

Delta R.T. -0.01 min

Lab File: BG044718.D

Acq: 11 Mar 2020 12:30

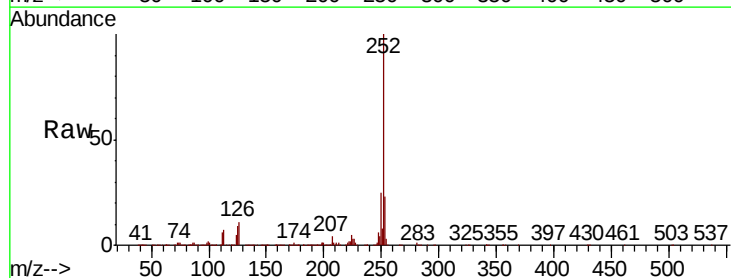
Tgt Ion:252 Resp: 1646582

Ion Ratio Lower Upper

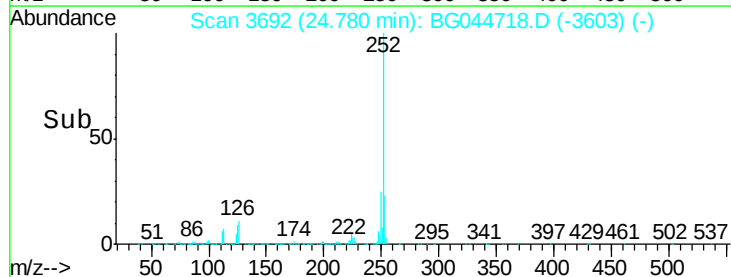
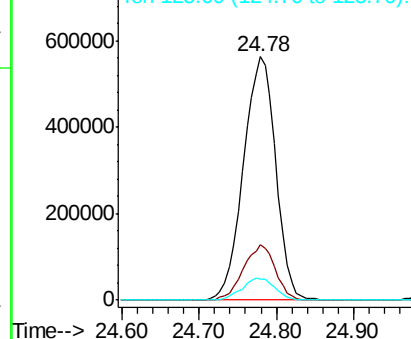
252 100

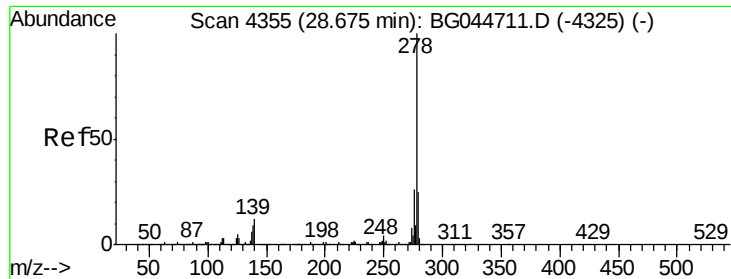
253 23.0 17.7 26.5

125 8.7 7.0 10.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





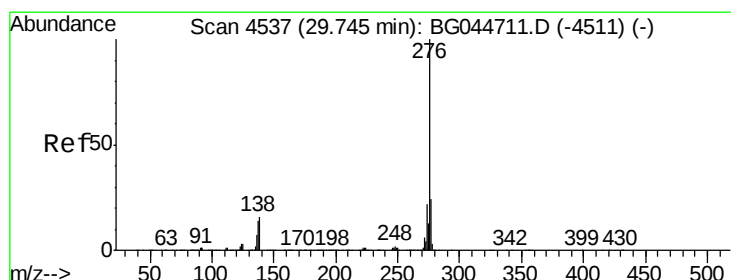
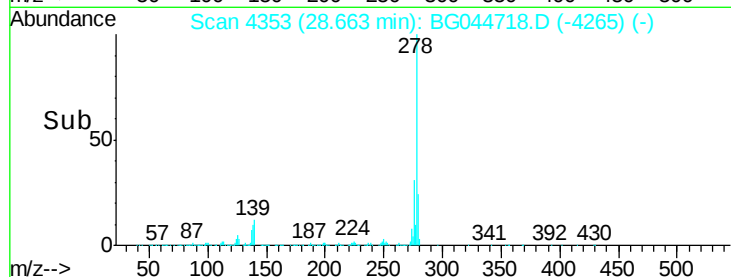
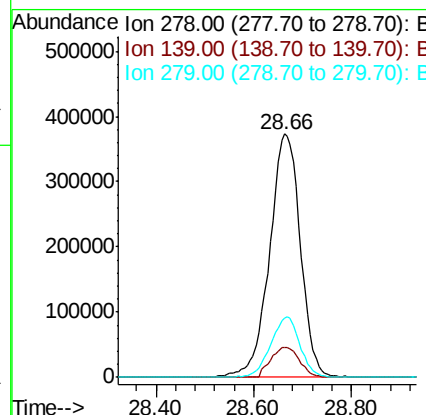
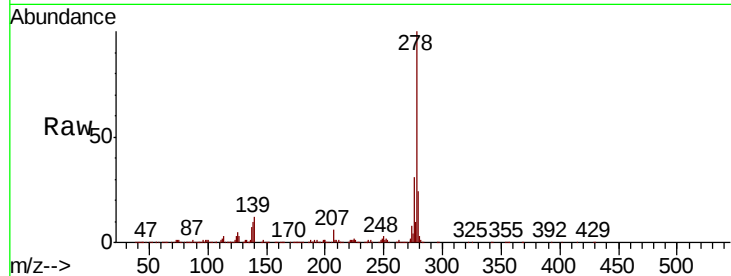
#91
Dibenzo(a,h)anthracene
Concen: 38.351 ng
RT: 28.66 min Scan# 4353
Delta R.T. -0.01 min
Lab File: BG044718.D
Acq: 11 Mar 2020 12:30

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.5	9.9	14.9
279	24.4	20.2	30.4

Manual Integrations
APPROVED

mohammad
3/16/2020 1:46:23 PM



#92
Benzo(g,h,i)perylene
Concen: 38.053 ng
RT: 29.74 min Scan# 4536
Delta R.T. -0.01 min
Lab File: BG044718.D
Acq: 11 Mar 2020 12:30

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	14.8	13.0	19.4

