

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070219\
 Data File : BG041574.D
 Acq On : 2 Jul 2019 15:55
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

mohammad
 7/3/2019 10:55:24 PM

Quant Time: Jul 03 07:45:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:25:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	23729	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	84165	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	59941	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	166600	20.00	ng	0.00
76) Chrysene-d12	21.70	240	201502	20.00	ng	0.00
87) Perylene-d12	24.99	264	223870	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	101179	76.02	ng	0.00
7) Phenol-d6	7.19	99	136944	73.09	ng	0.00
23) Nitrobenzene-d5	9.21	82	155746	77.18	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	81757	79.88	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	368677	78.93	ng	0.00
79) Terphenyl-d14	20.02	244	738658	77.90	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	23352	38.760	ng	98
3) Pyridine	3.83	79	59979	39.237	ng	96
4) n-Nitrosodimethylamine	3.75	42	32019	37.641	ng	# 94
6) Aniline	7.36	93	85853	35.548	ng	97
8) 2-Chlorophenol	7.59	128	55023	36.862	ng	98
9) Benzaldehyde	7.17	77	37843	33.445	ng	96
10) Phenol	7.22	94	67097	35.533	ng	97
11) bis(2-Chloroethyl)ether	7.44	93	52671	35.172	ng	98
12) 1,3-Dichlorobenzene	7.91	146	70836	36.685	ng	97
13) 1,4-Dichlorobenzene	8.07	146	74182	38.109	ng	97
14) 1,2-Dichlorobenzene	8.38	146	68749	36.888	ng	96
15) Benzyl Alcohol	8.28	79	51396	34.445	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.55	45	67688	32.188	ng	94
17) 2-Methylphenol	8.48	107	50010	36.382	ng	99
18) Hexachloroethane	9.11	117	28060	36.534	ng	88
19) n-Nitroso-di-n-propylamine	8.83	70	48684	34.835	ng	98
20) 3+4-Methylphenols	8.81	107	66627	36.367	ng	97
22) Acetophenone	8.87	105	96902	38.383	ng	# 98
24) Nitrobenzene	9.25	77	77463	38.242	ng	99
25) Isophorone	9.77	82	136401	37.647	ng	99
26) 2-Nitrophenol	9.96	139	32402	38.303	ng	94
27) 2,4-Dimethylphenol	10.01	122	45067	38.278	ng	96
28) bis(2-Chloroethoxy)methane	10.25	93	70251	36.668	ng	97
29) 2,4-Dichlorophenol	10.51	162	62572	39.347	ng	97
30) 1,2,4-Trichlorobenzene	10.71	180	78775	38.649	ng	94
31) Naphthalene	10.91	128	180870	38.859	ng	98
32) Benzoic acid	10.17	122	29084m	44.141	ng	
33) 4-Chloroaniline	11.02	127	72401	36.952	ng	96
34) Hexachlorobutadiene	11.16	225	63714	39.380	ng	93
35) Caprolactam	11.82	113	19470m	39.211	ng	
36) 4-Chloro-3-methylphenol	12.14	107	64634	37.512	ng	94
37) 2-Methylnaphthalene	12.50	142	131685	38.295	ng	96
38) 1-Methylnaphthalene	12.73	142	123988	37.794	ng	94
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	104788	39.701	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070219\
 Data File : BG041574.D
 Acq On : 2 Jul 2019 15:55
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTDC0040EC

Manual Integrations
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Quant Time: Jul 03 07:45:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:25:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	48071	35.685	ng	99
43) 2,4,6-Trichlorophenol	13.11	196	60355	38.541	ng	98
44) 2,4,5-Trichlorophenol	13.20	196	64610	41.414	ng	94
46) 1,1'-Biphenyl	13.51	154	181045	38.262	ng	98
47) 2-Chloronaphthalene	13.55	162	154172	37.952	ng	99
48) 2-Nitroaniline	13.77	65	51486	37.388	ng	98
49) Acenaphthylene	14.40	152	234891	38.685	ng	98
50) Dimethylphthalate	14.12	163	215493	39.506	ng	98
51) 2,6-Dinitrotoluene	14.26	165	44204	38.187	ng	98
52) Acenaphthene	14.74	154	137231	38.113	ng	97
53) 3-Nitroaniline	14.60	138	39918	36.122	ng	98
54) 2,4-Dinitrophenol	14.81	184	23523	35.566	ng	98
55) Dibenzofuran	15.08	168	244794	39.052	ng	98
56) 4-Nitrophenol	14.92	139	26043	36.517	ng	98
57) 2,4-Dinitrotoluene	15.05	165	66277	39.466	ng	98
58) Fluorene	15.72	166	197221	39.549	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	66136	40.212	ng	99
60) Diethylphthalate	15.48	149	221792	39.723	ng	97
61) 4-Chlorophenyl-phenylether	15.71	204	127941	39.776	ng	98
62) 4-Nitroaniline	15.76	138	42493	39.454	ng	95
63) Azobenzene	16.00	77	182769	38.825	ng	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	38835	37.638	ng	93
66) n-Nitrosodiphenylamine	15.93	169	175761	38.332	ng	97
67) 4-Bromophenyl-phenylether	16.60	248	87701	38.522	ng	97
68) Hexachlorobenzene	16.72	284	95647	38.993	ng	96
69) Atrazine	16.87	200	73057	37.642	ng	97
70) Pentachlorophenol	17.07	266	40524	36.460	ng	# 88
71) Phenanthrene	17.47	178	363646	39.617	ng	99
72) Anthracene	17.56	178	363568	39.586	ng	99
73) Carbazole	17.84	167	315433	40.401	ng	99
74) Di-n-butylphthalate	18.36	149	396835	40.440	ng	99
75) Fluoranthene	19.48	202	513576	41.966	ng	100
77) Benzidine	19.67	184	151810	33.955	ng	100
78) Pyrene	19.84	202	520956	37.872	ng	100
80) Butylbenzylphthalate	20.71	149	190807	37.141	ng	98
81) Benzo(a)anthracene	21.68	228	543480	38.795	ng	99
82) 3,3'-Dichlorobenzidine	21.60	252	189353	39.034	ng	98
83) Chrysene	21.75	228	524456	38.676	ng	98
84) Bis(2-ethylhexyl)phthalate	21.55	149	271102	37.223	ng	99
85) Di-n-octyl phthalate	22.77	149	460178	37.337	ng	99
86) Indeno(1,2,3-cd)pyrene	28.77	276	652990	39.768	ng	# 99
88) Benzo(b)fluoranthene	23.94	252	545974	38.236	ng	99
89) Benzo(k)fluoranthene	24.00	252	547976	39.089	ng	97
90) Benzo(a)pyrene	24.83	252	522033	38.494	ng	96
91) Dibenzo(a,h)anthracene	28.83	278	528957	38.933	ng	99
92) Benzo(g,h,i)perylene	29.95	276	522677	38.692	ng	99

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

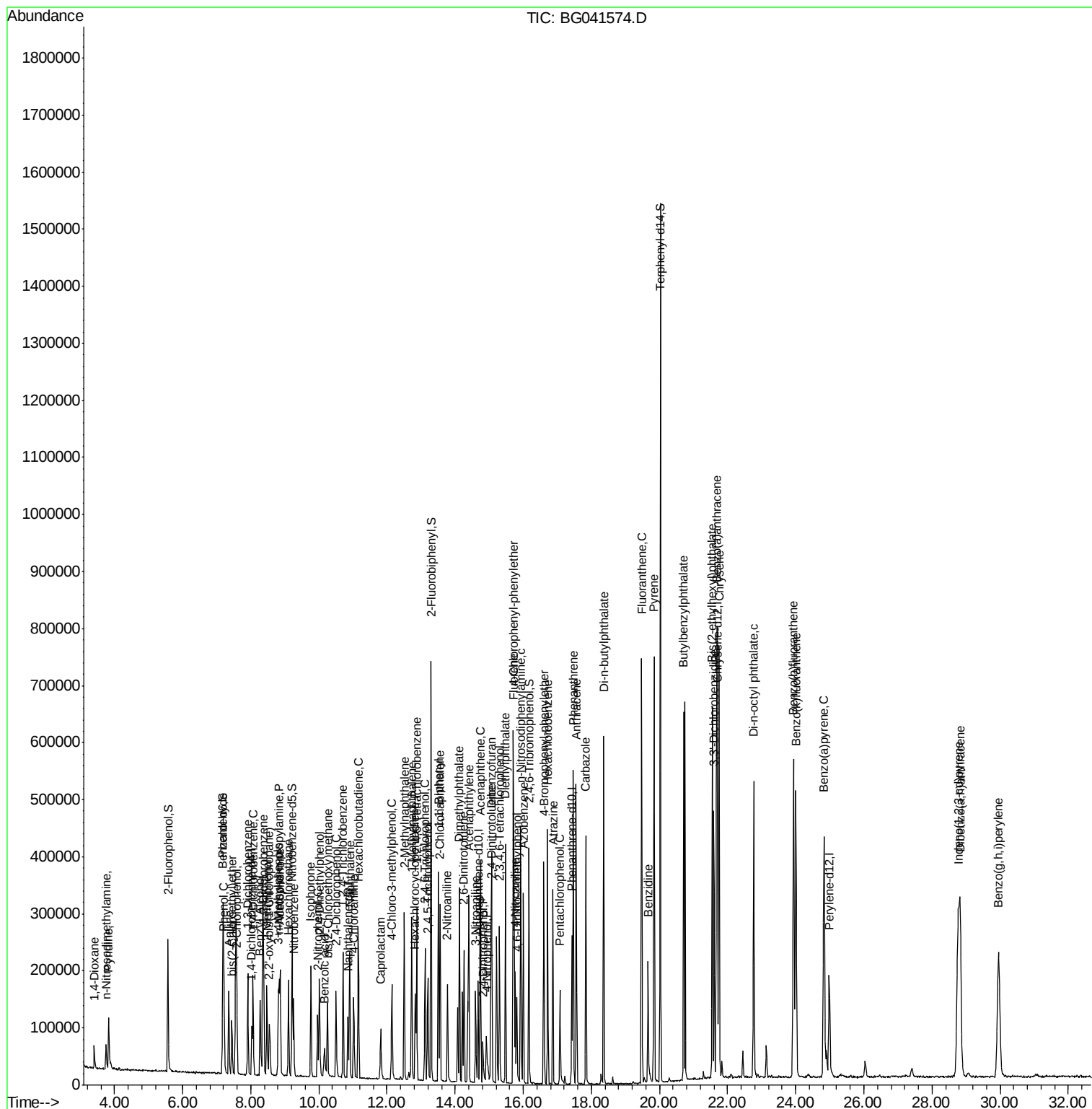
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070219\
Data File : BG041574.D
Acq On : 2 Jul 2019 15:55
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

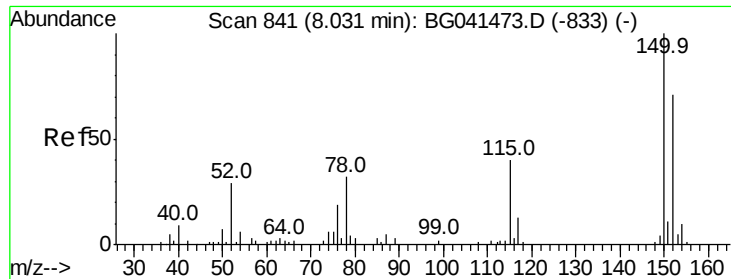
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

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#1

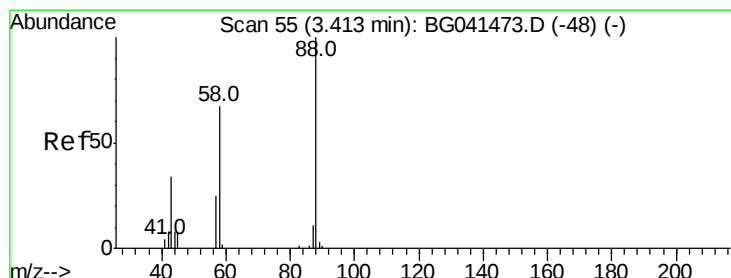
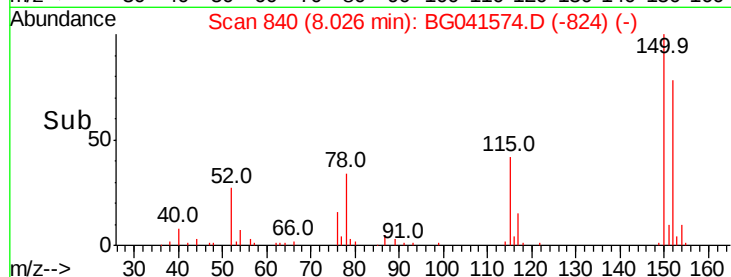
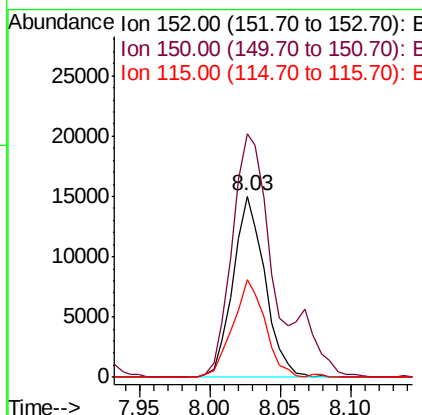
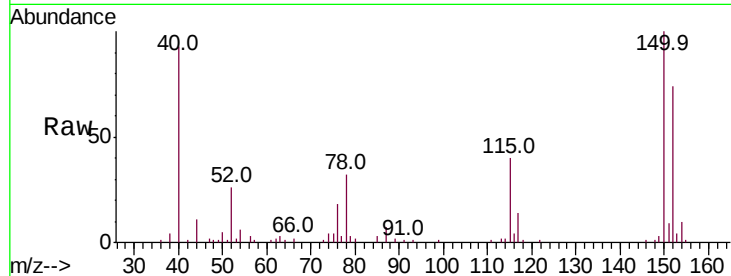
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG041574.D
Acq: 2 Jul 2019 15:55

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	134.6	112.4	168.6
115	54.1	44.6	66.8

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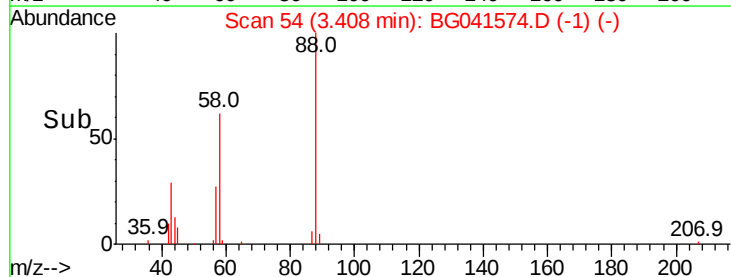
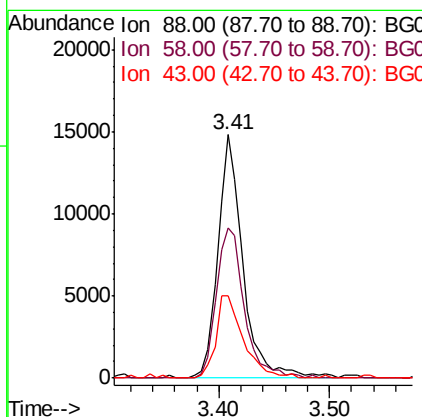
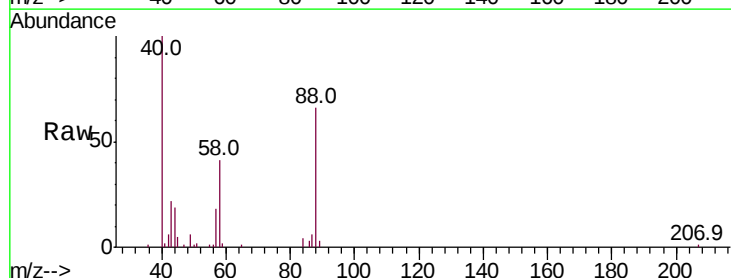
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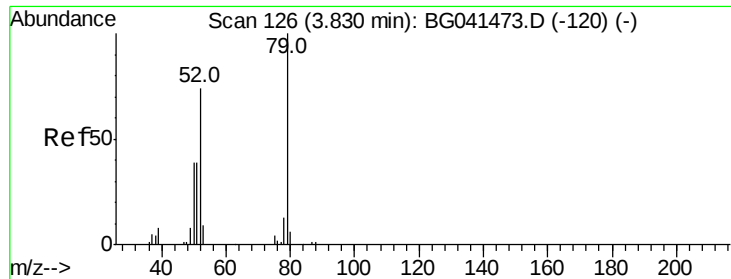


#2

1,4-Dioxane
Concen: 38.760 ng
RT: 3.41 min Scan# 54
Delta R.T. -0.01 min
Lab File: BG041574.D
Acq: 2 Jul 2019 15:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.7	55.8	83.8
43	37.1	27.8	41.8





#3

Pvridine

Concen: 39.237 ng

RT: 3.83 min Scan# 125

Delta R.T. -0.01 min

Lab File: BG041574.D

Acq: 2 Jul 2019 15:55

Instrument :

BNA_G

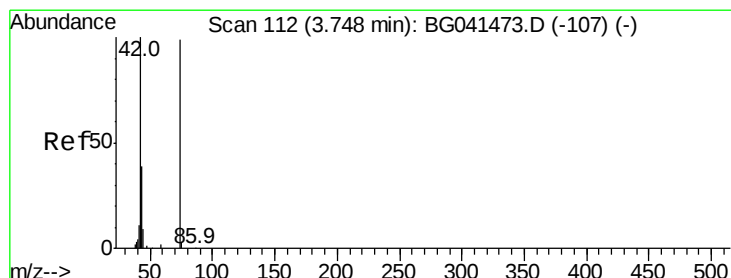
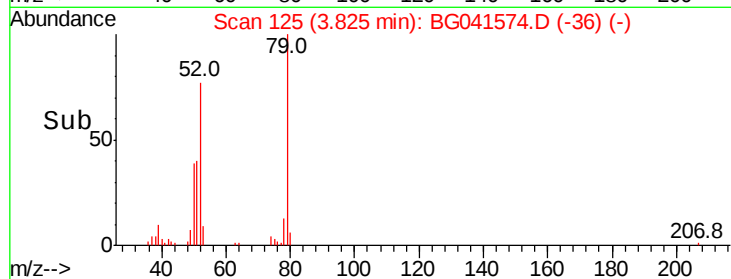
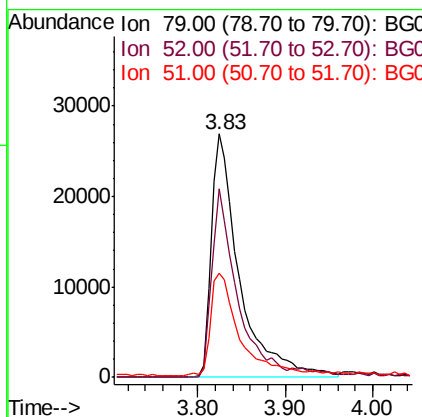
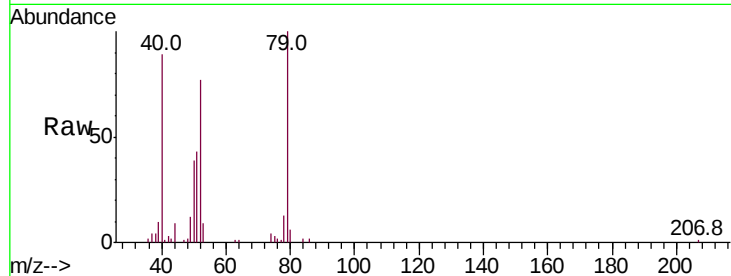
ClientSampleId :

SSTDCCC040EC

Tot Ion:	79	Resp:	59979
Ion	Ratio	Lower	Upper
79	100		
52	77.3	59.4	89.0
51	42.8	32.3	48.5

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#4

n-Nitrosodimethylamine

Concen: 37.641 ng

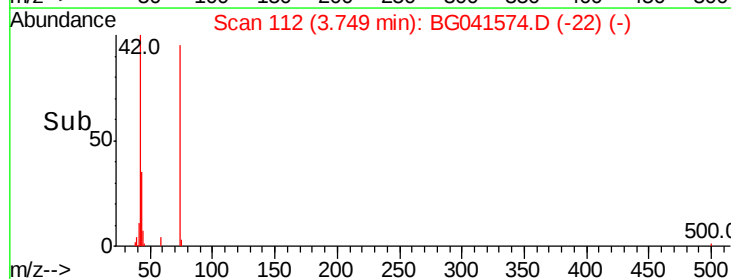
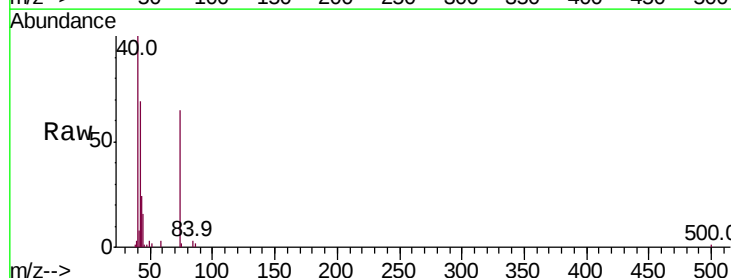
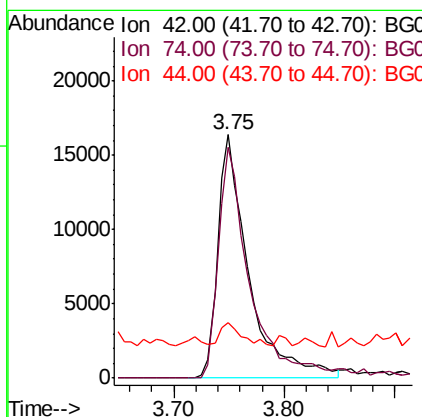
RT: 3.75 min Scan# 112

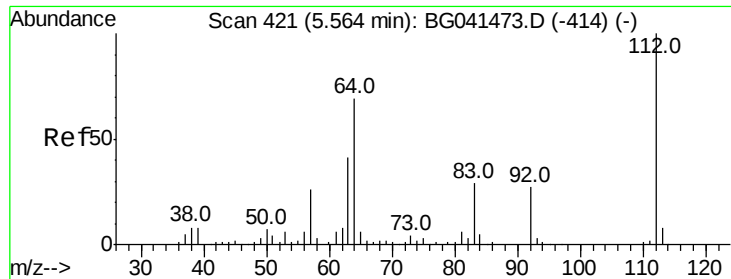
Delta R.T. 0.00 min

Lab File: BG041574.D

Acq: 2 Jul 2019 15:55

Tgt Ion:	42	Resp:	32019
Ion	Ratio	Lower	Upper
42	100		
74	94.6	79.5	119.3
44	22.6	14.2	21.2#





#5

2-Fluorophenol

Concen: 76.020 ng

RT: 5.56 min Scan# 421

Delta R.T. 0.00 min

Lab File: BG041574.D

Acq: 2 Jul 2019 15:55

Instrument :

BNA_G

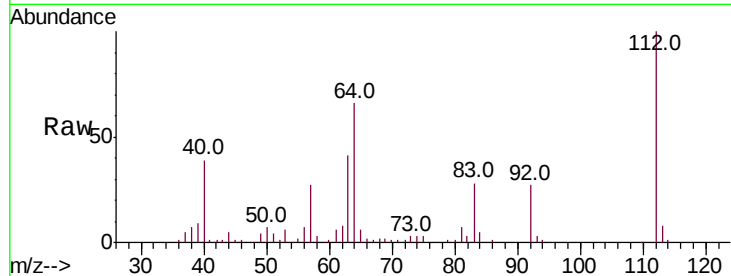
ClientSampleId :

SSTDCCC040EC

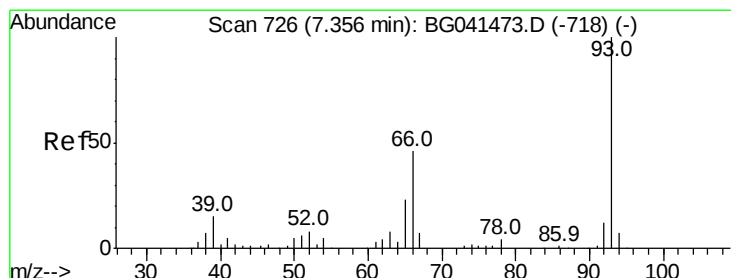
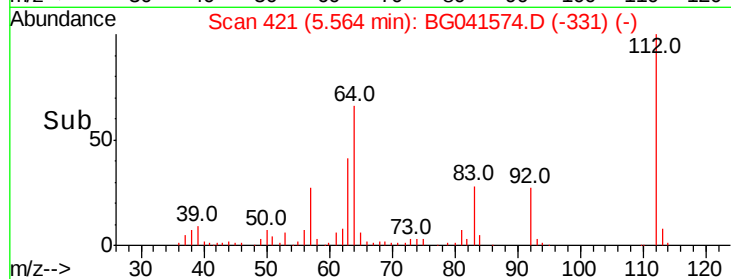
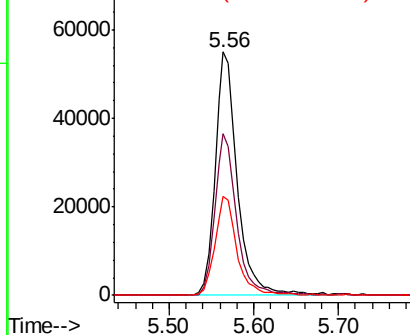
Tot Ion:	112	Resp:	101179
Ion Ratio	Lower	Upper	
112	100		
64	66.2	55.1	82.7
63	40.8	32.4	48.6

Manual Integrations
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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: 35.548 ng

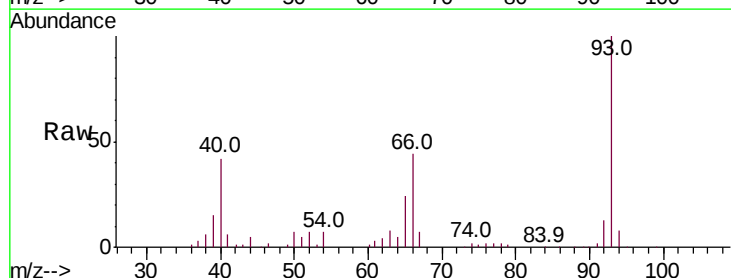
RT: 7.36 min Scan# 726

Delta R.T. 0.00 min

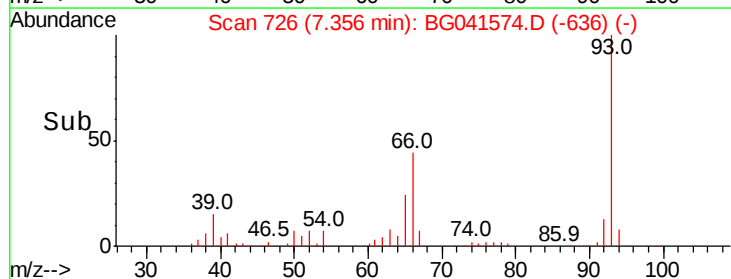
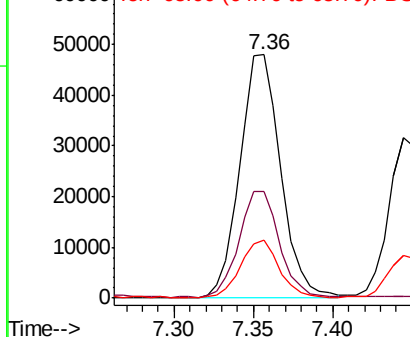
Lab File: BG041574.D

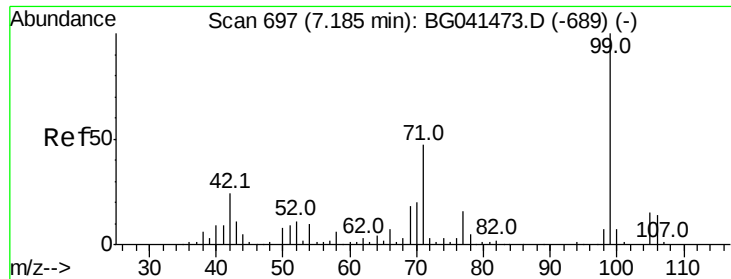
Acq: 2 Jul 2019 15:55

Tgt Ion:	93	Resp:	85853
Ion Ratio	Lower	Upper	
93	100		
66	44.1	37.4	56.0
65	24.1	18.6	27.8



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: 73.090 ng

RT: 7.19 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG041574.D

Acq: 2 Jul 2019 15:55

Instrument :

BNA_G

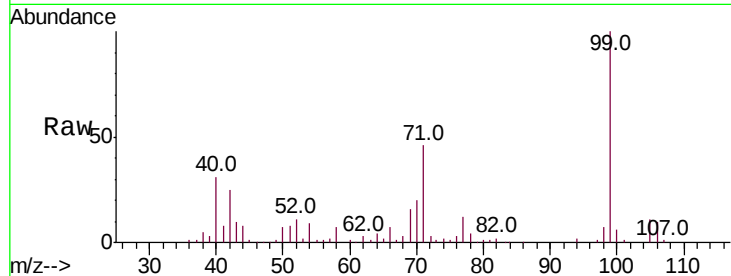
ClientSampleId :

SSTDCCC040EC

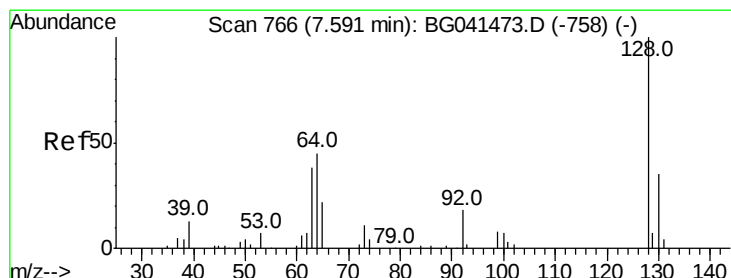
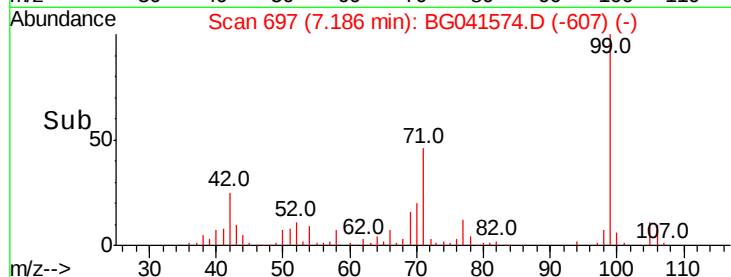
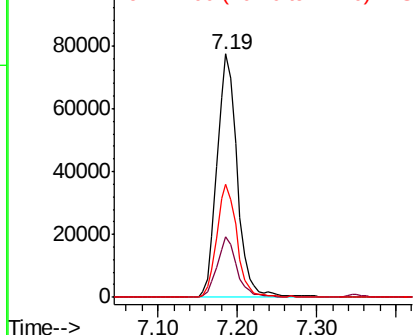
Tot Ion:	99	Resp:	136944
Ion Ratio	Lower	Upper	
99	100		
42	24.8	19.0	28.6
71	46.4	37.4	56.2

Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 36.862 ng

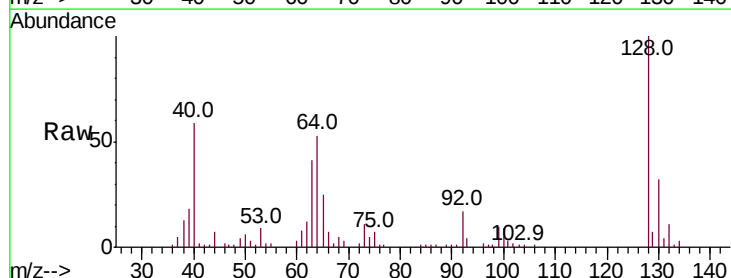
RT: 7.59 min Scan# 766

Delta R.T. -0.01 min

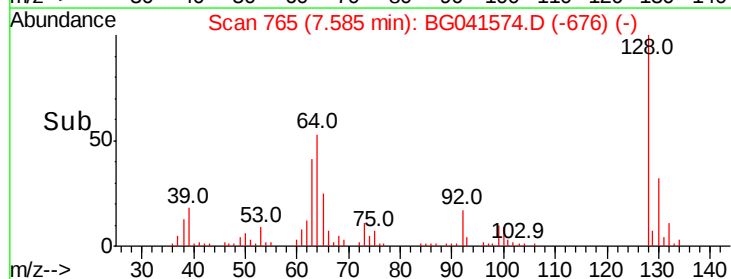
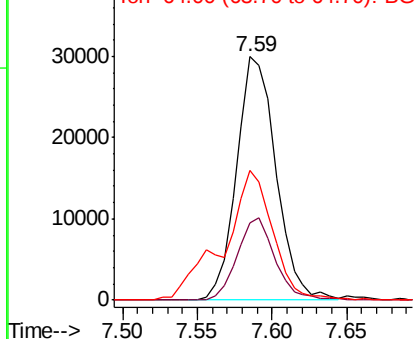
Lab File: BG041574.D

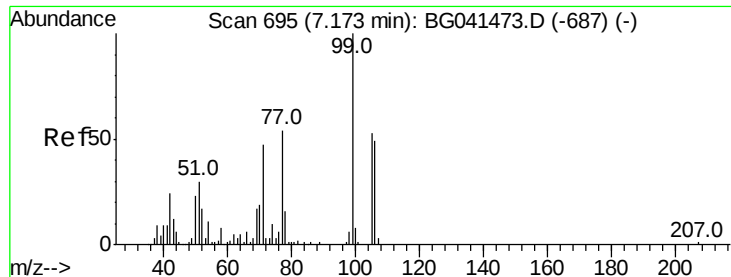
Acq: 2 Jul 2019 15:55

Tgt Ion:	128	Resp:	55023
Ion Ratio	Lower	Upper	
128	100		
130	31.8	15.0	55.0
64	53.2	33.3	73.3



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 33.445 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.00 min

Lab File: BG041574.D

Acq: 2 Jul 2019 15:55

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion: 77 Resp: 37843

Ion Ratio Lower Upper

77 100

105 101.5 77.8 117.8

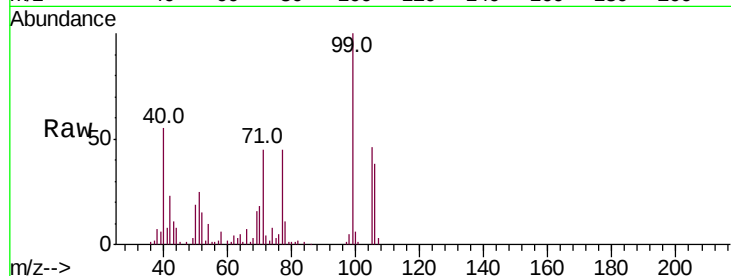
106 85.5 70.1 110.1

Manual Integrations

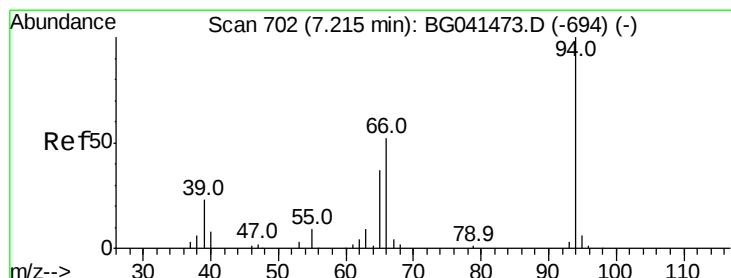
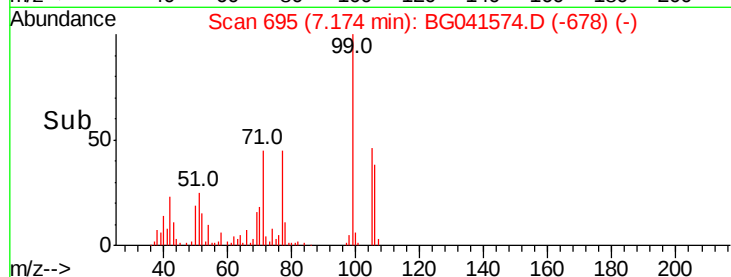
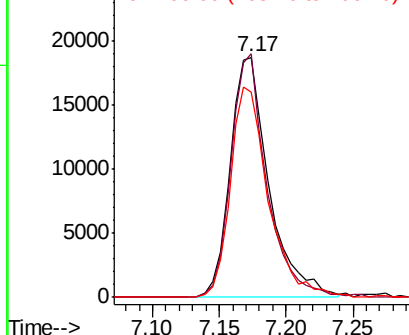
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 35.533 ng

RT: 7.22 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG041574.D

Acq: 2 Jul 2019 15:55

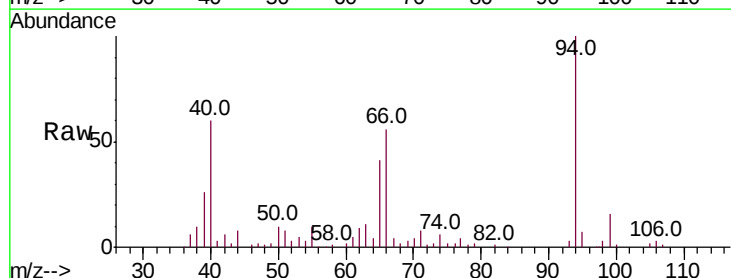
Tgt Ion: 94 Resp: 67097

Ion Ratio Lower Upper

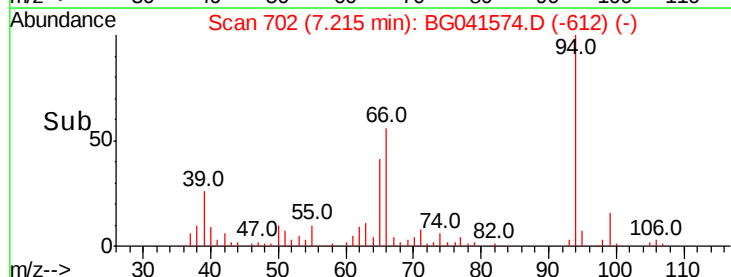
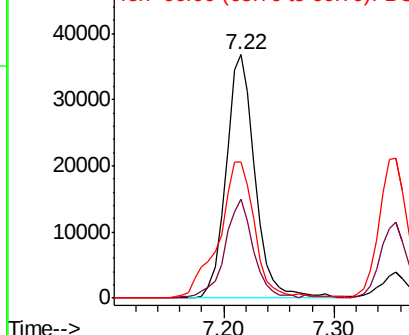
94 100

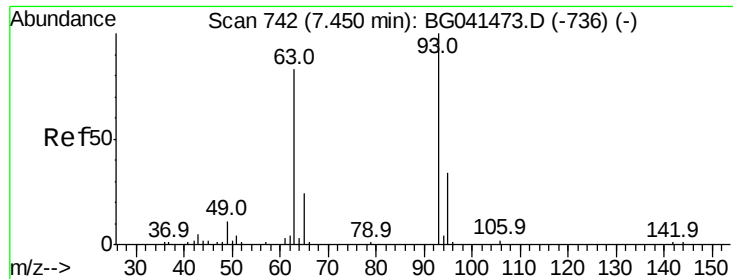
65 40.6 17.9 57.9

66 55.9 34.4 74.4



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





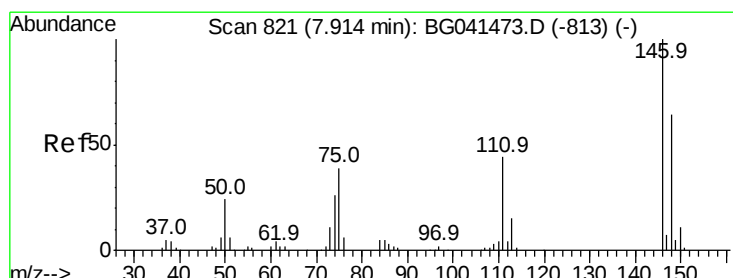
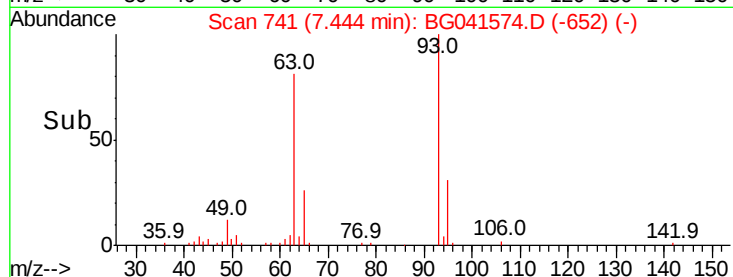
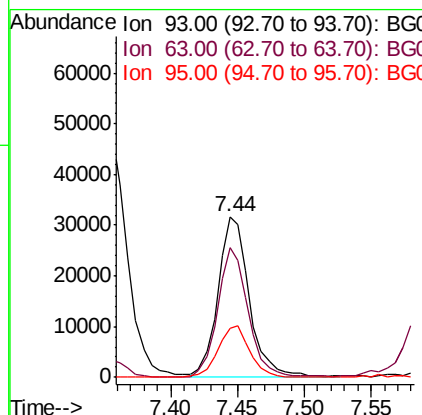
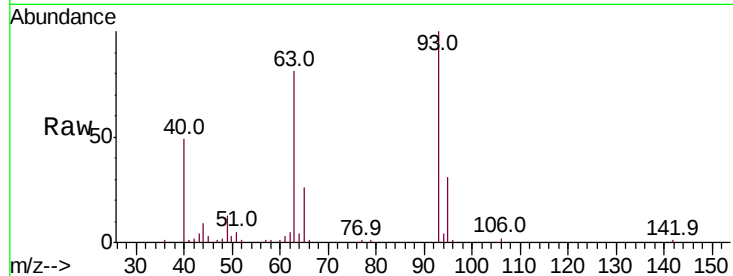
#11
bis(2-Chloroethyl)ether
Concen: 35.172 ng
RT: 7.44 min Scan# 741
Delta R.T. -0.01 min
Lab File: BG041574.D
Acq: 2 Jul 2019 15:55

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion: 93 Resp: 52671
Ion Ratio Lower Upper
93 100
63 80.9 62.0 102.0
95 30.5 13.0 53.0

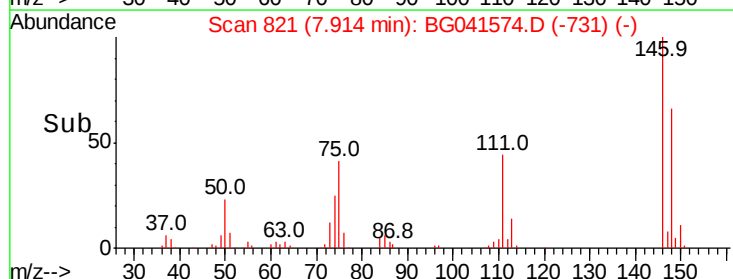
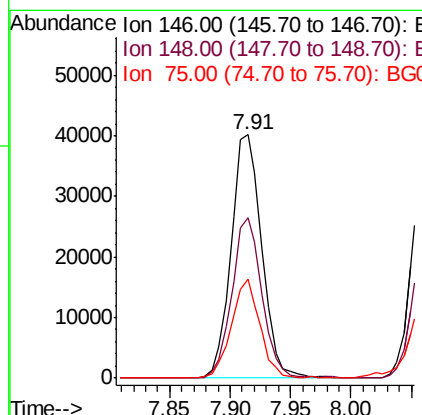
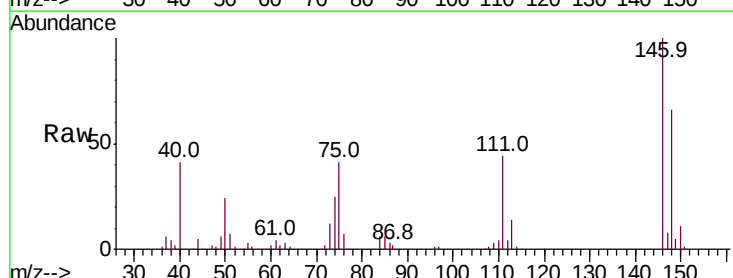
Manual Integrations
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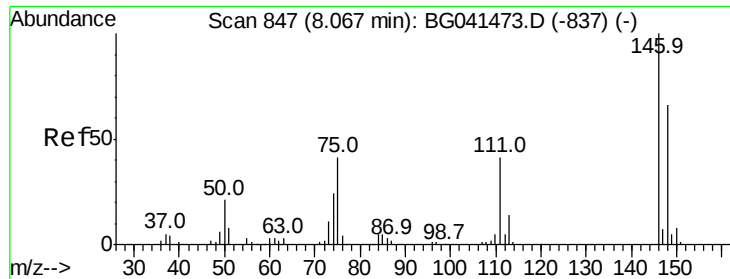
mohammad
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#12
1,3-Dichlorobenzene
Concen: 36.685 ng
RT: 7.91 min Scan# 821
Delta R.T. 0.00 min
Lab File: BG041574.D
Acq: 2 Jul 2019 15:55

Tgt Ion: 146 Resp: 70836
Ion Ratio Lower Upper
146 100
148 65.9 51.1 76.7
75 40.6 31.0 46.6





#13

1,4-Dichlorobenzene

Concen: 38.109 ng

RT: 8.07 min Scan# 847

Delta R.T. 0.00 min

Lab File: BG041574.D

Acq: 2 Jul 2019 15:55

Instrument :

BNA_G

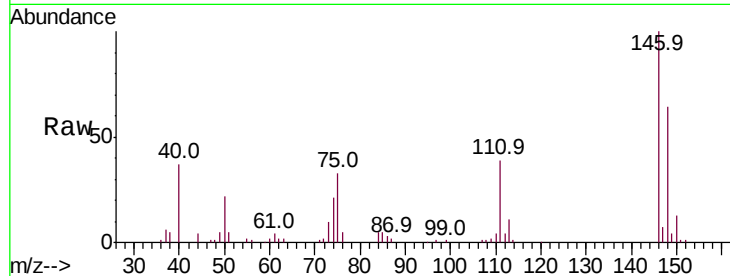
ClientSampleId :

SSTDCCC040EC

Tot Ion:	146	Resp:	74182
Ion Ratio	Lower	Upper	
146	100		
148	64.1	52.8	79.2
111	38.5	33.1	49.7

Manual Integrations
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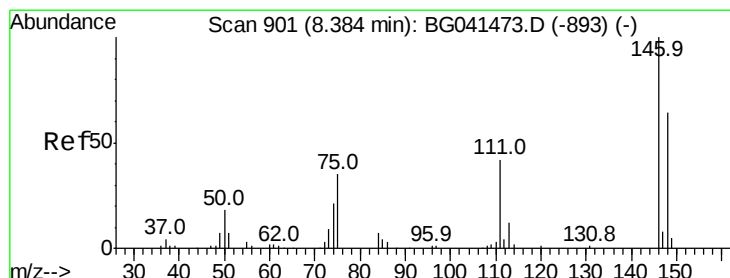
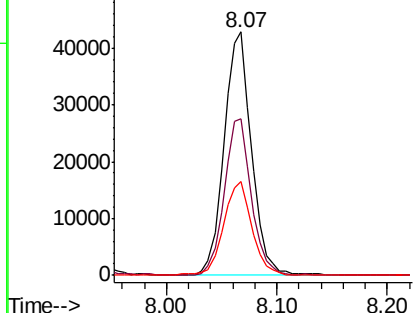
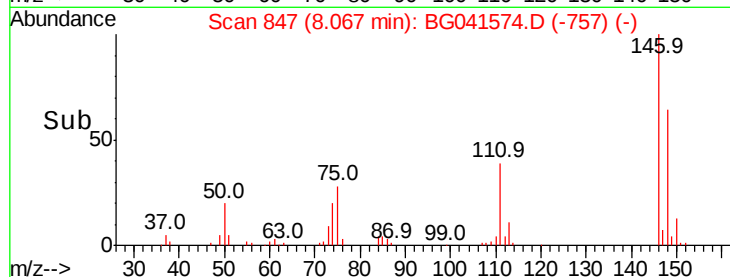


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.888 ng

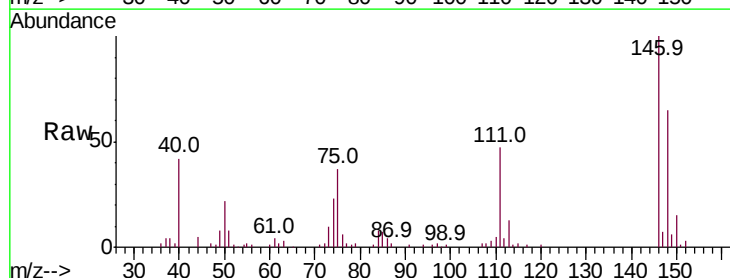
RT: 8.38 min Scan# 901

Delta R.T. 0.00 min

Lab File: BG041574.D

Acq: 2 Jul 2019 15:55

Tgt Ion:	146	Resp:	68749
Ion Ratio	Lower	Upper	
146	100		
148	65.4	51.3	76.9
111	47.5	34.3	51.5

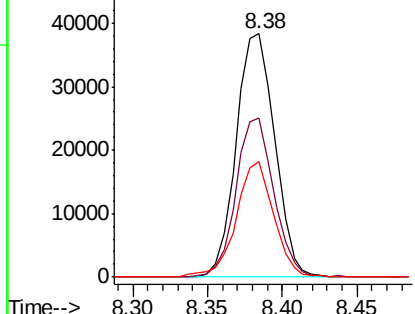
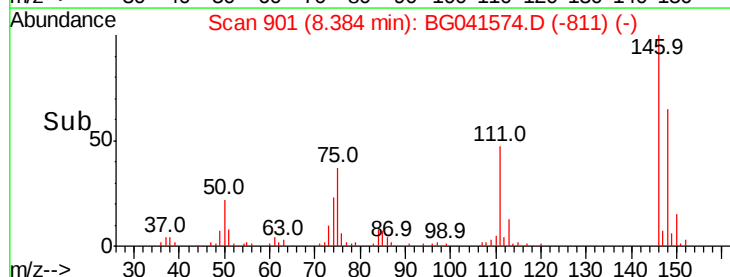


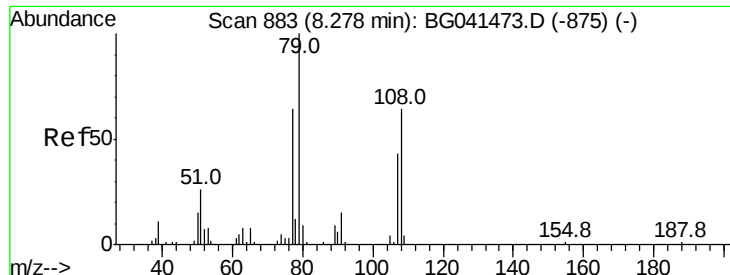
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





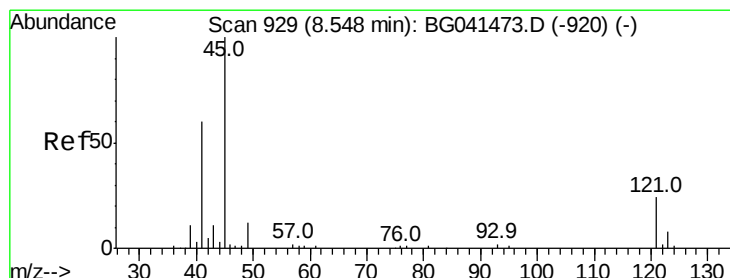
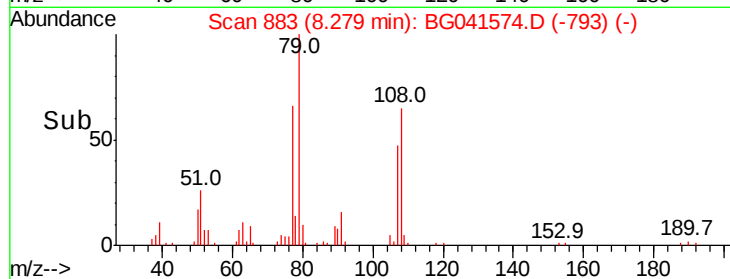
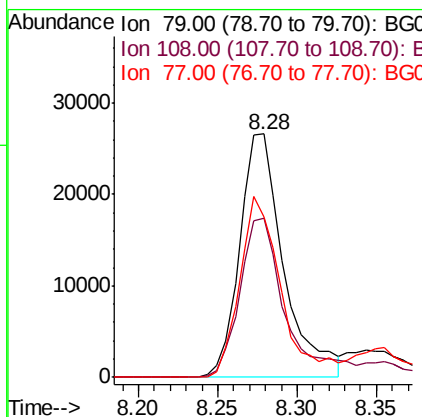
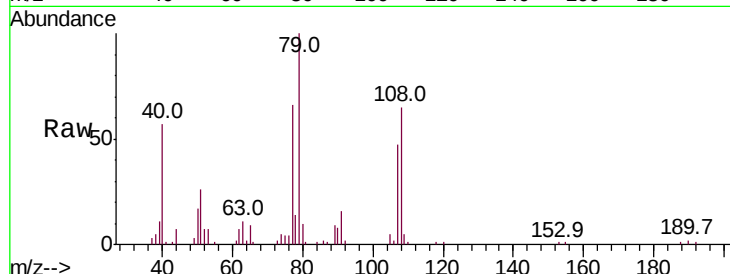
#15
Benzyl Alcohol
Concen: 34.445 ng
RT: 8.28 min Scan# 883
Delta R.T. 0.00 min
Lab File: BG041574.D
Acq: 2 Jul 2019 15:55

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
79	100		
108	65.2	51.4	77.0
77	66.0	50.8	76.2

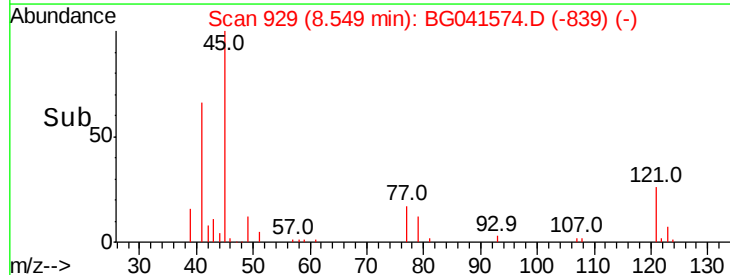
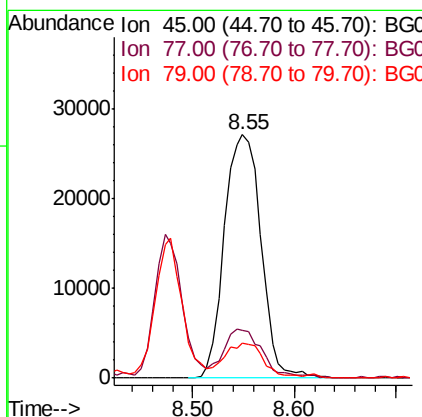
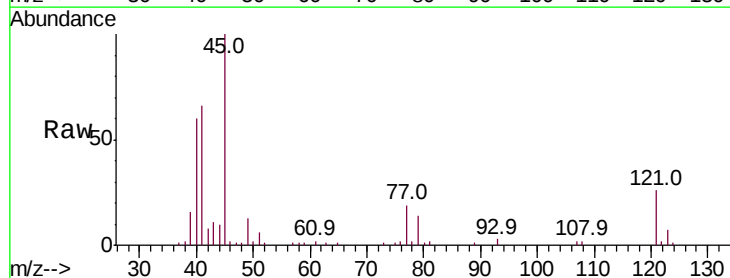
Manual Integrations
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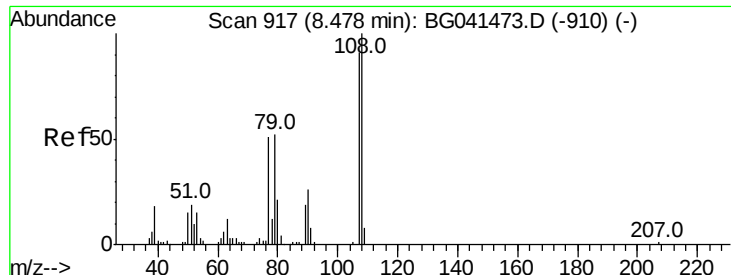
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.188 ng
RT: 8.55 min Scan# 929
Delta R.T. 0.00 min
Lab File: BG041574.D
Acq: 2 Jul 2019 15:55

Tgt Ion	Ratio	Lower	Upper
45	100		
77	19.5	0.0	36.3
79	14.2	0.0	32.4





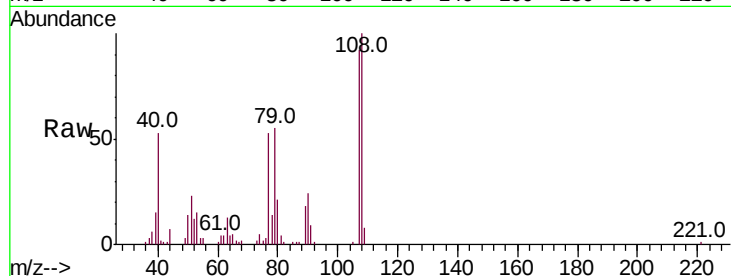
#17
2-Methylphenol
Concen: 36.382 ng
RT: 8.48 min Scan# 917
Delta R.T. 0.00 min
Lab File: BG041574.D
Acq: 2 Jul 2019 15:55

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

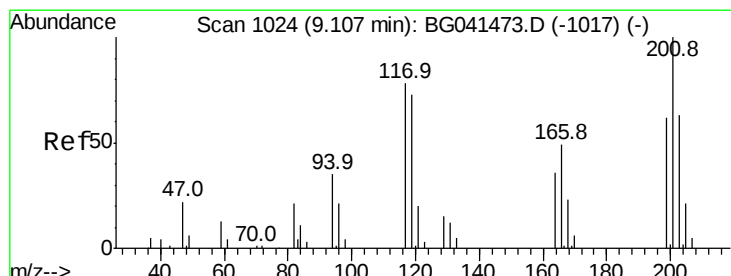
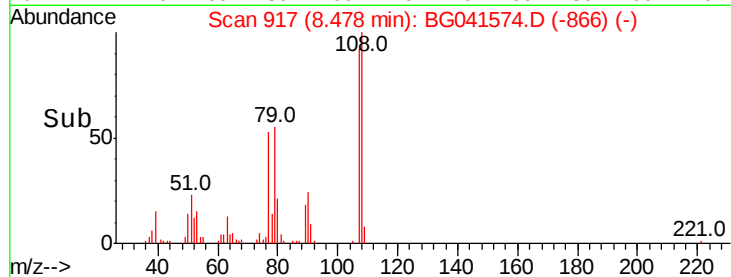
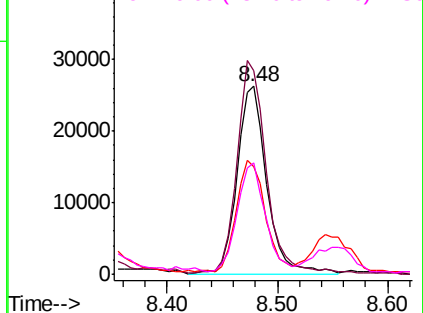
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.3	88.0	132.0	
77	57.3	45.3	67.9	
79	59.1	47.3	70.9	

Manual Integrations
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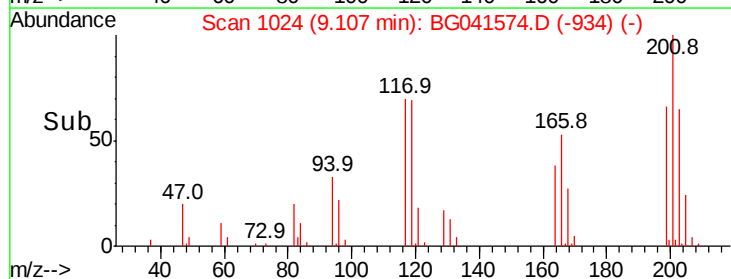
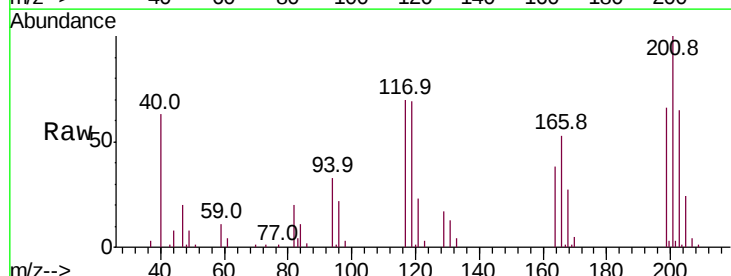
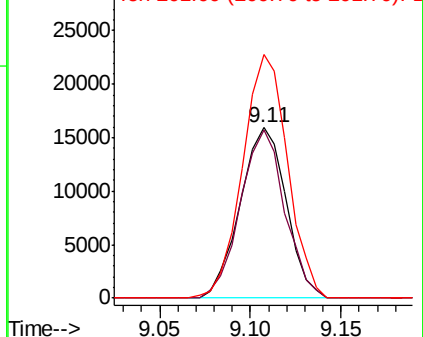
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

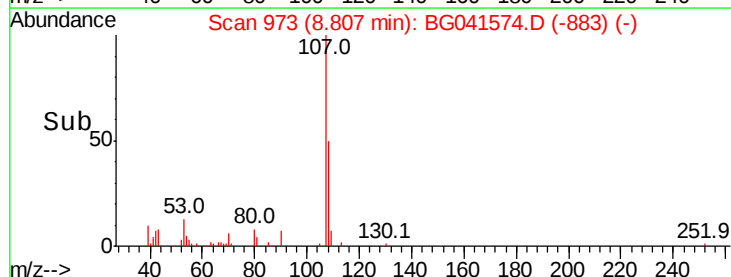
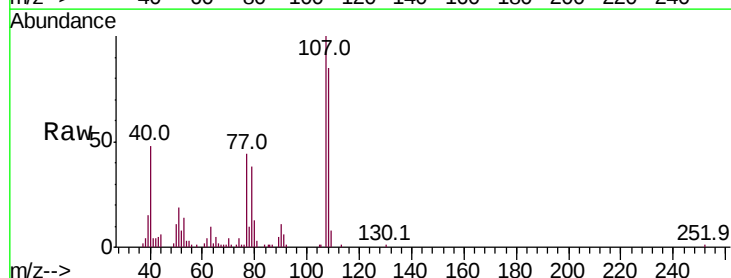
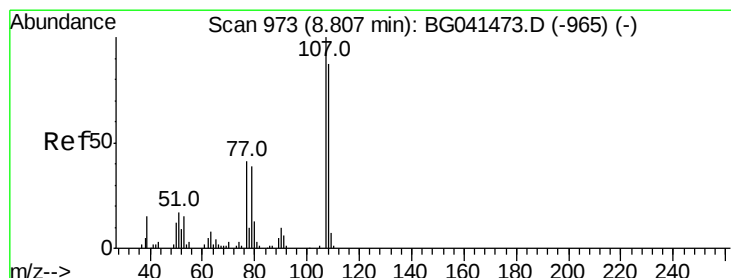
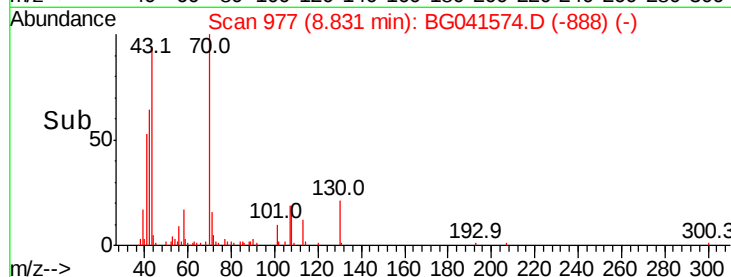
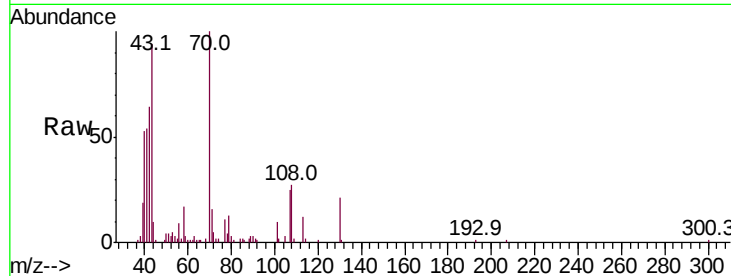
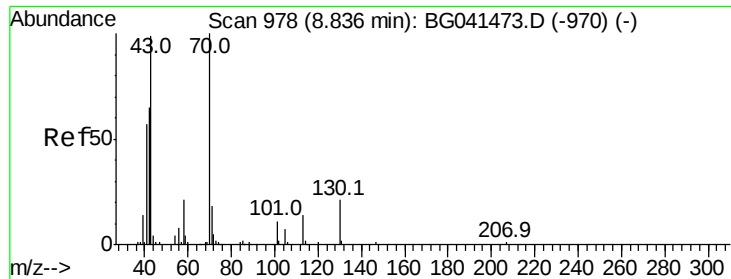


#18
Hexachloroethane
Concen: 36.534 ng
RT: 9.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BG041574.D
Acq: 2 Jul 2019 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.9	74.3	111.5	
201	147.0	102.3	153.5	

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





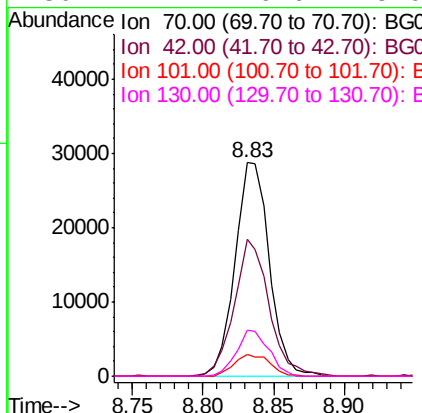
#19
n-Nitroso-di-n-propylamine
Concen: 34.835 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BG041574.D
Acq: 2 Jul 2019 15:55

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	64.2	52.6	78.8	
101	10.1	8.6	13.0	
130	21.4	16.6	25.0	

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

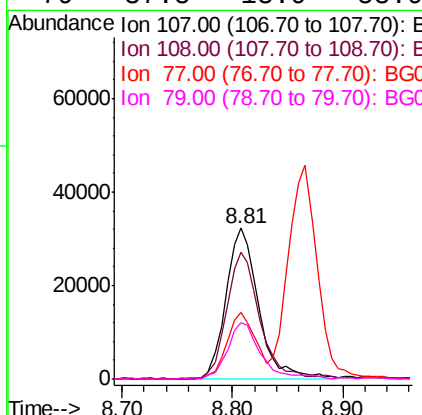
Manual Integrations
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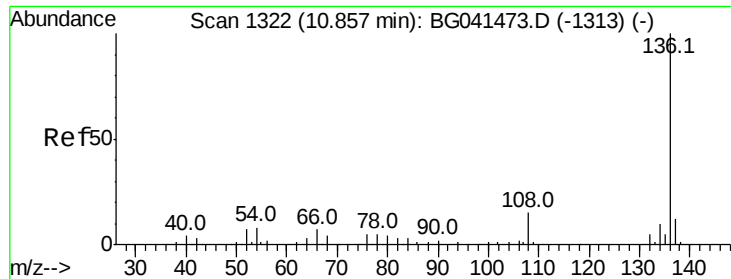
mohammad
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#20
3+4-Methylphenols
Concen: 36.367 ng
RT: 8.81 min Scan# 973
Delta R.T. 0.00 min
Lab File: BG041574.D
Acq: 2 Jul 2019 15:55

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	84.5	67.0	107.0	
77	43.8	20.6	60.6	
79	37.5	18.9	58.9	





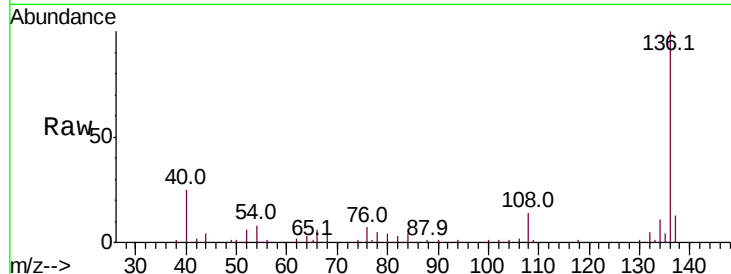
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG041574.D
Acq: 2 Jul 2019 15:55

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.3	13.9
54	7.8	7.1	10.7
68	3.5	3.3	4.9

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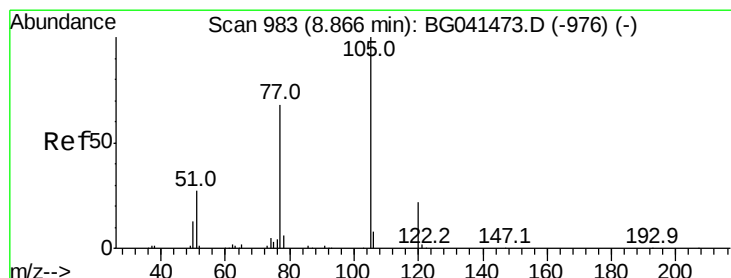
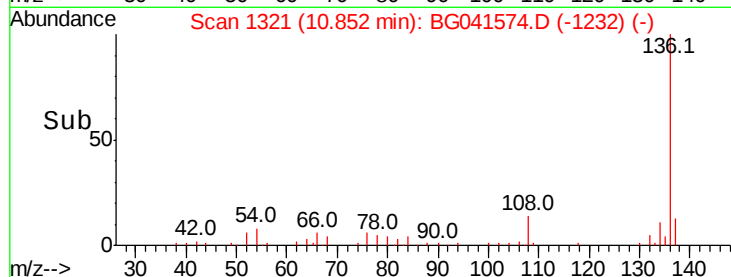
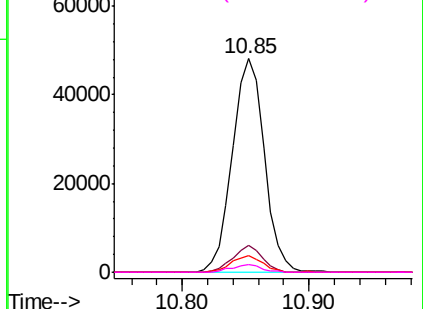
Abundance

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): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 38.383 ng
RT: 8.87 min Scan# 983
Delta R.T. 0.00 min
Lab File: BG041574.D
Acq: 2 Jul 2019 15:55

Tgt Ion	Ratio	Lower	Upper
105	100		
71	0.3	0.5	0.7#
51	30.9	25.0	37.6
120	20.5	17.6	26.4

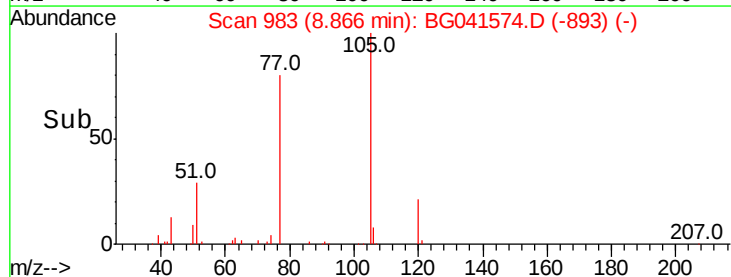
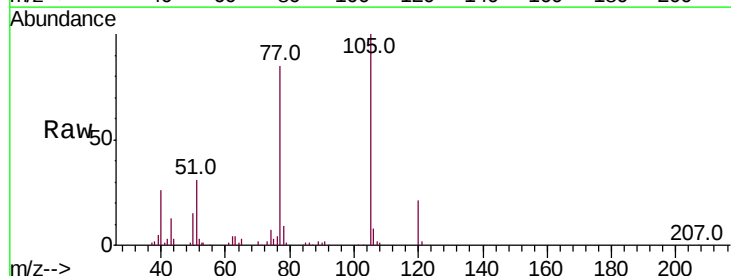
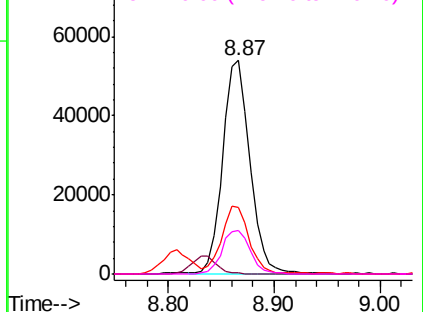
Abundance

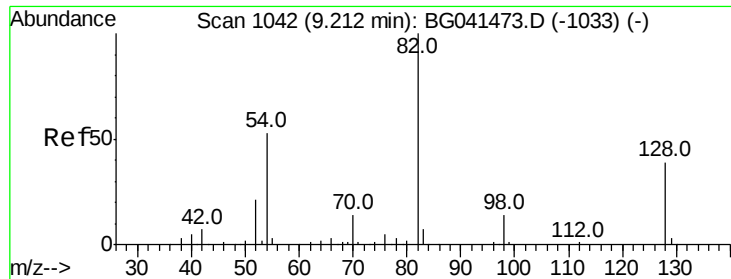
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





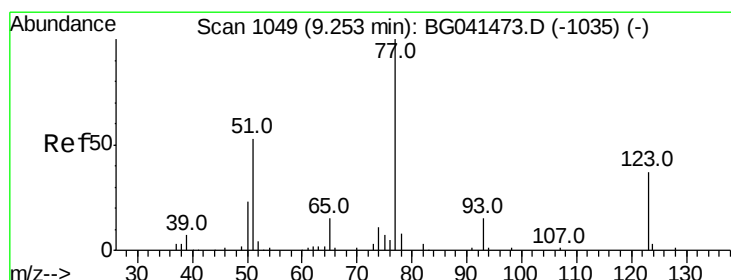
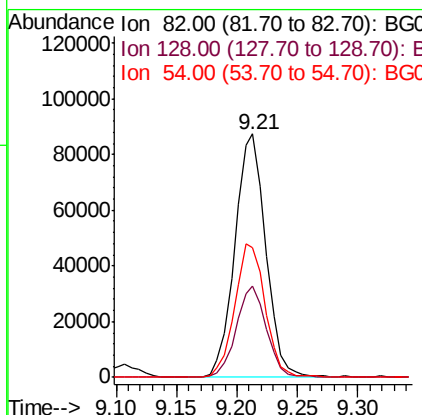
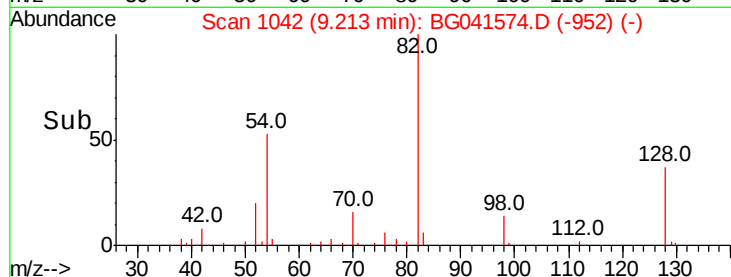
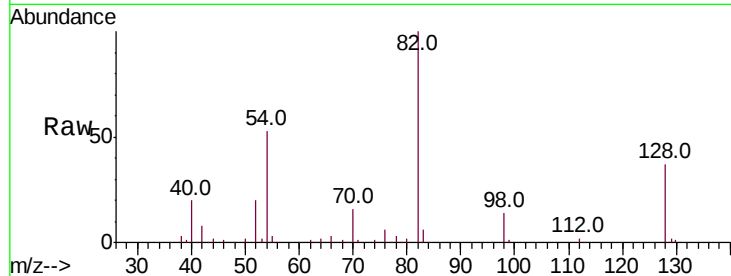
#23
Nitrobenzene-d5
Concen: 77.178 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BG041574.D
Acq: 2 Jul 2019 15:55

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.4	30.9	46.3
54	53.5	42.2	63.2

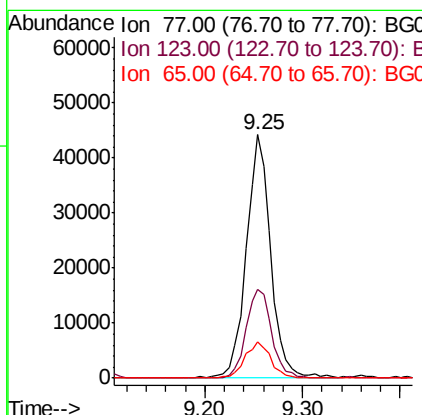
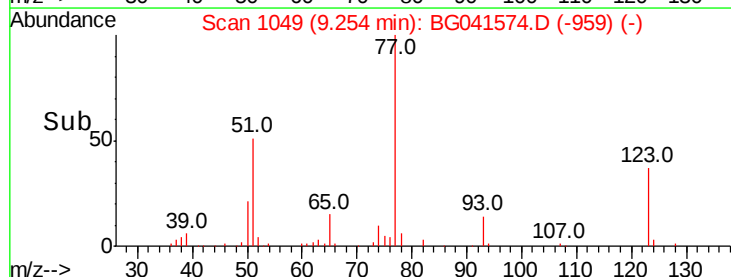
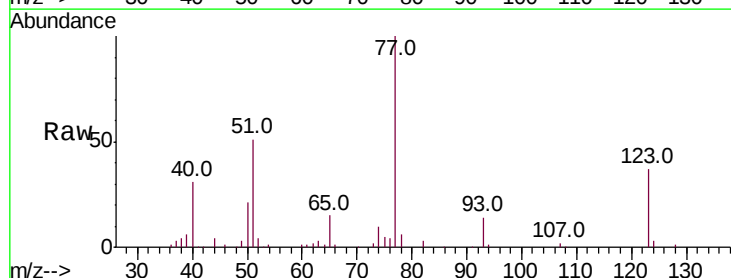
Manual Integrations
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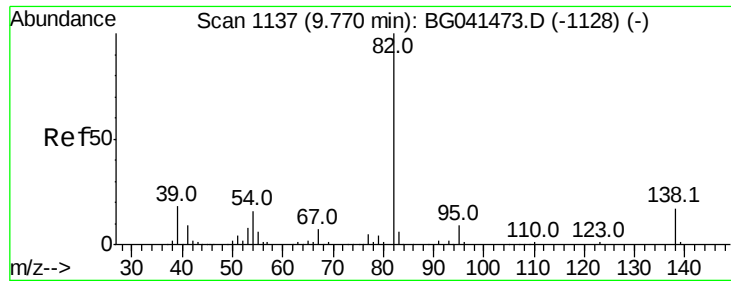
mohammad
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#24
Nitrobenzene
Concen: 38.242 ng
RT: 9.25 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BG041574.D
Acq: 2 Jul 2019 15:55

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.5	29.9	44.9
65	15.1	12.2	18.4





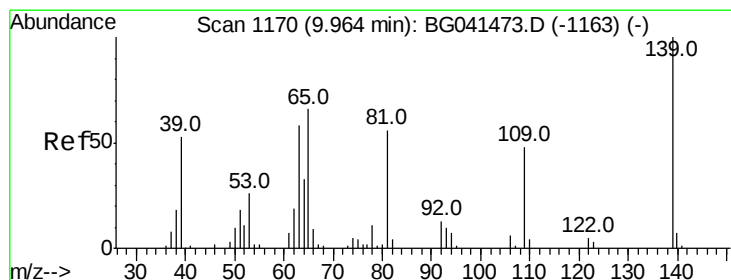
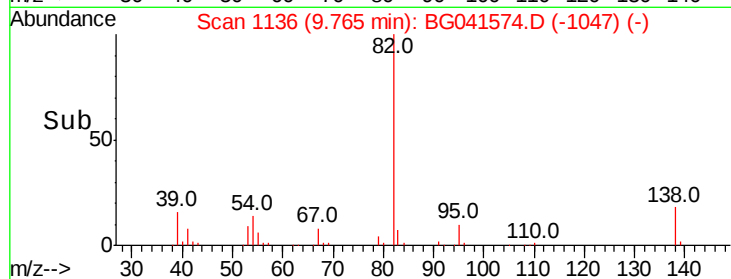
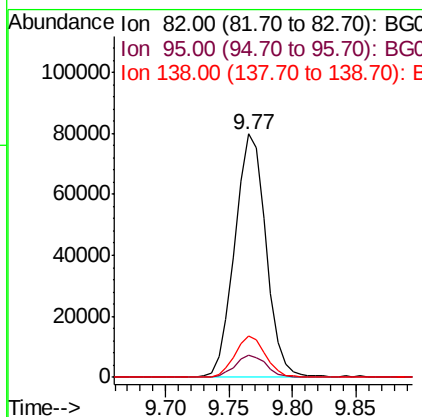
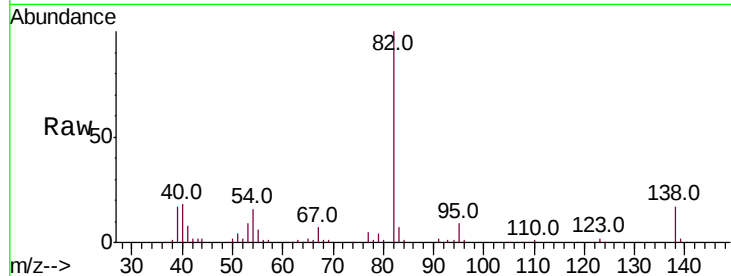
#25
Isophorone
Concen: 37.647 ng
RT: 9.77 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BG041574.D
Acq: 2 Jul 2019 15:55

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
82	100		
95	9.3	6.8	10.2
138	16.9	13.7	20.5

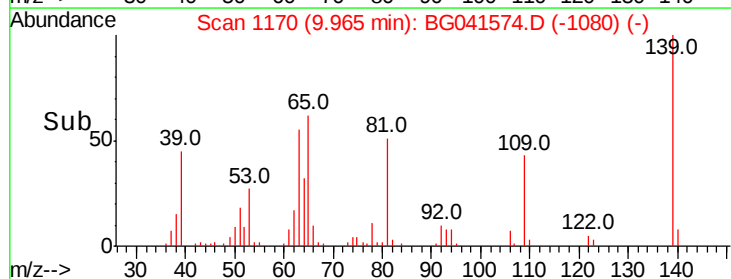
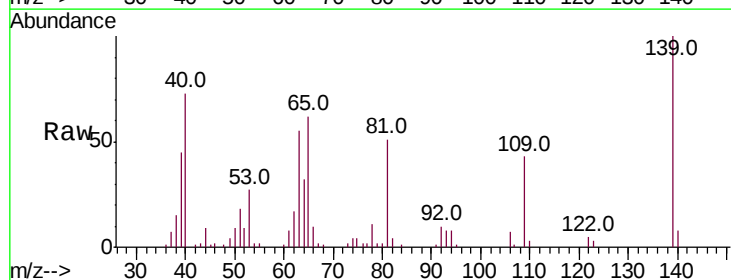
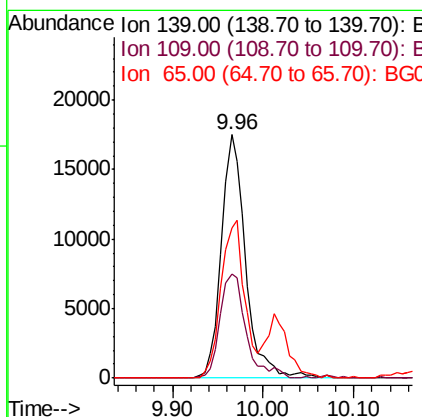
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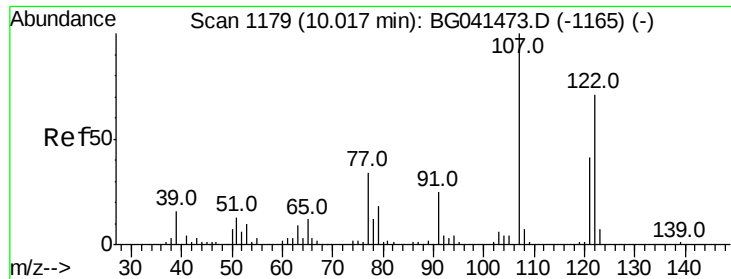
mohammad
7/3/2019 10:55:24 PM



#26
2-Nitrophenol
Concen: 38.303 ng
RT: 9.96 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BG041574.D
Acq: 2 Jul 2019 15:55

Tgt Ion	Ratio	Lower	Upper
139	100		
109	42.7	38.6	57.8
65	61.9	52.6	78.8





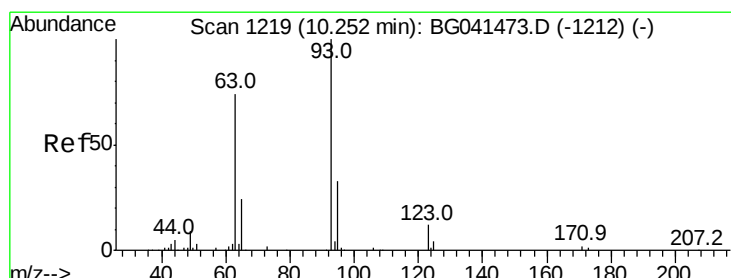
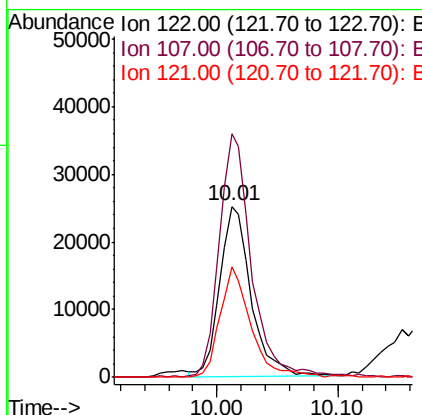
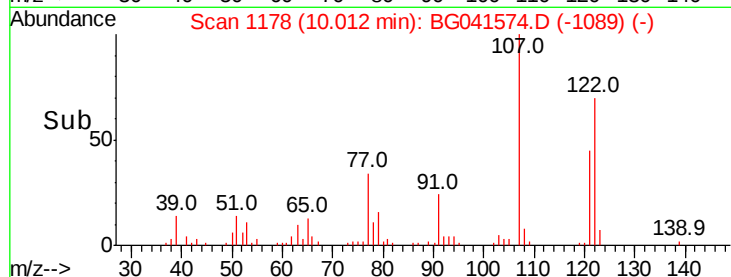
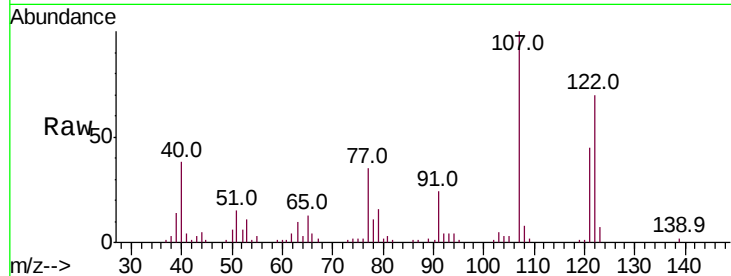
#27
2,4-Dimethylphenol
Concen: 38.278 ng
RT: 10.01 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BG041574.D
Acq: 2 Jul 2019 15:55

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
122	100		
107	142.4	112.9	169.3
121	64.6	46.1	69.1

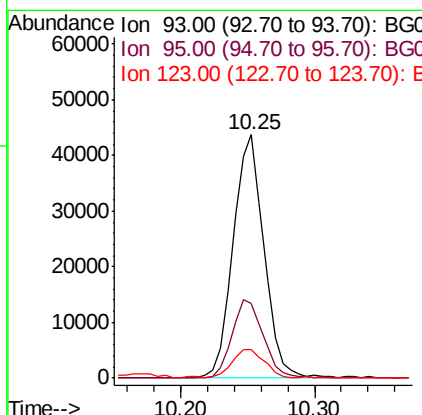
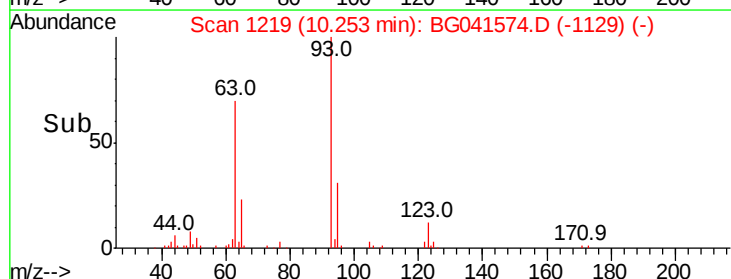
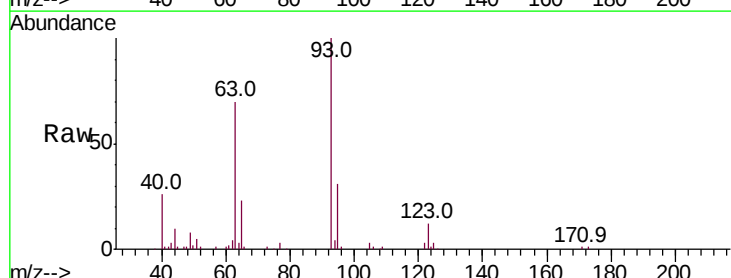
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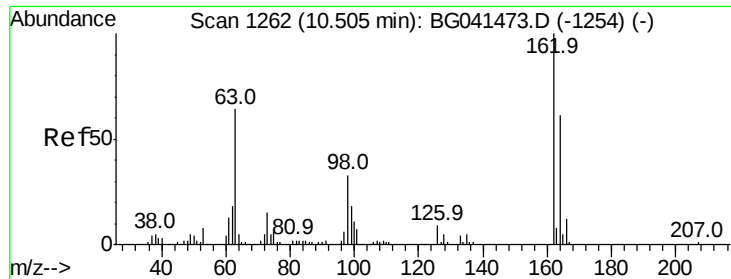
mohammad
7/3/2019 10:55:24 PM



#28
bis(2-Chloroethoxy)methane
Concen: 36.668 ng
RT: 10.25 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BG041574.D
Acq: 2 Jul 2019 15:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.6	26.2	39.2
123	11.7	9.6	14.4





#29

2,4-Dichlorophenol

Concen: 39.347 ng

RT: 10.51 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BG041574.D

Acq: 2 Jul 2019 15:55

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:162 Resp: 62572

Ion Ratio Lower Upper

162 100

164 64.1 41.3 81.3

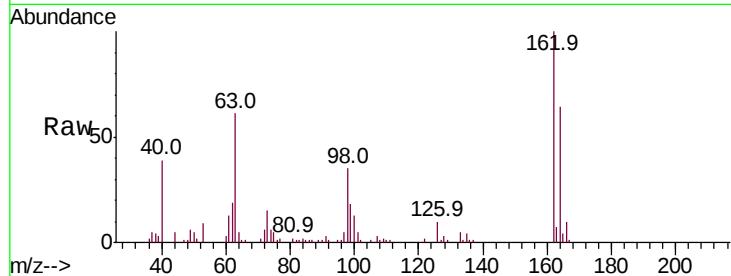
98 35.0 13.2 53.2

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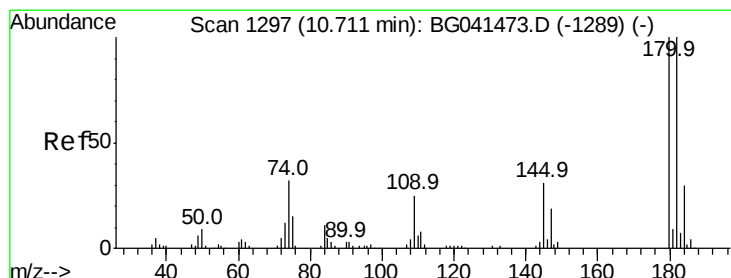
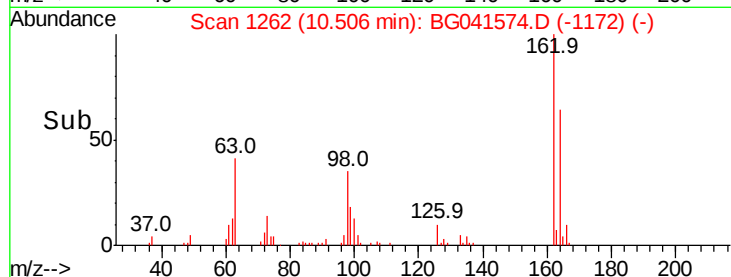
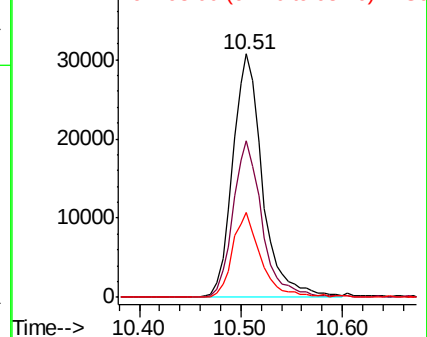


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 38.649 ng

RT: 10.71 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BG041574.D

Acq: 2 Jul 2019 15:55

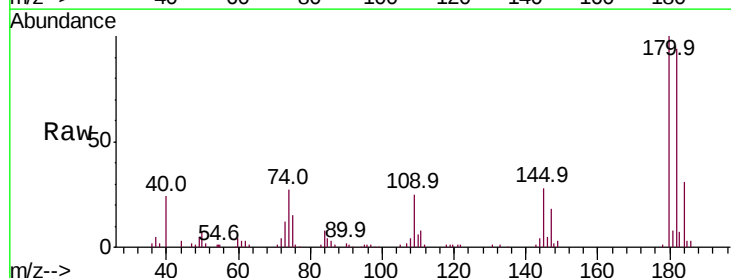
Tgt Ion:180 Resp: 78775

Ion Ratio Lower Upper

180 100

182 94.3 79.9 119.9

145 27.9 24.7 37.1

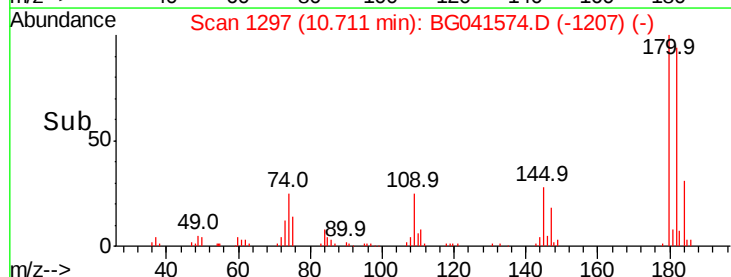
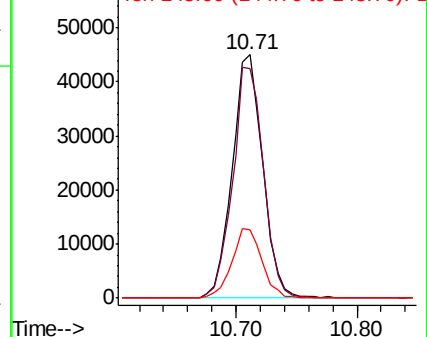


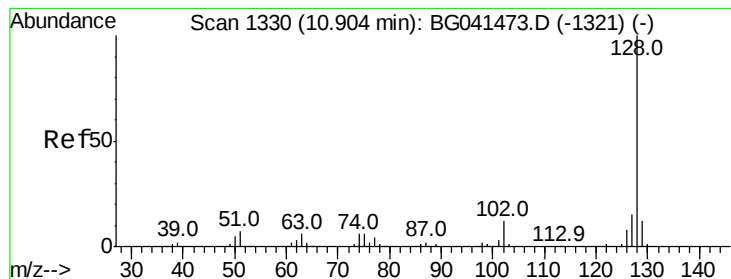
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.859 ng

RT: 10.91 min Scan# 1330

Delta R.T. 0.00 min

Lab File: BG041574.D

Acq: 2 Jul 2019 15:55

Instrument :

BNA_G

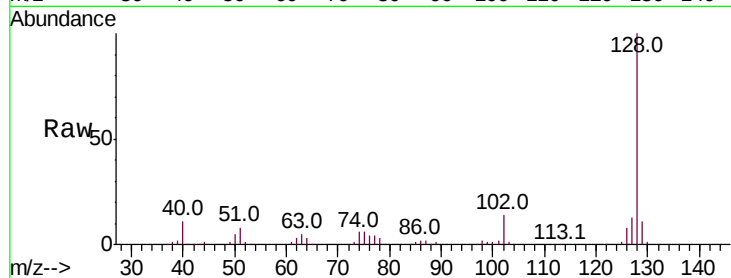
ClientSampleId :

SSTDCCC040EC

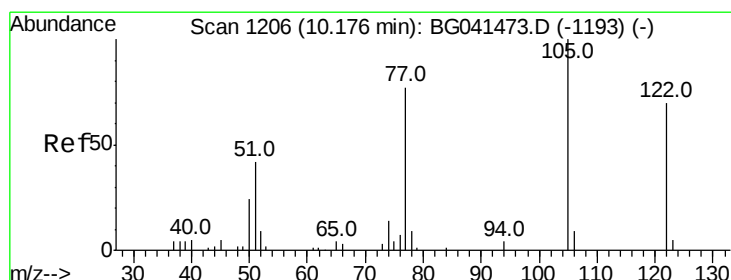
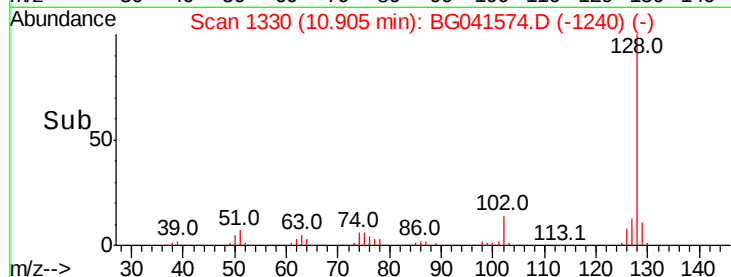
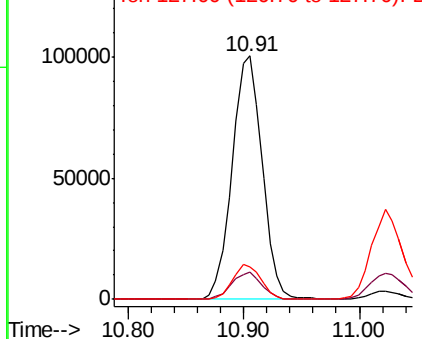
Tot Ion:	128	Resp:	180870
Ion Ratio	Lower	Upper	
128	100		
129	11.3	9.7	14.5
127	13.4	11.6	17.4

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 44.141 ng m

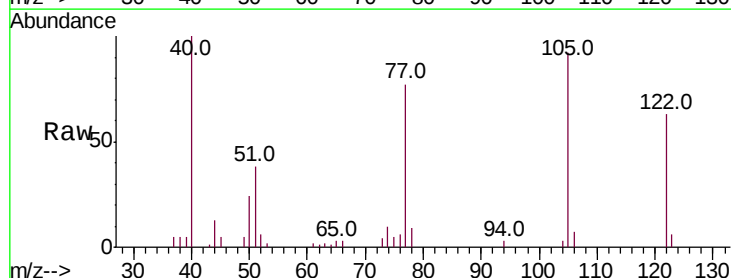
RT: 10.17 min Scan# 1205

Delta R.T. -0.00 min

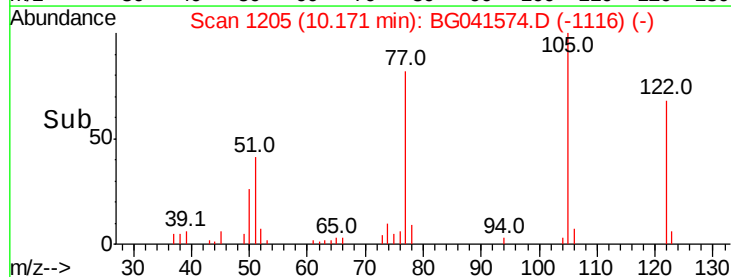
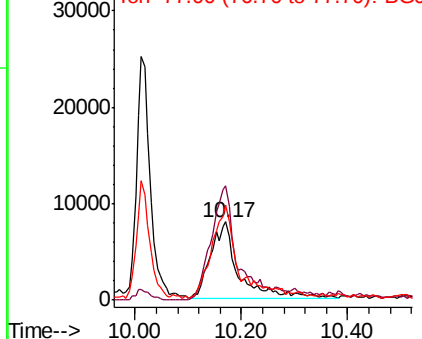
Lab File: BG041574.D

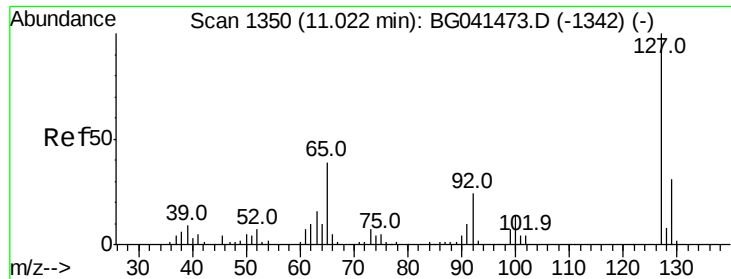
Acq: 2 Jul 2019 15:55

Tgt Ion:	122	Resp:	29084
Ion Ratio	Lower	Upper	
122	100		
105	146.3	117.8	157.8
77	122.1	88.9	128.9



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGO





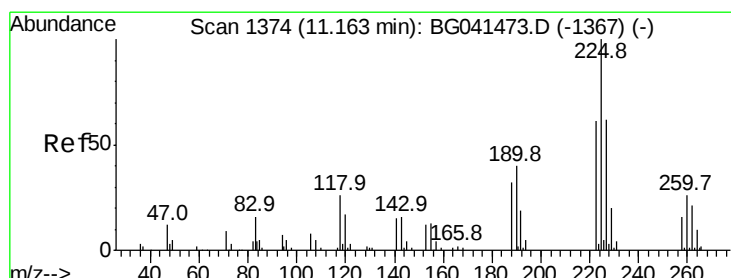
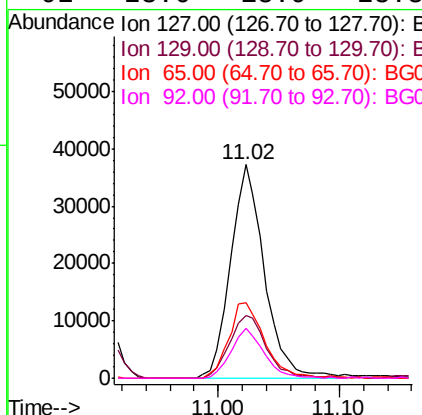
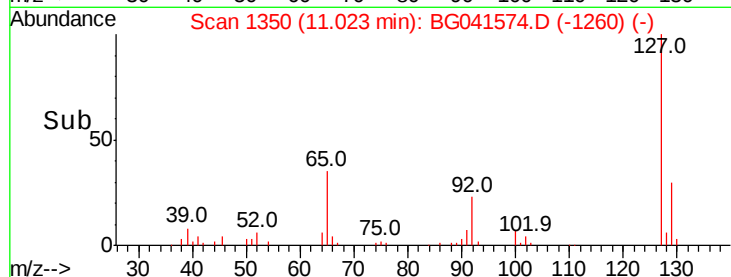
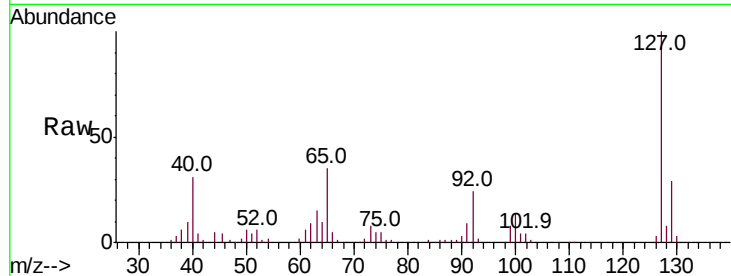
#33
4-Chloroaniline
Concen: 36.952 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG041574.D
Acq: 2 Jul 2019 15:55

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
127	100		
129	29.4	24.6	37.0
65	35.4	31.5	47.3
92	23.6	18.9	28.3

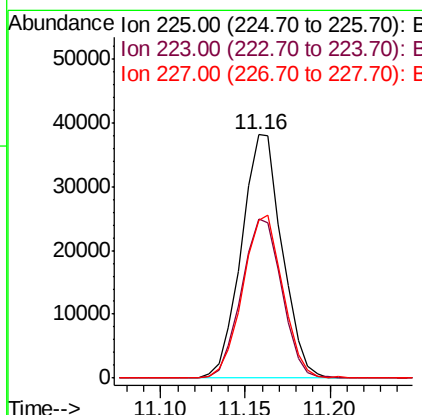
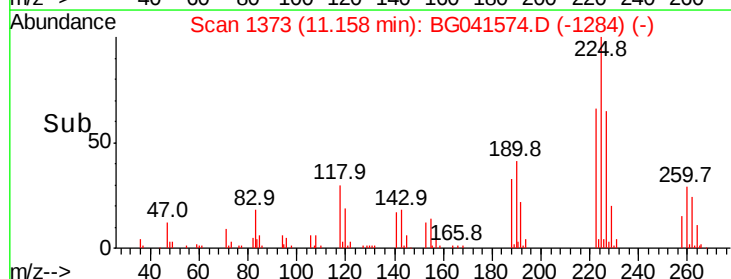
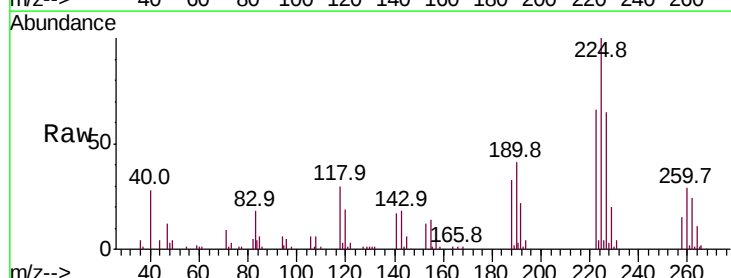
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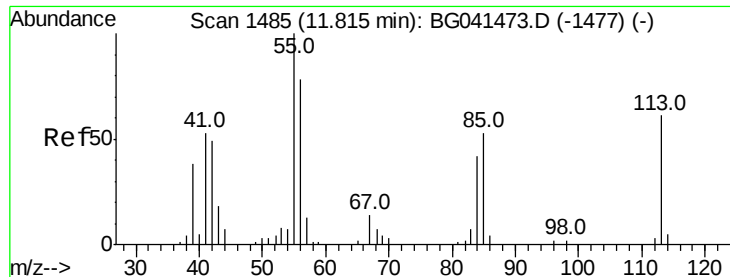
mohammad
7/3/2019 10:55:24 PM



#34
Hexachlorobutadiene
Concen: 39.380 ng
RT: 11.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG041574.D
Acq: 2 Jul 2019 15:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.6	48.6	72.8
227	67.5	49.3	73.9





#35

Caprolactam

Concen: 39.211 ng/mL

RT: 11.82 min Scan# 1485

Delta R.T. 0.00 min

Lab File: BG041574.D

Acq: 2 Jul 2019 15:55

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:113 Resp: 19470

Ion Ratio Lower Upper

113 100

55 166.5 145.1 185.1

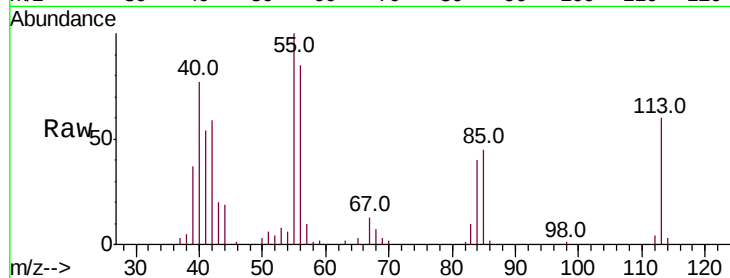
56 142.3 109.4 149.4

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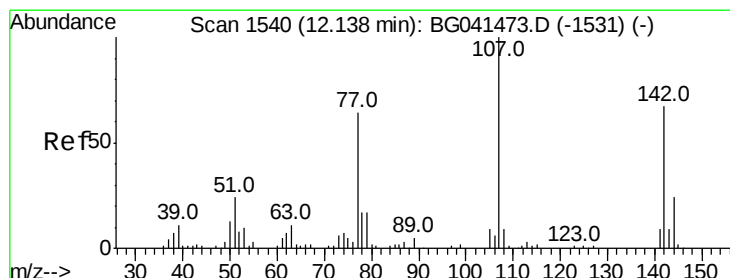
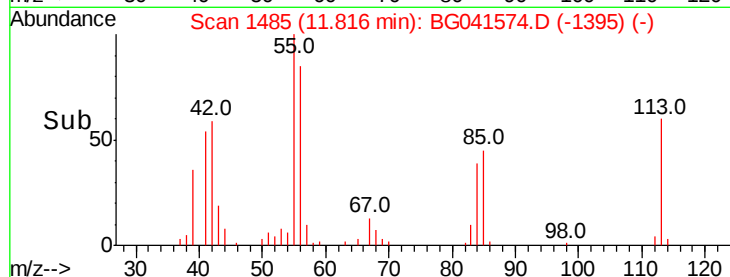
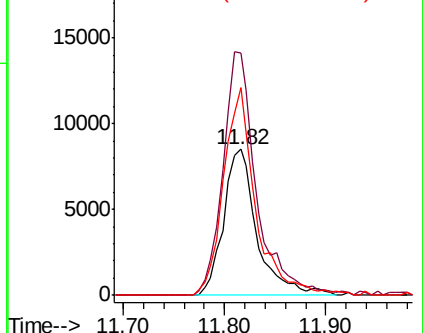
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 37.512 ng/mL

RT: 12.14 min Scan# 1540

Delta R.T. 0.00 min

Lab File: BG041574.D

Acq: 2 Jul 2019 15:55

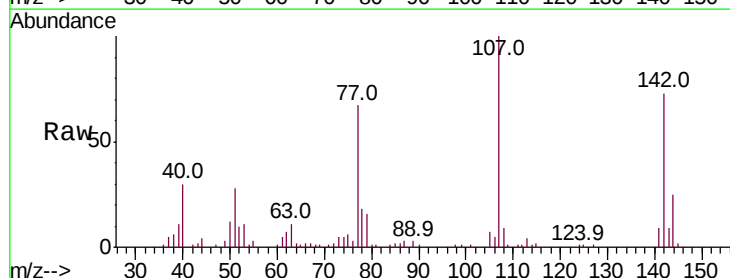
Tgt Ion:107 Resp: 64634

Ion Ratio Lower Upper

107 100

144 24.9 19.4 29.0

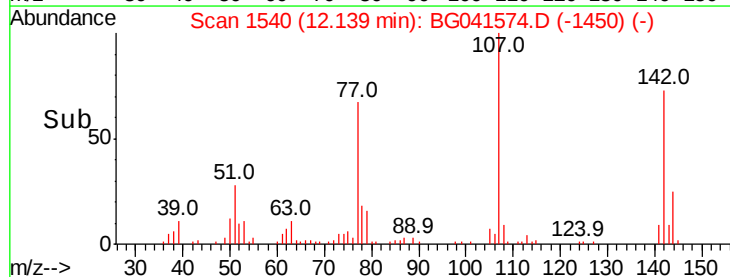
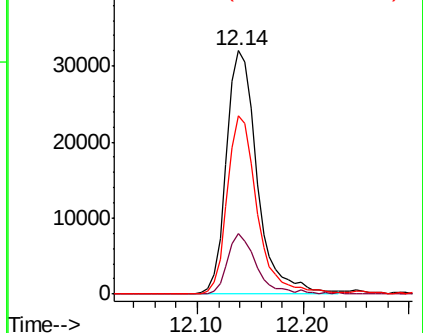
142 73.3 53.8 80.6

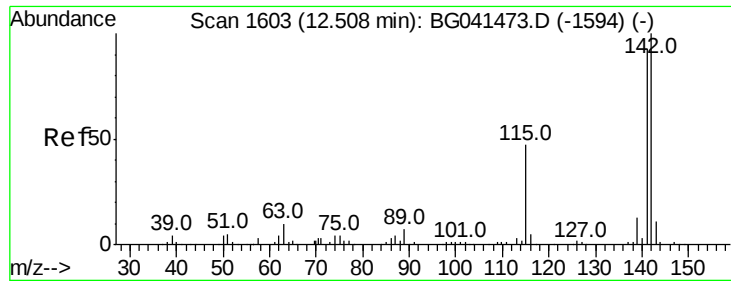


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





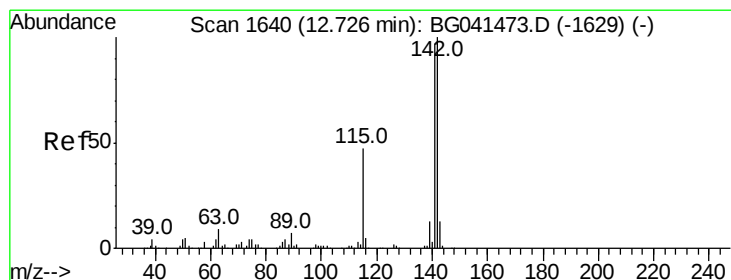
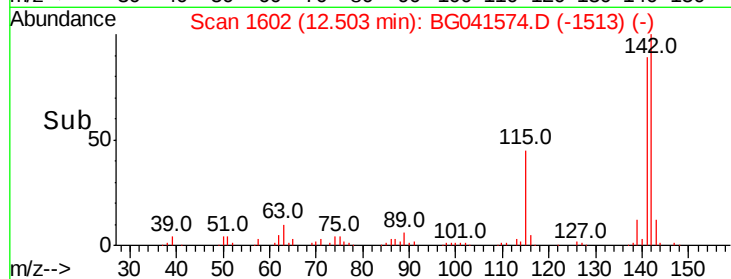
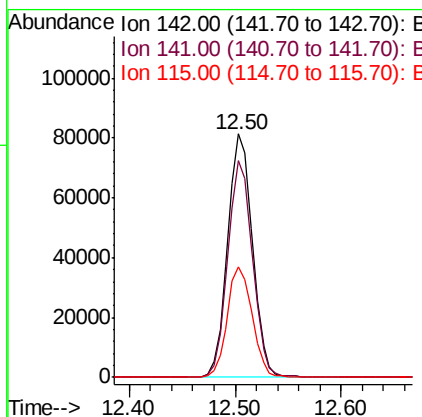
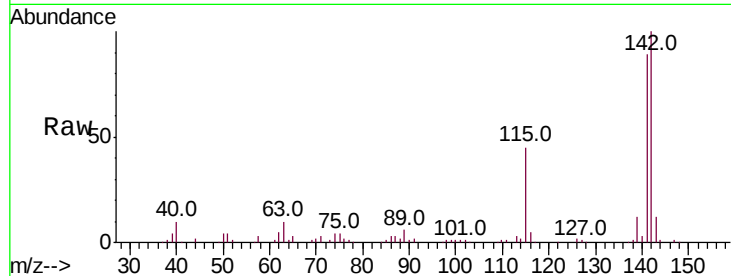
#37
2-Methylnaphthalene
Concen: 38.295 ng
RT: 12.50 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BG041574.D
Acq: 2 Jul 2019 15:55

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	74.8	112.2
115	45.2	38.0	57.0

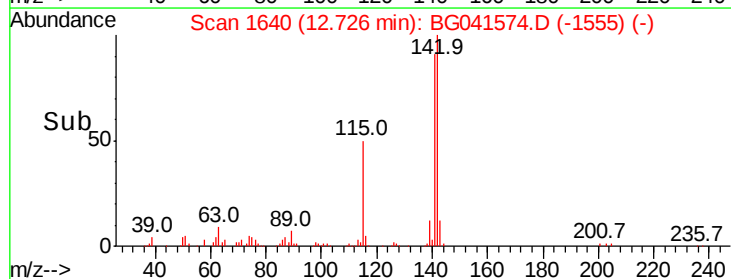
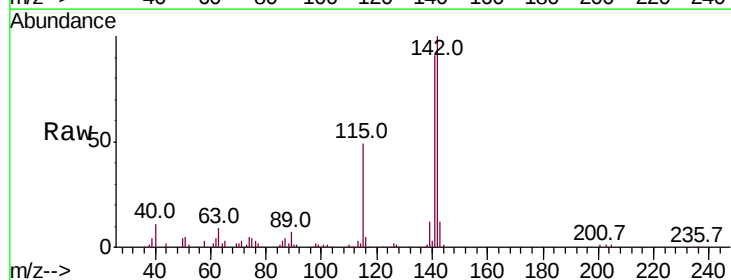
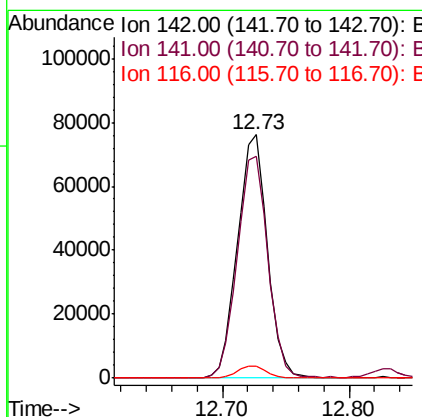
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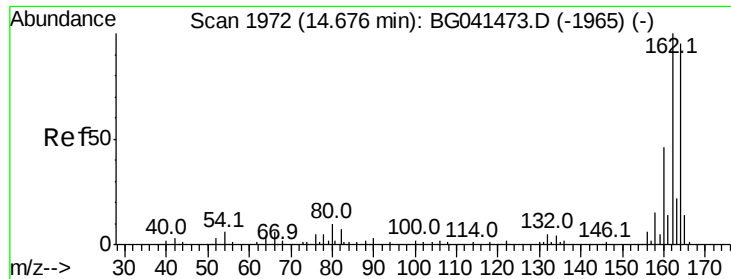
mohammad
7/3/2019 10:55:24 PM



#38
1-Methylnaphthalene
Concen: 37.794 ng
RT: 12.73 min Scan# 1640
Delta R.T. 0.00 min
Lab File: BG041574.D
Acq: 2 Jul 2019 15:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	77.4	116.2
116	4.8	3.8	5.8





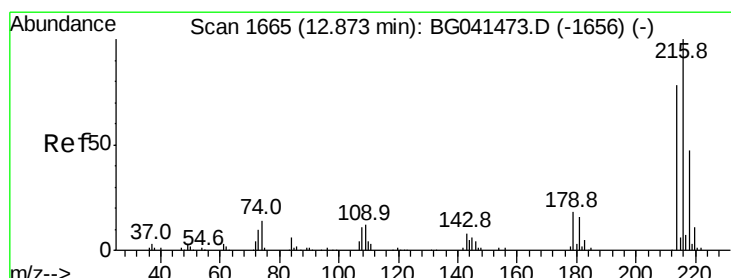
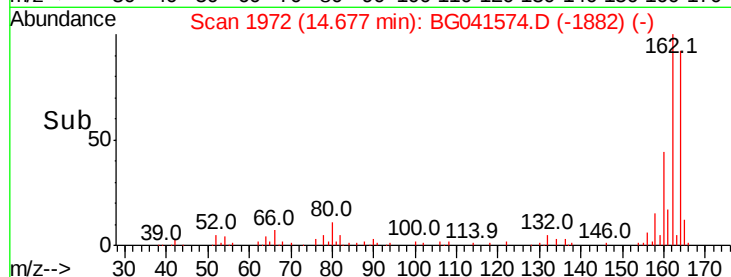
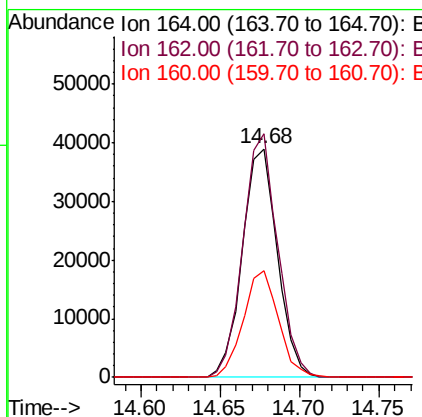
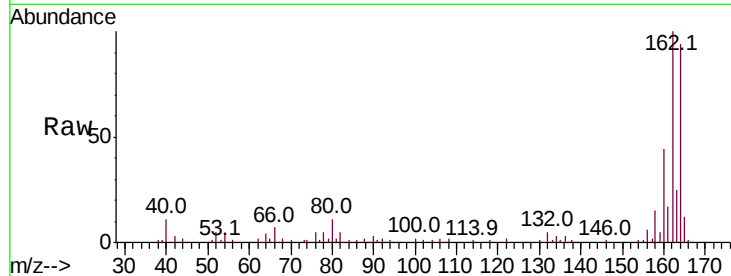
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: BG041574.D
 Acq: 2 Jul 2019 15:55

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040EC

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.4	84.4	126.6
160	46.4	38.8	58.2

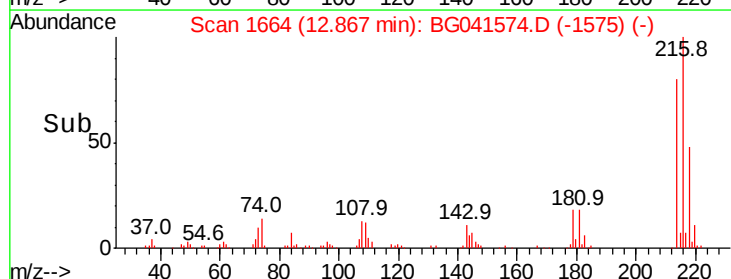
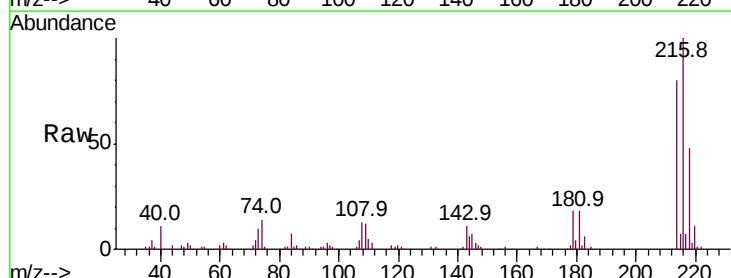
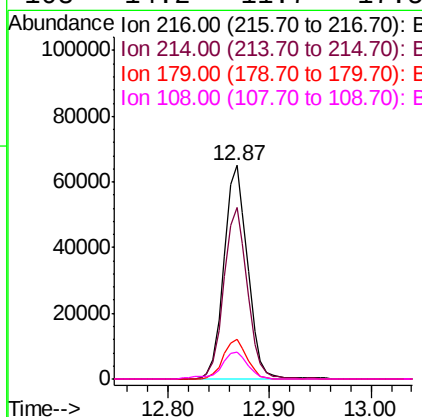
Manual Integrations
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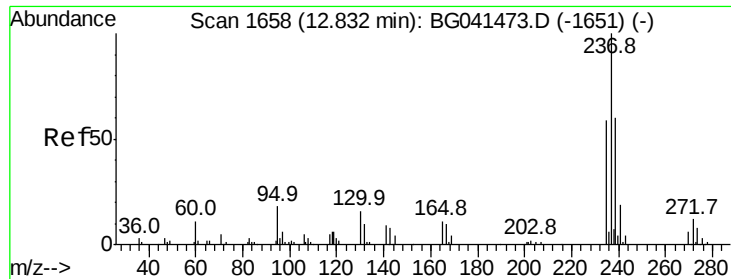
mohammad
 7/3/2019 10:55:24 PM



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.701 ng
 RT: 12.87 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BG041574.D
 Acq: 2 Jul 2019 15:55

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.1	63.4	95.2
179	18.6	15.1	22.7
108	14.2	11.7	17.5





#41

Hexachlorocyclopentadiene

Concen: 35.685 ng

RT: 12.83 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BG041574.D

Acq: 2 Jul 2019 15:55

Instrument :

BNA_G

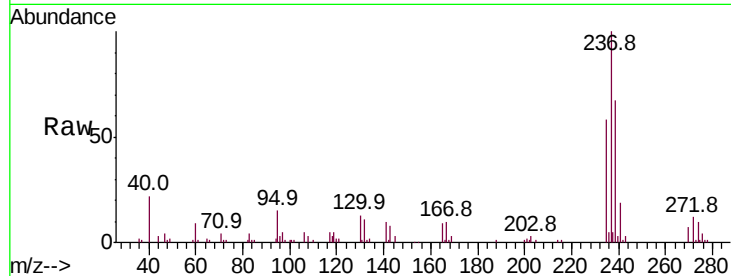
ClientSampleId :

SSTDCCC040EC

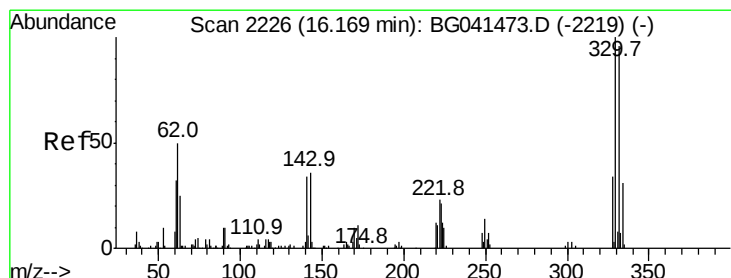
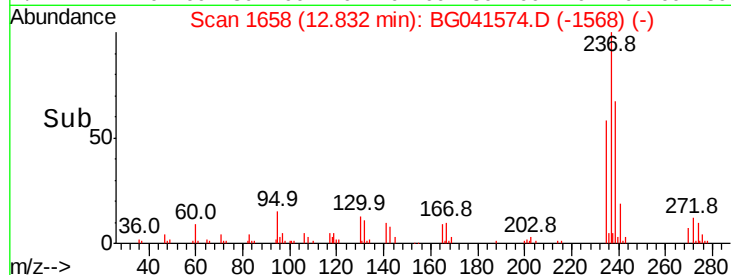
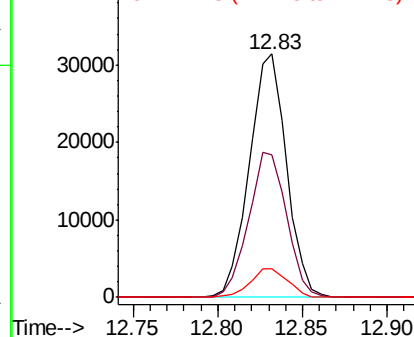
Tot Ion:	237	Resp:	48071
Ion Ratio	Lower	Upper	
237	100		
235	58.5	39.1	79.1
272	11.9	0.0	31.5

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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: 79.883 ng

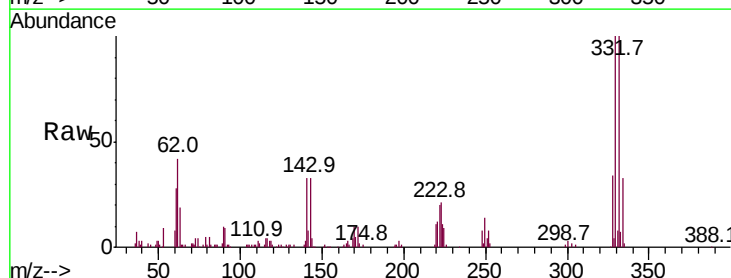
RT: 16.17 min Scan# 2226

Delta R.T. 0.00 min

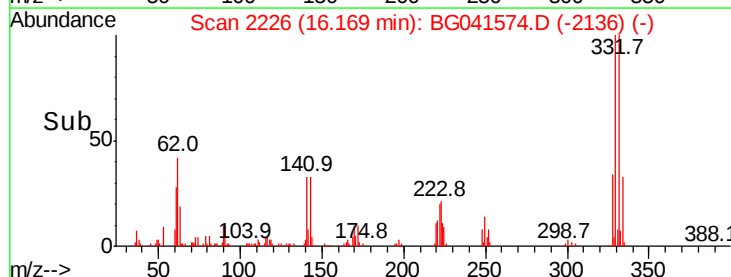
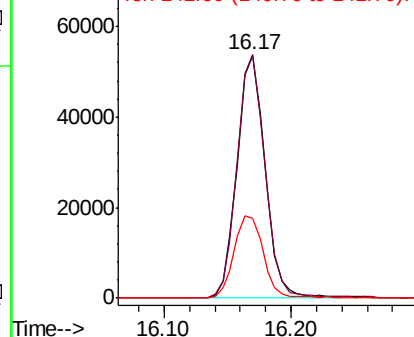
Lab File: BG041574.D

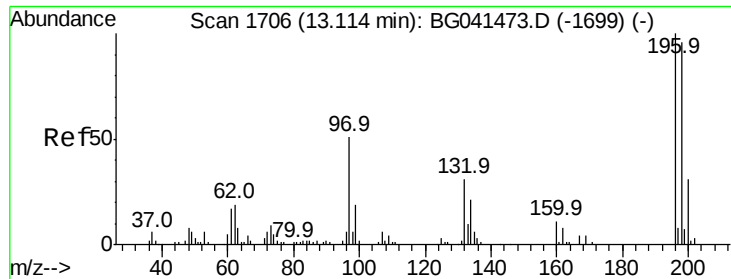
Acq: 2 Jul 2019 15:55

Tgt Ion:	330	Resp:	81757
Ion Ratio	Lower	Upper	
330	100		
332	100.4	75.5	113.3
141	35.3	27.8	41.6



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





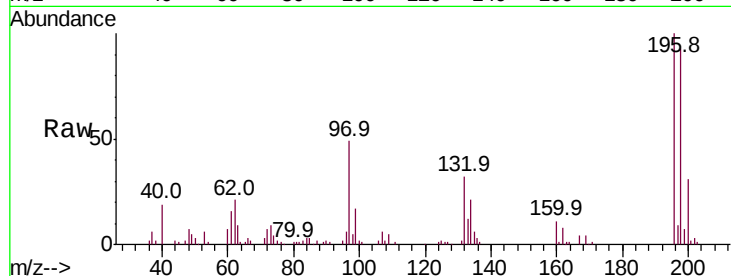
#43
 2,4,6-Trichlorophenol
 Concen: 38.541 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: BG041574.D
 Acq: 2 Jul 2019 15:55

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
196	100	60355		
198	93.4	76.7	115.1	
200	31.2	24.4	36.6	

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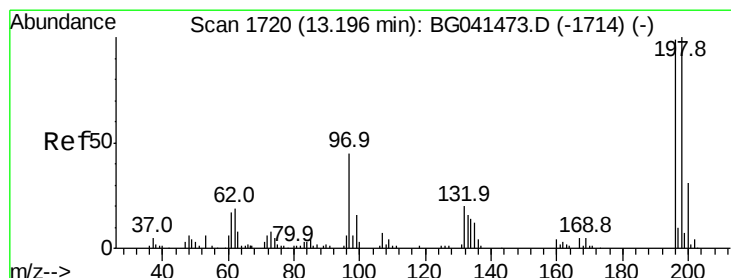
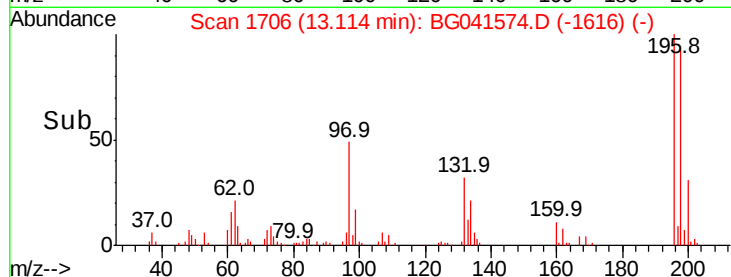
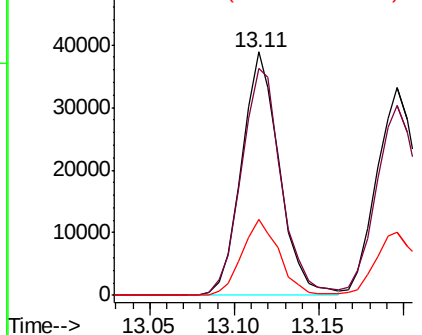


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 41.414 ng
 RT: 13.20 min Scan# 1720
 Delta R.T. 0.00 min
 Lab File: BG041574.D
 Acq: 2 Jul 2019 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	64610		
198	91.5	80.5	120.7	
97	44.8	36.5	54.7	
132	20.0	16.7	25.1	

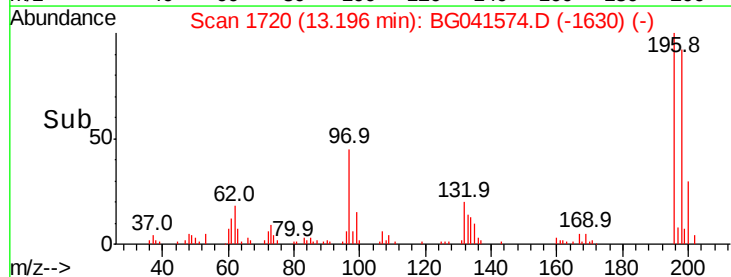
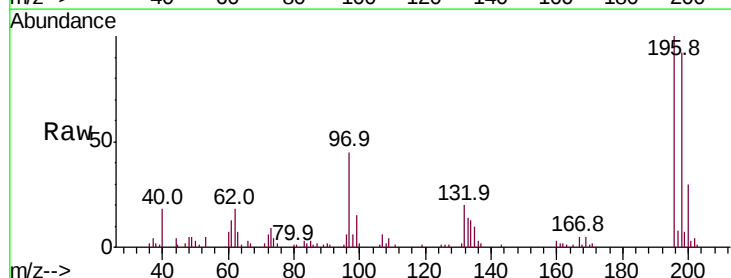
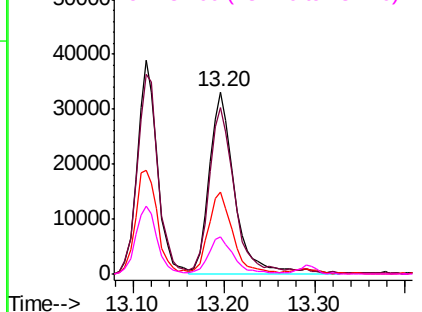
Abundance

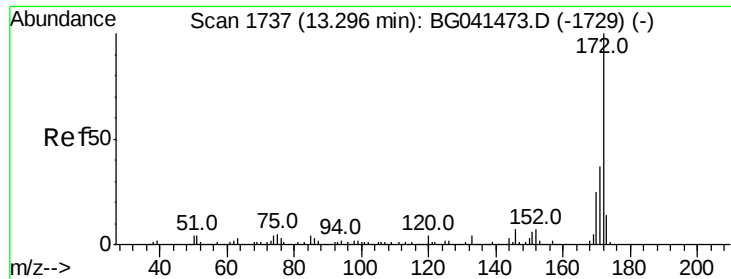
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





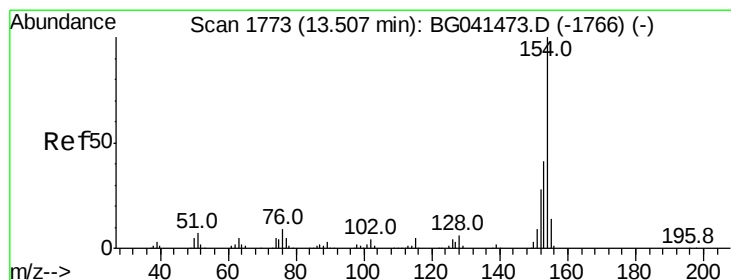
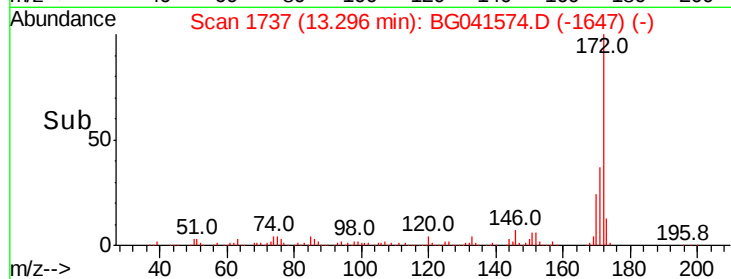
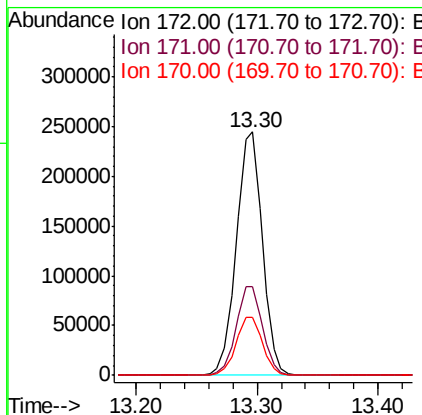
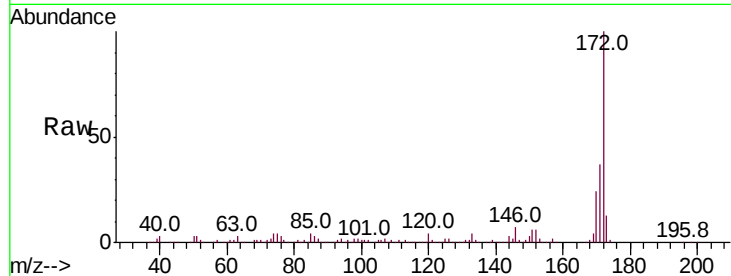
#45
2-Fluorobiphenyl
Concen: 78.929 ng
RT: 13.30 min Scan# 1737
Delta R.T. 0.00 min
Lab File: BG041574.D
Acq: 2 Jul 2019 15:55

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	23.9	20.0	30.0

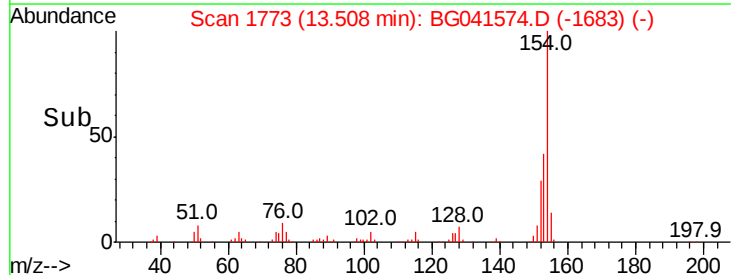
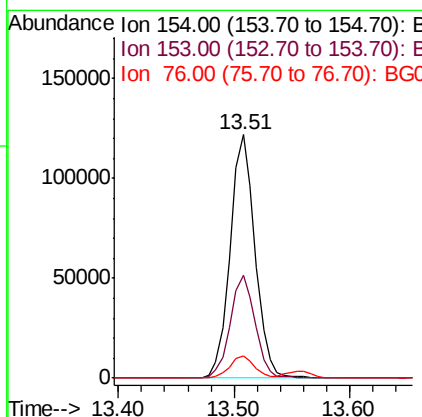
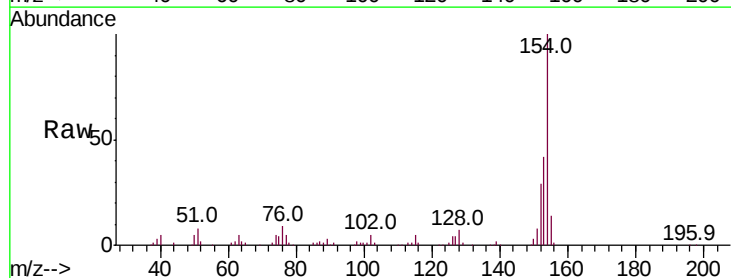
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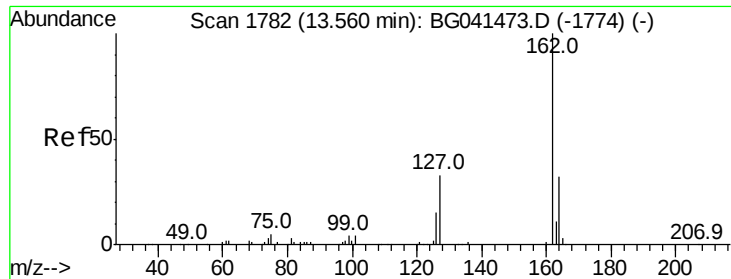
mohammad
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#46
1,1'-Biphenyl
Concen: 38.262 ng
RT: 13.51 min Scan# 1773
Delta R.T. 0.00 min
Lab File: BG041574.D
Acq: 2 Jul 2019 15:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.1	20.9	60.9
76	9.1	0.0	29.4





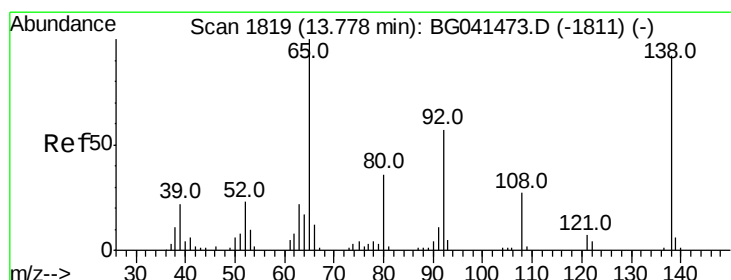
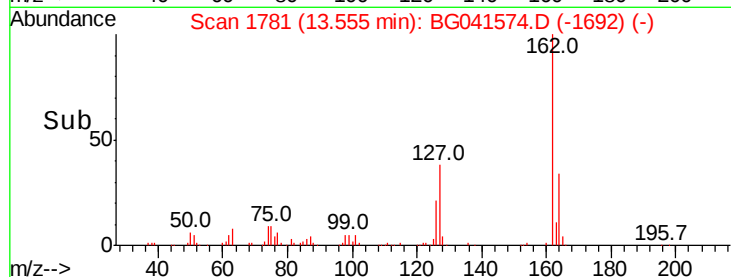
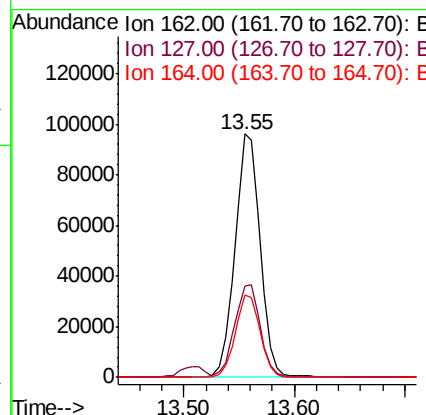
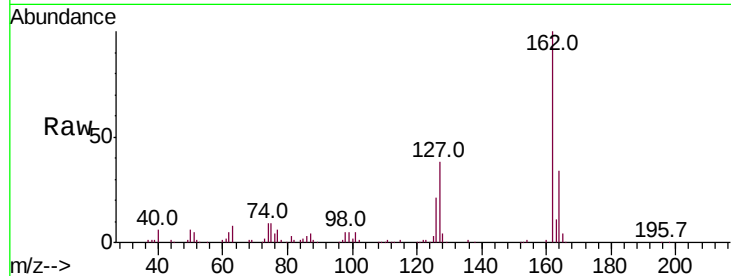
#47
2-Chloronaphthalene
Concen: 37.952 ng
RT: 13.55 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BG041574.D
Acq: 2 Jul 2019 15:55

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.8	30.0	45.0
164	33.6	25.8	38.6

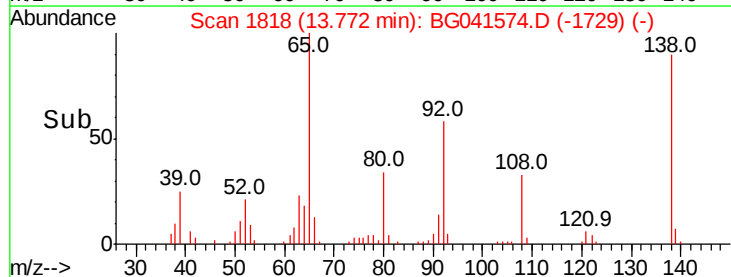
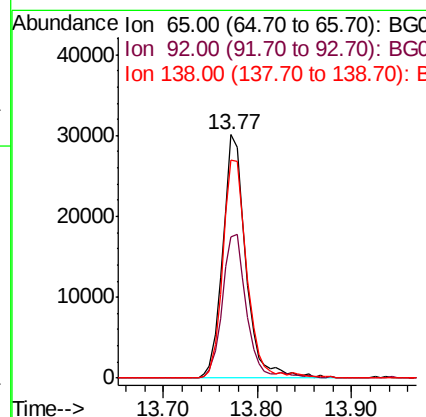
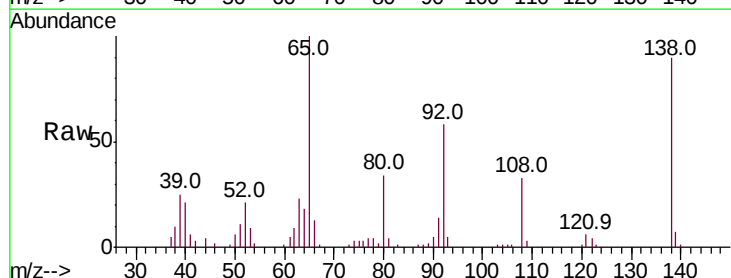
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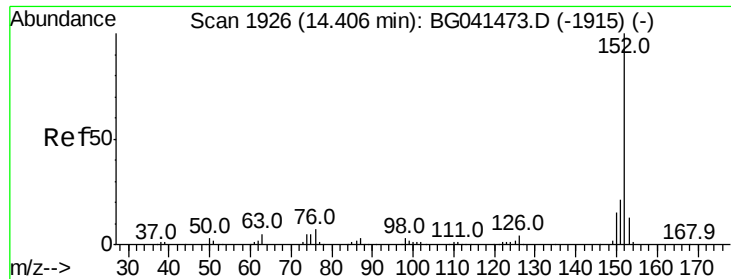
mohammad
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#48
2-Nitroaniline
Concen: 37.388 ng
RT: 13.77 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BG041574.D
Acq: 2 Jul 2019 15:55

Tgt Ion	Ratio	Lower	Upper
65	100		
92	58.0	45.9	68.9
138	89.8	73.4	110.2





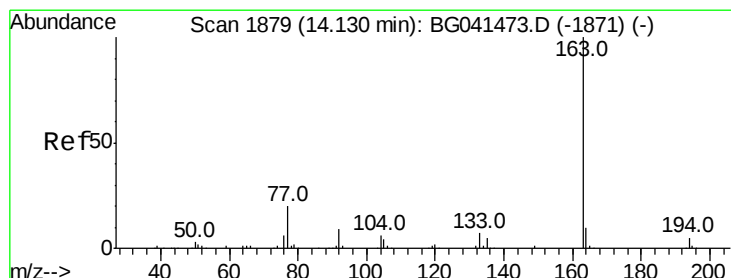
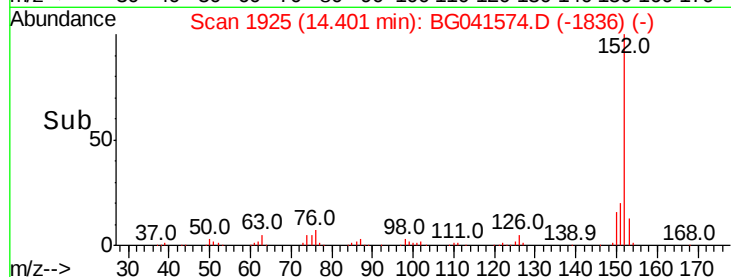
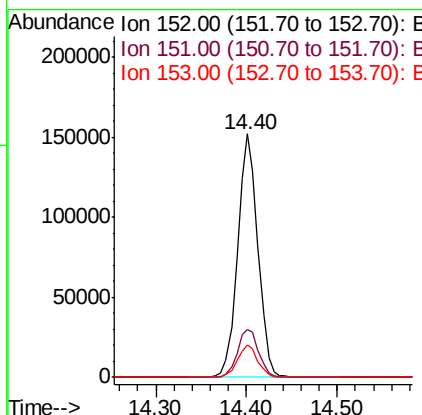
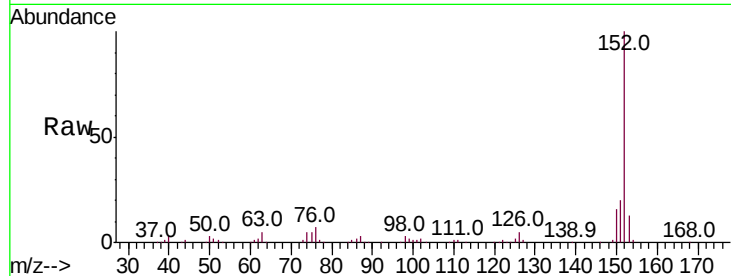
#49
Acenaphthylene
Concen: 38.685 ng
RT: 14.40 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BG041574.D
Acq: 2 Jul 2019 15:55

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:	152	Resp:	234891
Ion Ratio	Lower	Upper	
152	100		
151	19.6	16.7	25.1
153	13.2	10.8	16.2

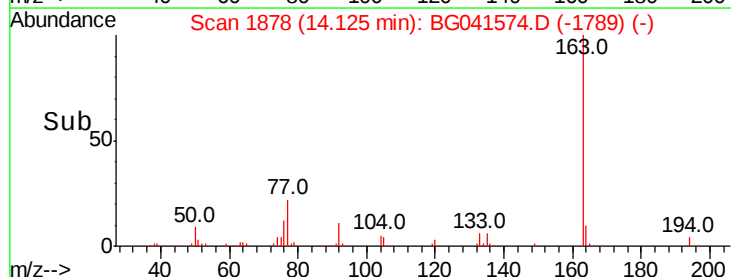
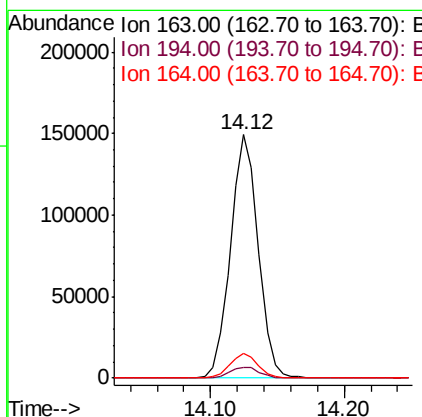
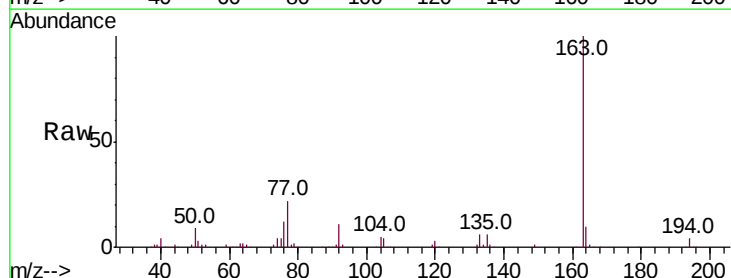
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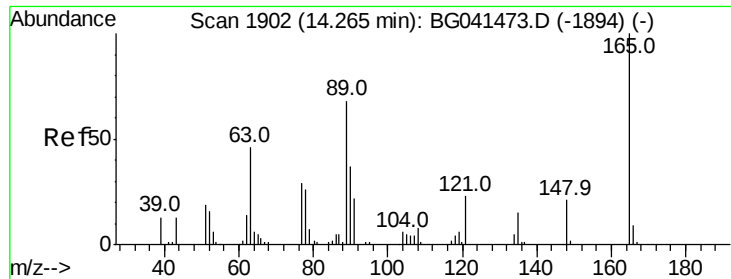
mohammad
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#50
Dimethylphthalate
Concen: 39.506 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG041574.D
Acq: 2 Jul 2019 15:55

Tgt Ion:	163	Resp:	215493
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.7	5.5
164	10.4	7.8	11.6





#51

2,6-Dinitrotoluene

Concen: 38.187 ng

RT: 14.26 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BG041574.D

Acq: 2 Jul 2019 15:55

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:165 Resp: 44204

Ion Ratio Lower Upper

165 100

63 67.2 56.4 84.6

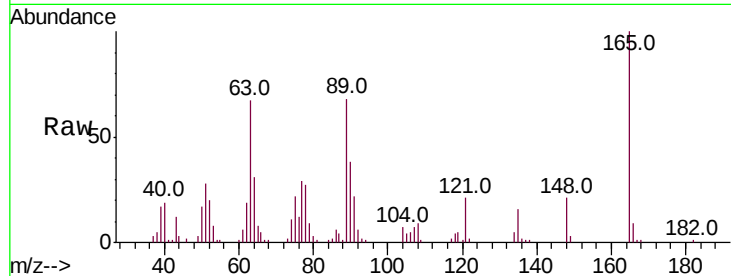
89 68.3 54.6 81.8

Manual Integrations

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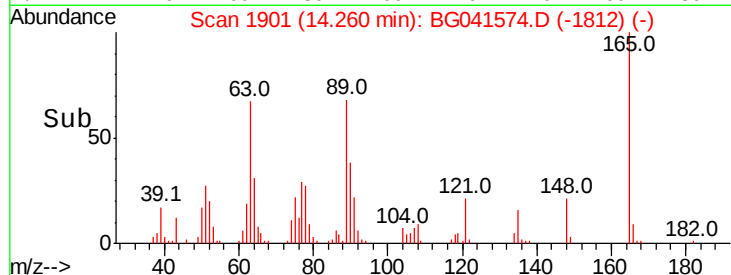


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Time-->



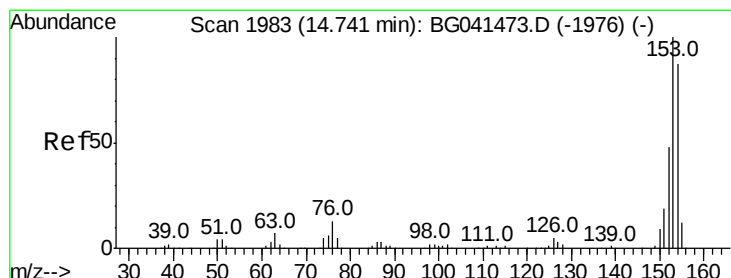
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Time-->



#52

Acenaphthene

Concen: 38.113 ng

RT: 14.74 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BG041574.D

Acq: 2 Jul 2019 15:55

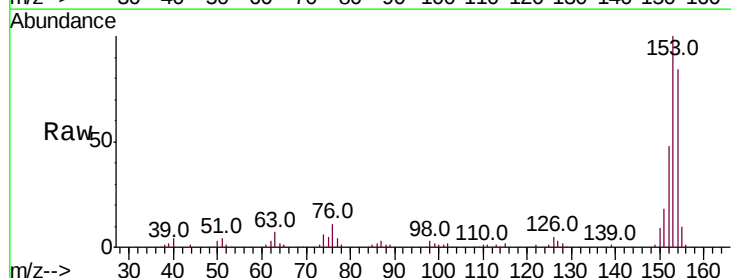
Tgt Ion:154 Resp: 137231

Ion Ratio Lower Upper

154 100

153 118.4 92.2 138.4

152 57.4 44.1 66.1

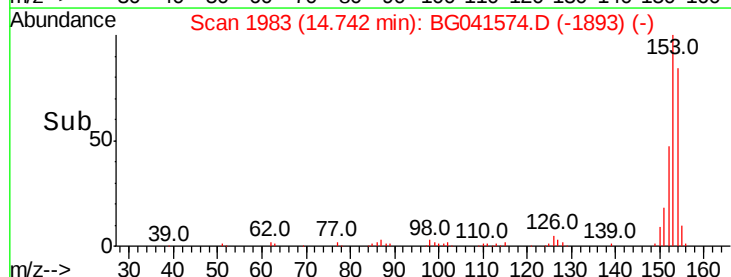


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



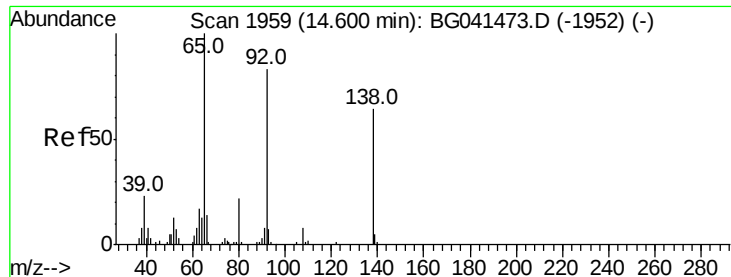
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



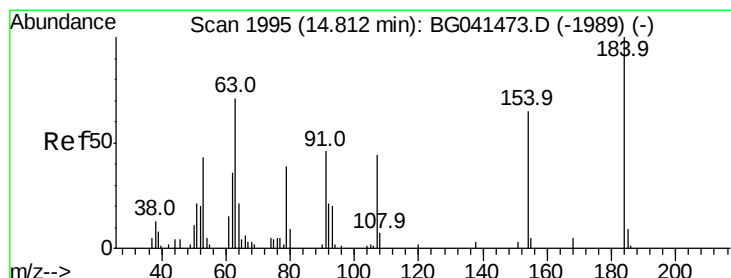
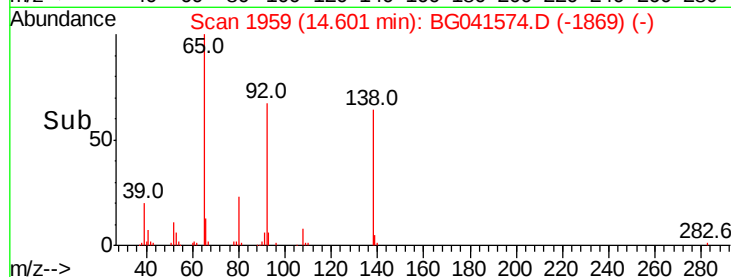
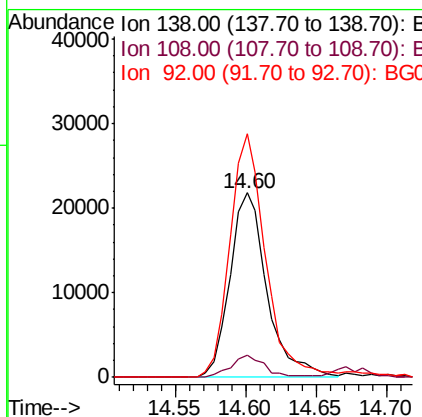
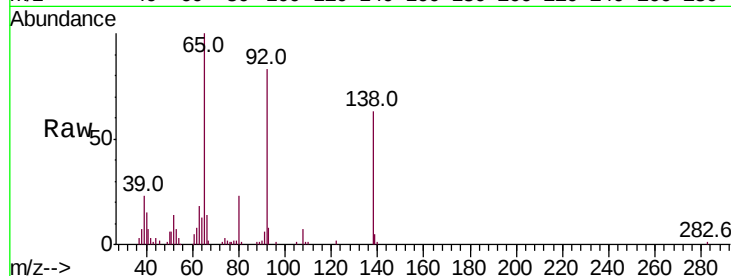
#53
3-Nitroaniline
Concen: 36.122 ng
RT: 14.60 min Scan# 1959
Delta R.T. 0.00 min
Lab File: BG041574.D
Acq: 2 Jul 2019 15:55

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.9	9.5	14.3
92	132.0	103.3	154.9

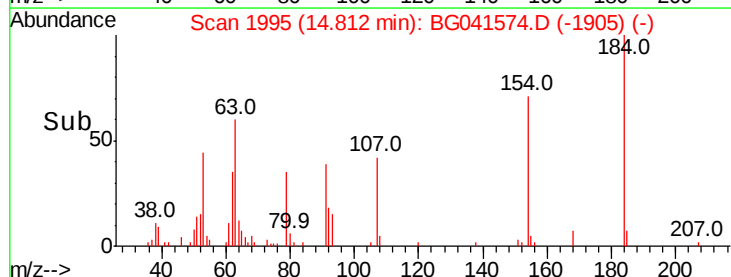
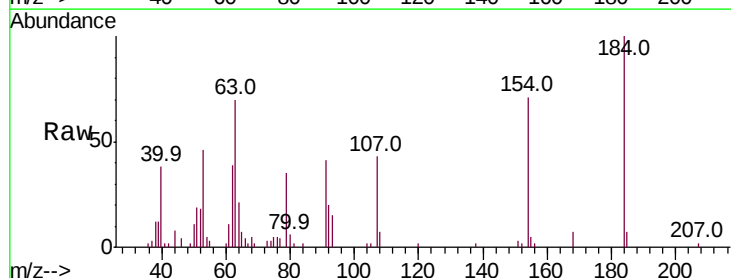
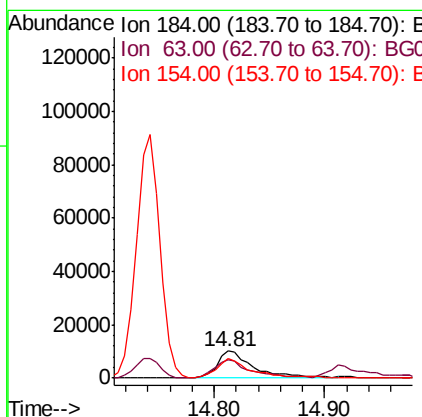
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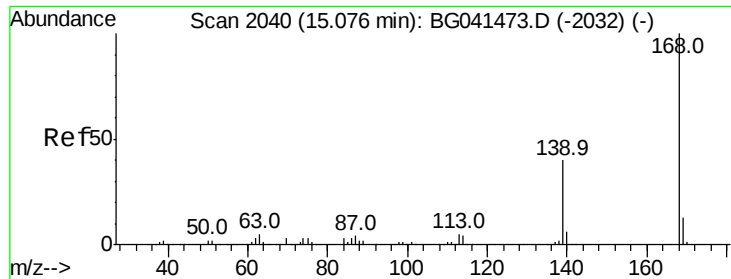
mohammad
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#54
2,4-Dinitrophenol
Concen: 35.566 ng
RT: 14.81 min Scan# 1995
Delta R.T. 0.00 min
Lab File: BG041574.D
Acq: 2 Jul 2019 15:55

Tgt Ion	Ratio	Lower	Upper
184	100		
63	70.2	56.5	84.7
154	71.0	54.2	81.4





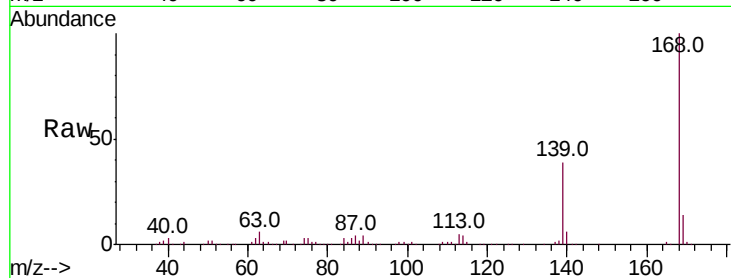
#55
Dibenzenofuran
Concen: 39.052 ng
RT: 15.08 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BG041574.D
Acq: 2 Jul 2019 15:55

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.1	32.2	48.4
169	13.7	10.6	16.0

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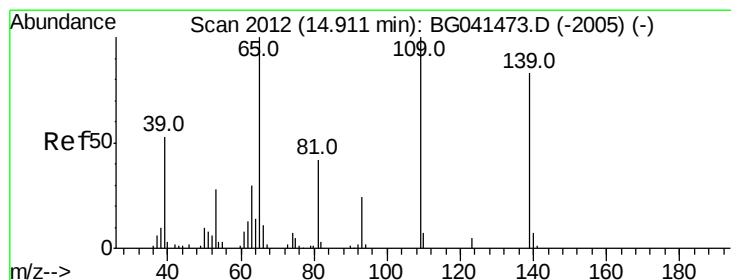
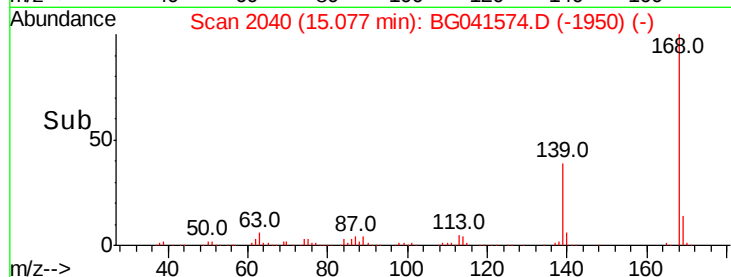
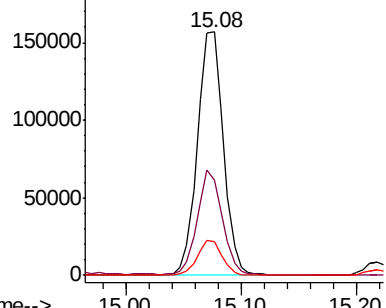


Abundance

Ion 168.00 (167.70 to 168.70): E

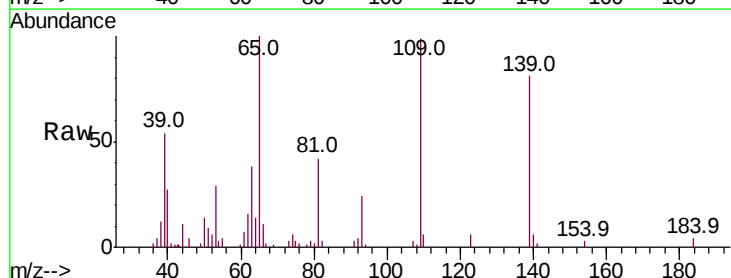
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 36.517 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BG041574.D
Acq: 2 Jul 2019 15:55

Tgt Ion	Ratio	Lower	Upper
139	100		
109	121.3	99.9	139.9
65	122.7	100.6	140.6

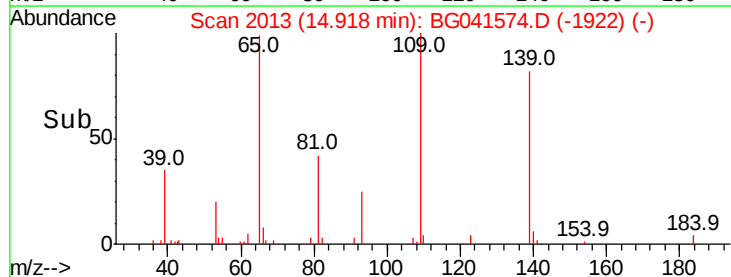
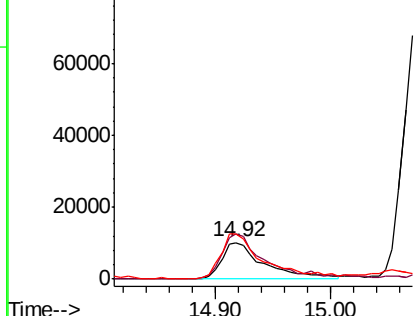


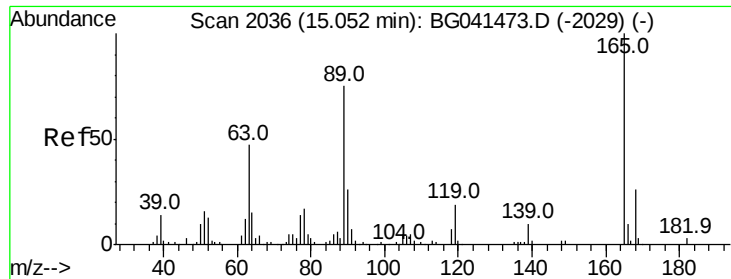
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





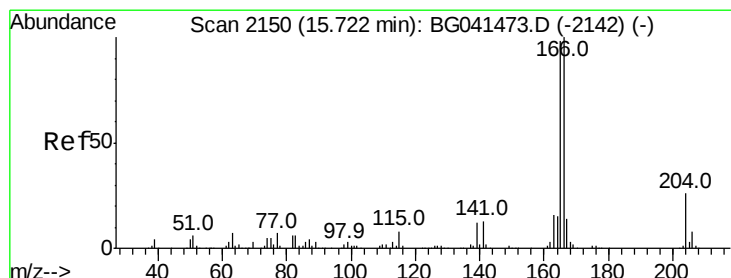
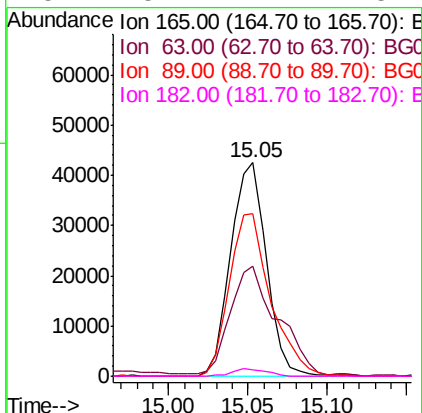
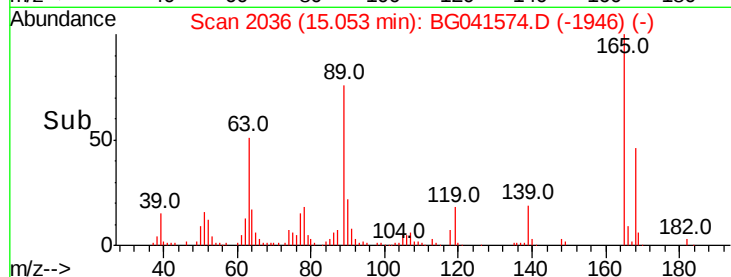
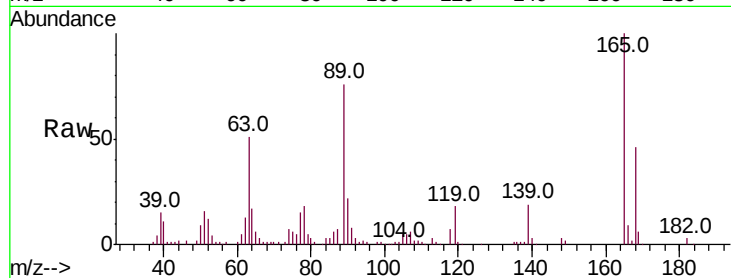
#57
2,4-Dinitrotoluene
Concen: 39.466 ng
RT: 15.05 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG041574.D
Acq: 2 Jul 2019 15:55

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.4	38.8	58.2
89	76.3	60.1	90.1
182	3.1	2.2	3.2

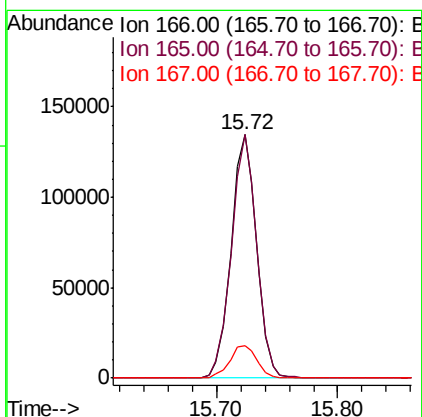
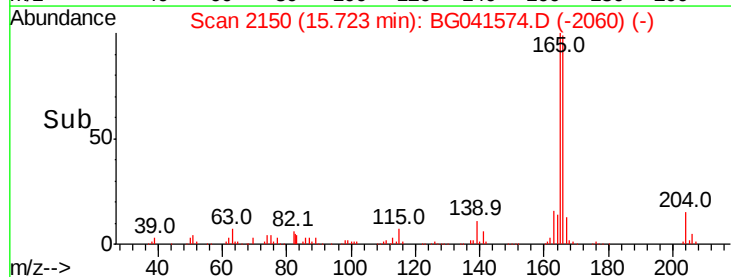
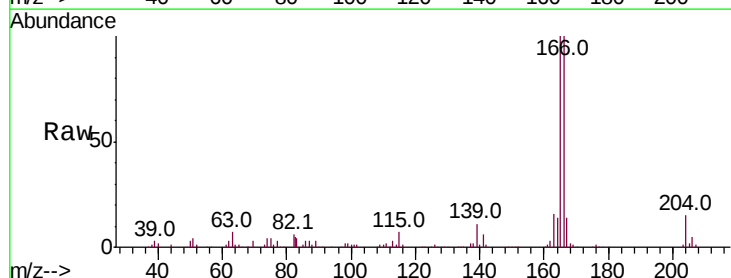
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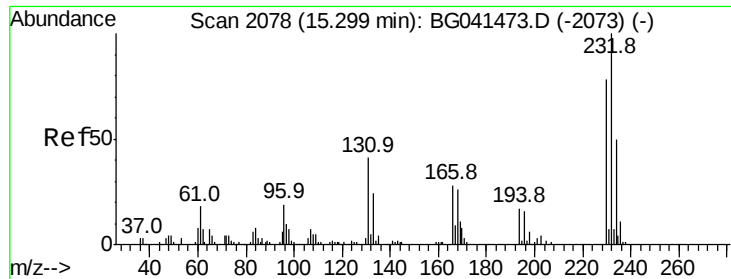
mohammad
7/3/2019 10:55:24 PM



#58
Fluorene
Concen: 39.549 ng
RT: 15.72 min Scan# 2150
Delta R.T. 0.00 min
Lab File: BG041574.D
Acq: 2 Jul 2019 15:55

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.2	78.6	117.8
167	13.5	11.4	17.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.212 ng

RT: 15.30 min Scan# 2078

Delta R.T. 0.00 min

Lab File: BG041574.D

Acq: 2 Jul 2019 15:55

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:232 Resp: 66136

Ion Ratio Lower Upper

232 100

131 36.4 29.8 44.6

130 2.0 2.0 3.0

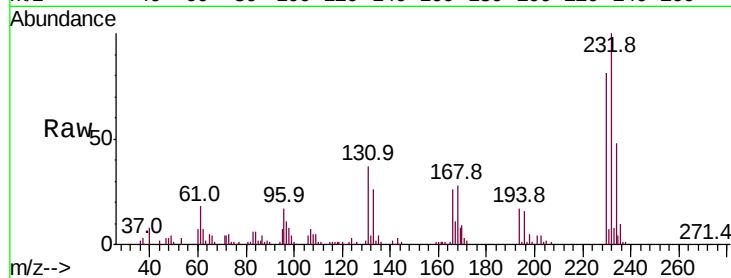
166 25.6 20.2 30.2

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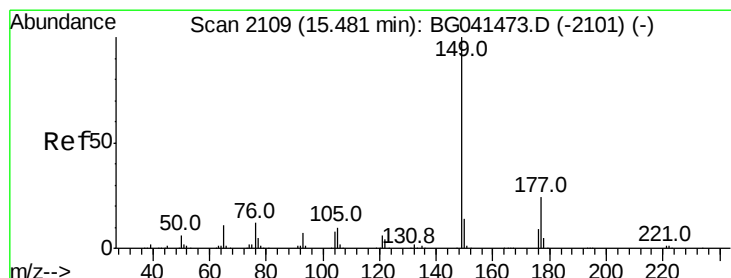
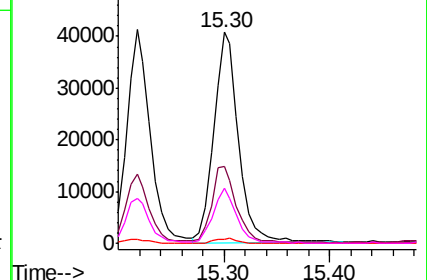
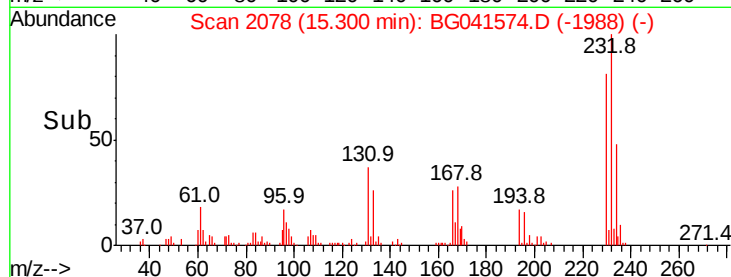
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 39.723 ng

RT: 15.48 min Scan# 2108

Delta R.T. -0.01 min

Lab File: BG041574.D

Acq: 2 Jul 2019 15:55

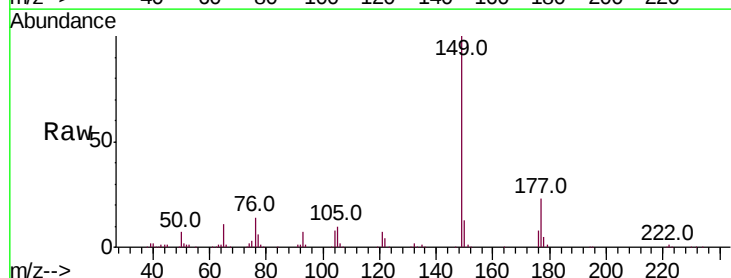
Tgt Ion:149 Resp: 221792

Ion Ratio Lower Upper

149 100

177 22.7 19.2 28.8

150 13.0 11.2 16.8

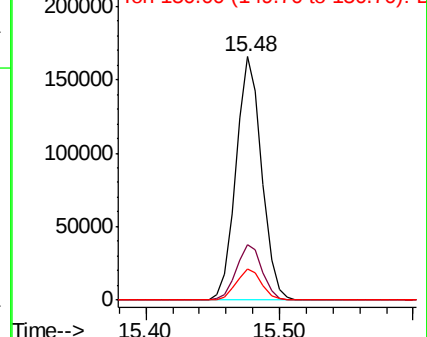
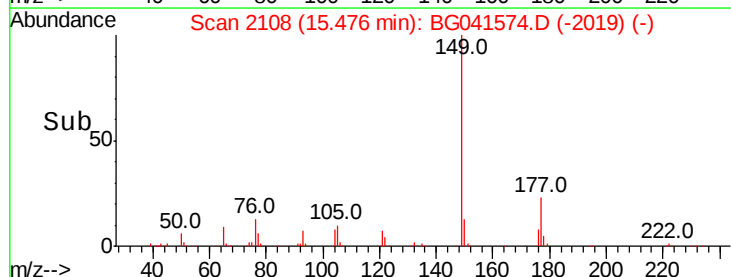


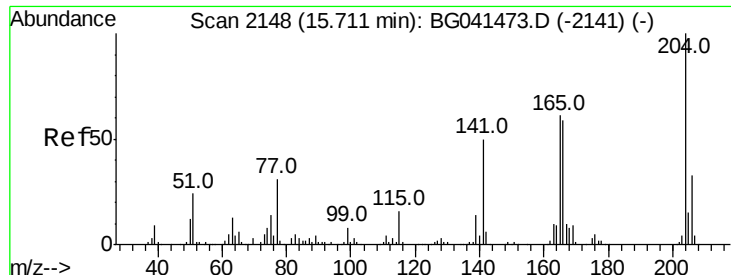
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





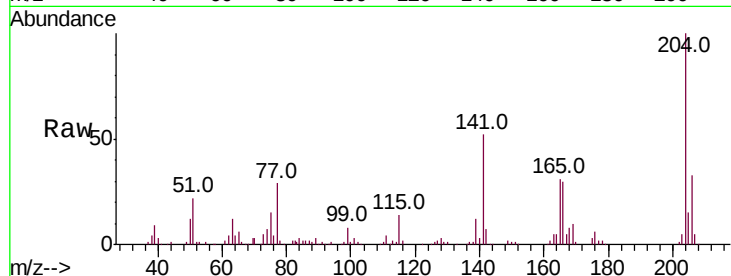
#61
4-Chlorophenyl-phenylether
Concen: 39.776 ng
RT: 15.71 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BG041574.D
Acq: 2 Jul 2019 15:55

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.6	40.0
141	52.1	40.1	60.1

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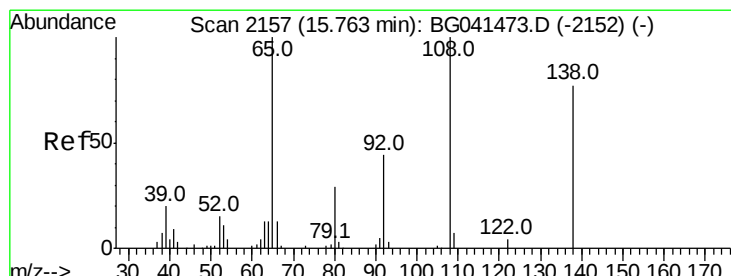
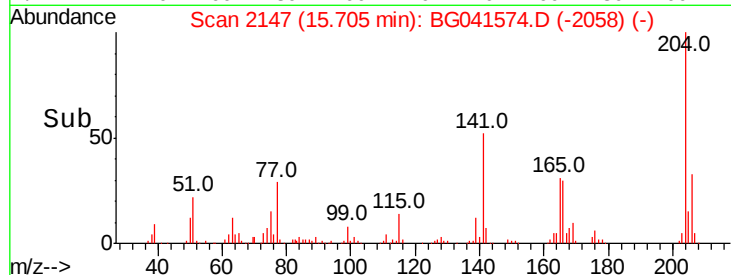
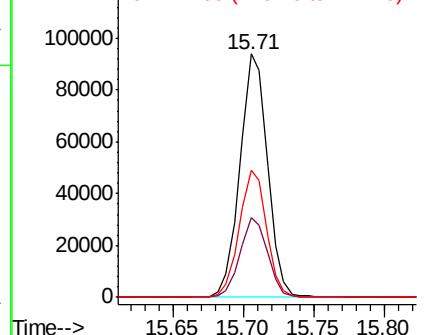


Abundance

Ion 204.00 (203.70 to 204.70): E

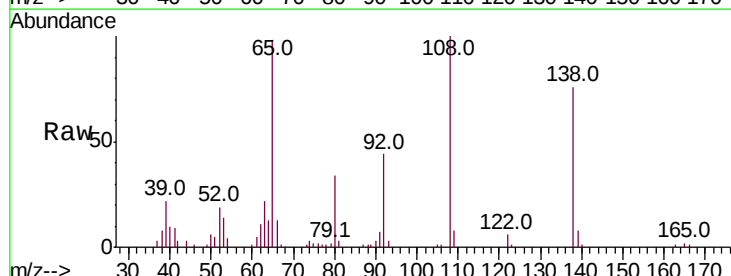
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 39.454 ng
RT: 15.76 min Scan# 2157
Delta R.T. 0.00 min
Lab File: BG041574.D
Acq: 2 Jul 2019 15:55

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.7	34.9	74.9
108	131.0	105.5	145.5

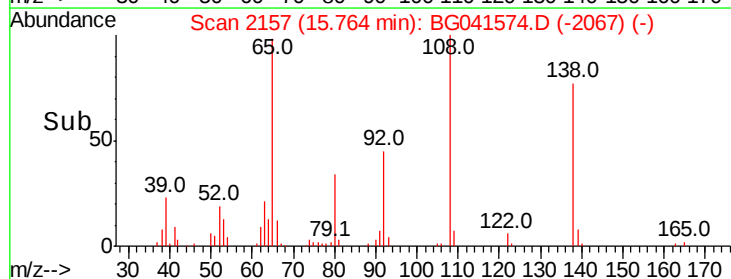
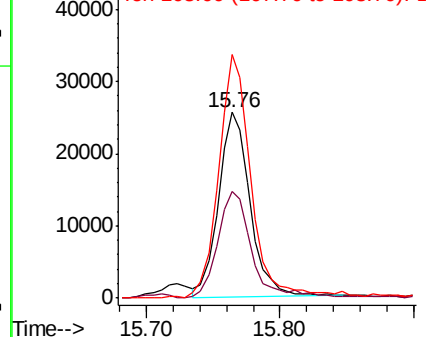


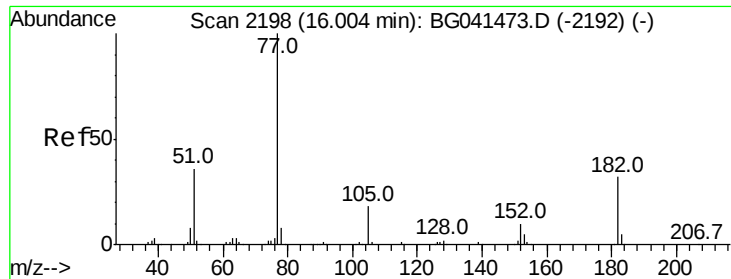
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





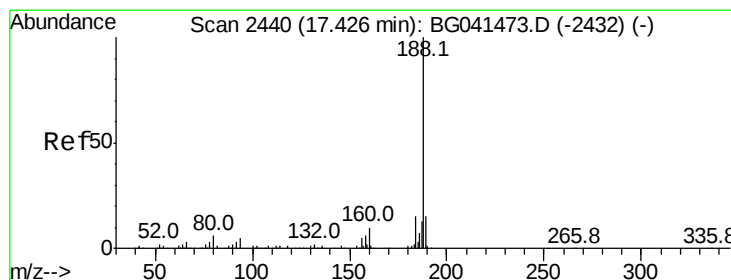
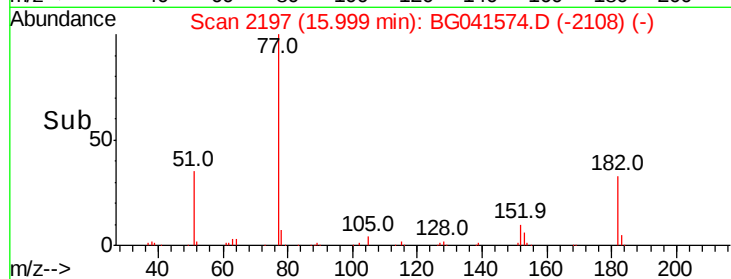
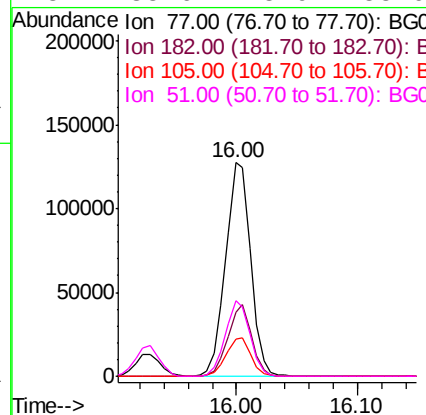
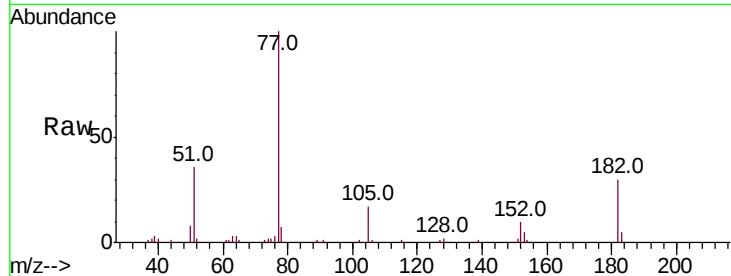
#63
Azobenzene
Concen: 38.825 ng
RT: 16.00 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BG041574.D
Acq: 2 Jul 2019 15:55

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
77	100	182769		
182	30.1		12.2	52.2
105	17.2		0.0	38.1
51	35.6		15.9	55.9

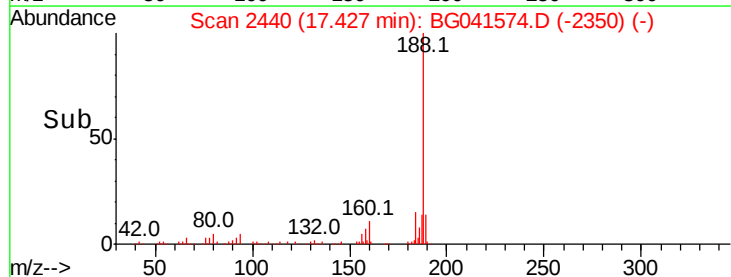
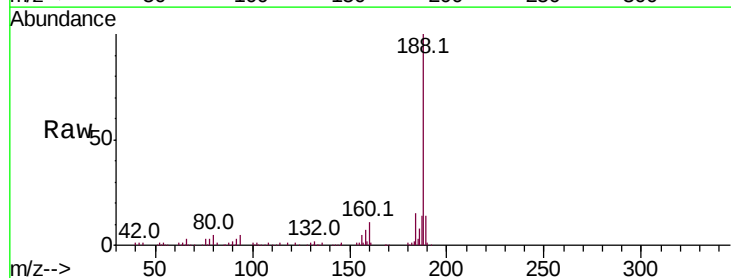
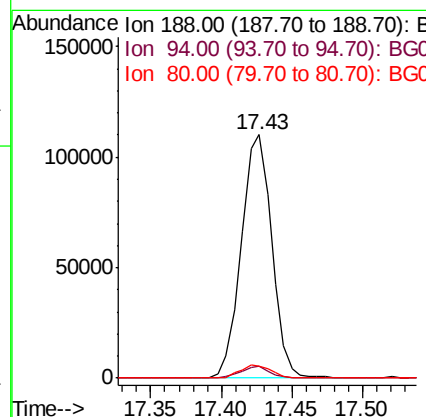
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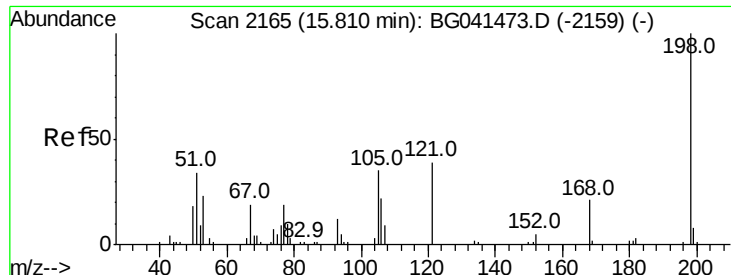
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2440
Delta R.T. 0.00 min
Lab File: BG041574.D
Acq: 2 Jul 2019 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	166600		
94	5.0		3.8	5.8
80	5.0		4.8	7.2





#65

4,6-Dinitro-2-methylphenol

Concen: 37.638 ng

RT: 15.81 min Scan# 2165

Delta R.T. 0.00 min

Lab File: BG041574.D

Acq: 2 Jul 2019 15:55

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:198 Resp: 38835

Ion Ratio Lower Upper

198 100

51 45.0 19.0 59.0

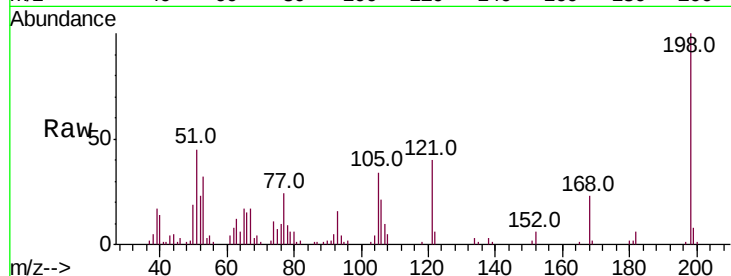
105 34.2 16.1 56.1

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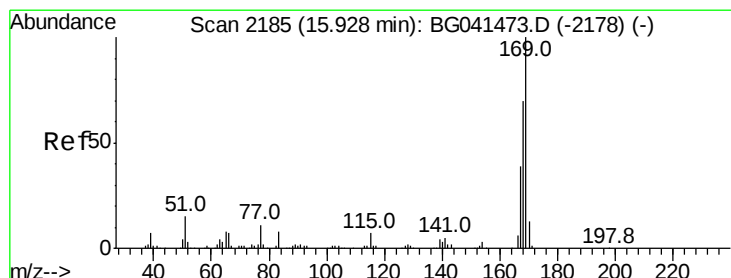
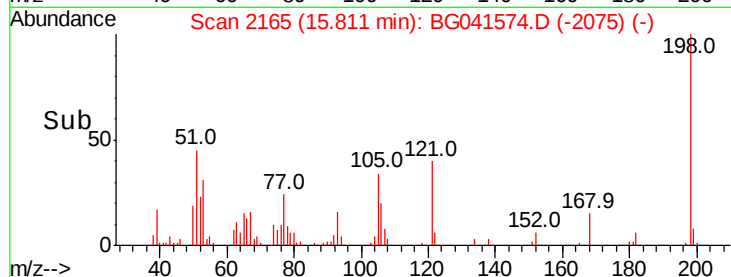
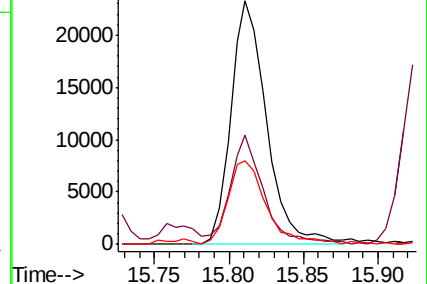
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.332 ng

RT: 15.93 min Scan# 2185

Delta R.T. 0.00 min

Lab File: BG041574.D

Acq: 2 Jul 2019 15:55

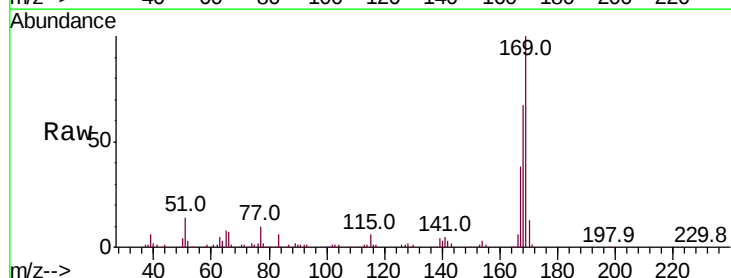
Tgt Ion:169 Resp: 175761

Ion Ratio Lower Upper

169 100

168 67.3 56.2 84.4

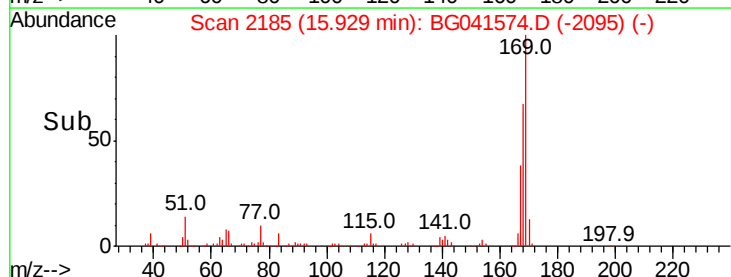
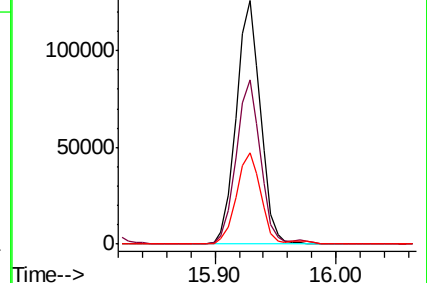
167 37.7 31.0 46.6

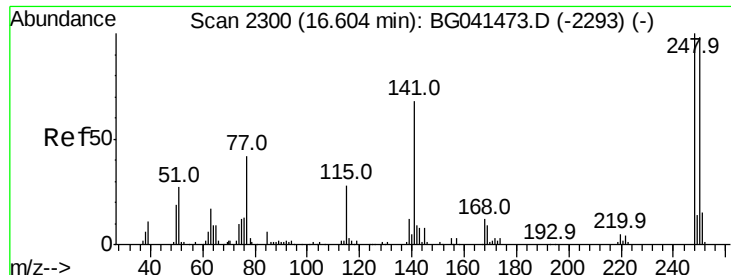


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





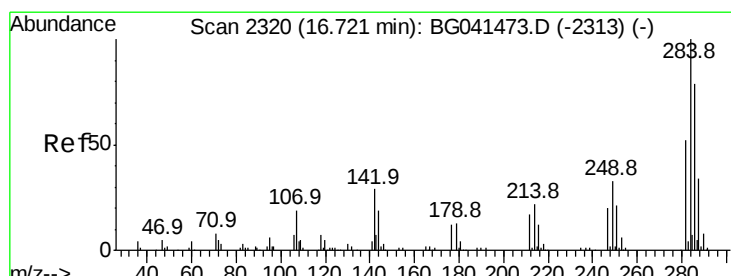
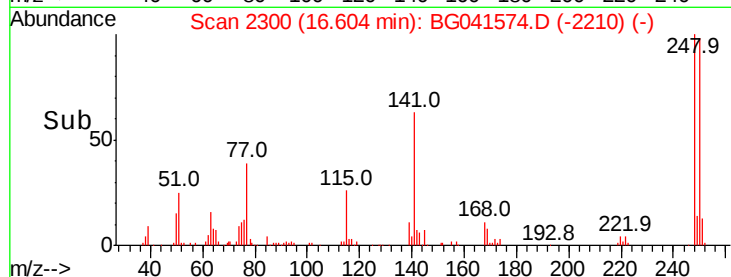
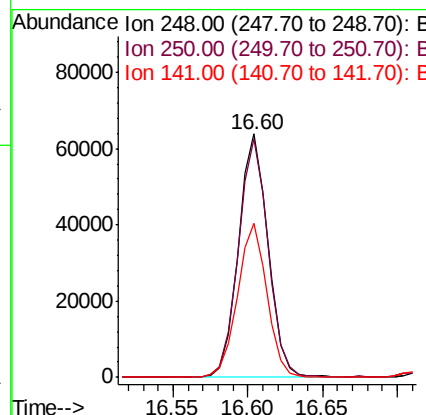
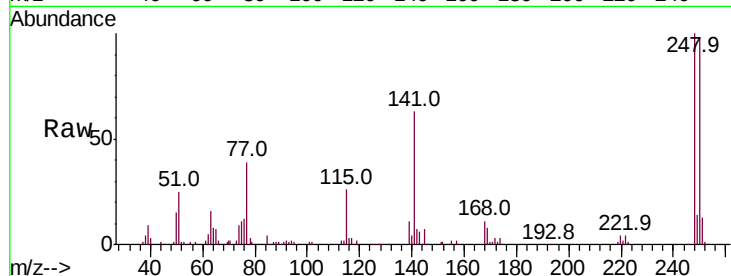
#67
 4-Bromophenyl-phenylether
 Concen: 38.522 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: BG041574.D
 Acq: 2 Jul 2019 15:55

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040EC

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	78.1	117.1
141	63.3	54.1	81.1

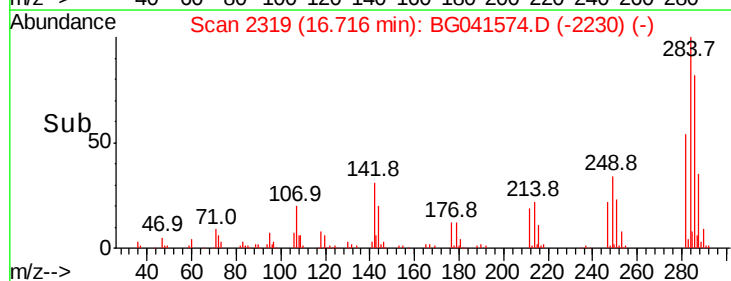
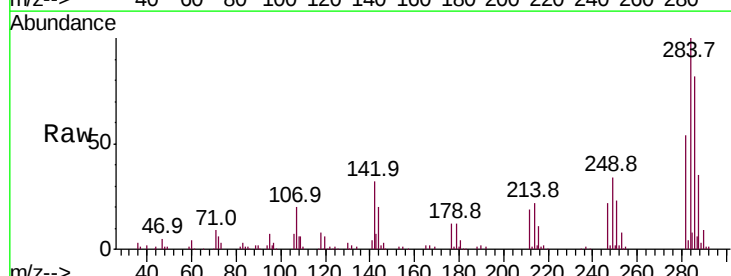
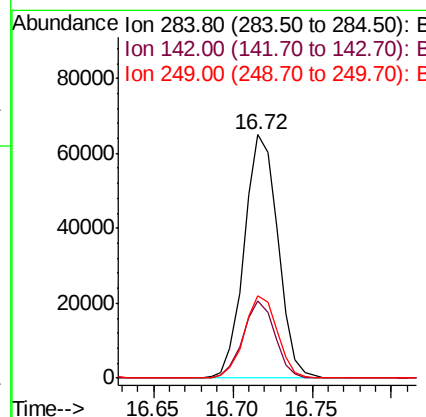
Manual Integrations
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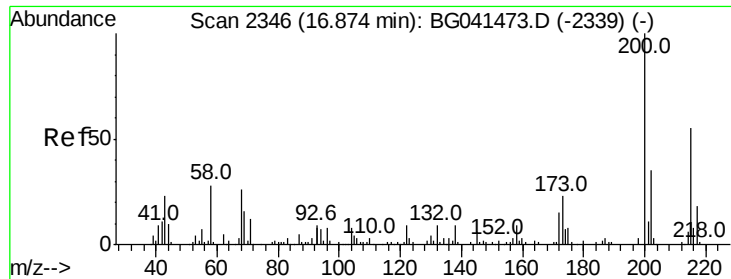
mohammad
 7/3/2019 10:55:24 PM



#68
 Hexachlorobenzene
 Concen: 38.993 ng
 RT: 16.72 min Scan# 2319
 Delta R.T. -0.01 min
 Lab File: BG041574.D
 Acq: 2 Jul 2019 15:55

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.6	22.9	34.3
249	33.7	26.1	39.1





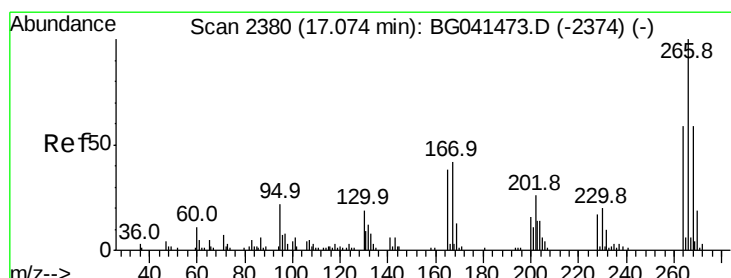
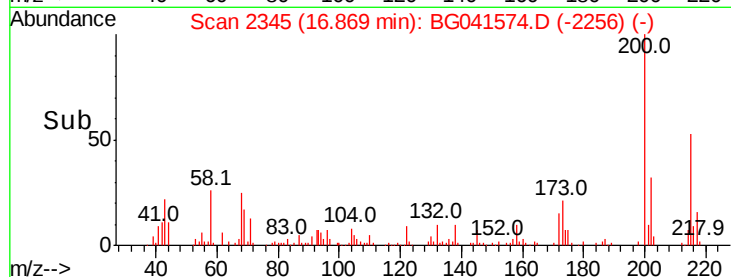
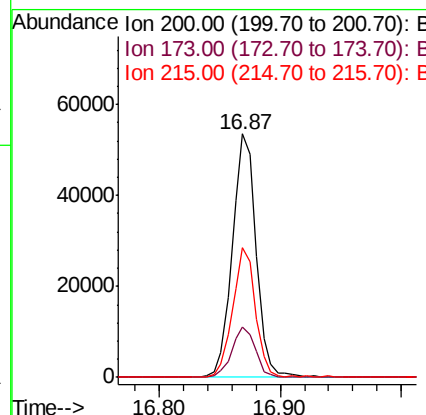
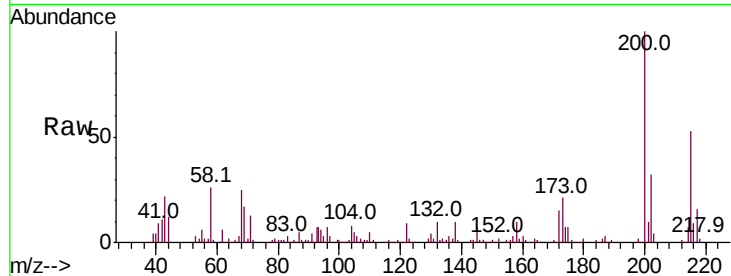
#69
 Atrazine
 Concen: 37.642 ng
 RT: 16.87 min Scan# 2345
 Delta R.T. -0.00 min
 Lab File: BG041574.D
 Acq: 2 Jul 2019 15:55

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
200	100		
173	20.8	3.1	43.1
215	53.0	34.7	74.7

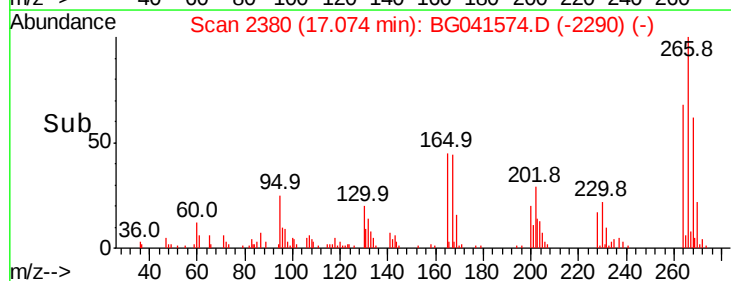
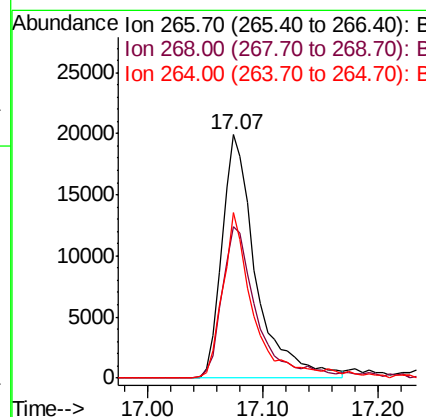
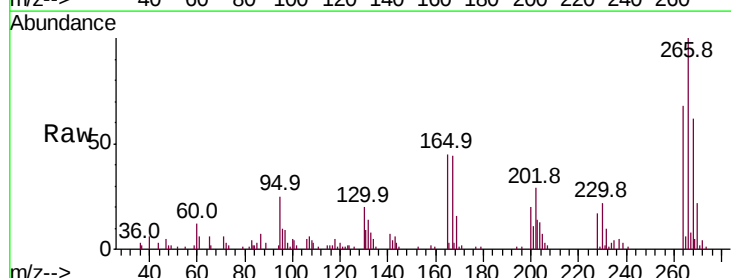
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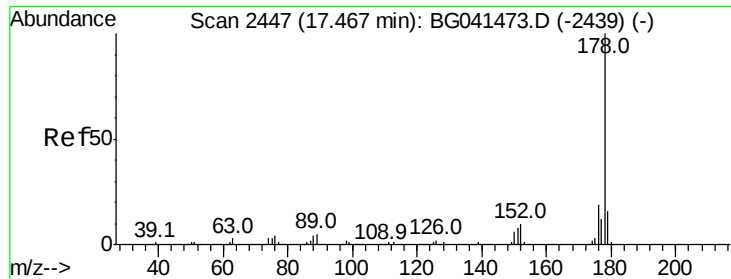
mohammad
 7/3/2019 10:55:24 PM



#70
 Pentachlorophenol
 Concen: 36.460 ng
 RT: 17.07 min Scan# 2380
 Delta R.T. 0.00 min
 Lab File: BG041574.D
 Acq: 2 Jul 2019 15:55

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.3	47.0	70.4
264	74.0	47.4	71.0#





#71

Phenanthrene

Concen: 39.617 ng

RT: 17.47 min Scan# 2447

Delta R.T. 0.00 min

Lab File: BG041574.D

Acq: 2 Jul 2019 15:55

Instrument :

BNA_G

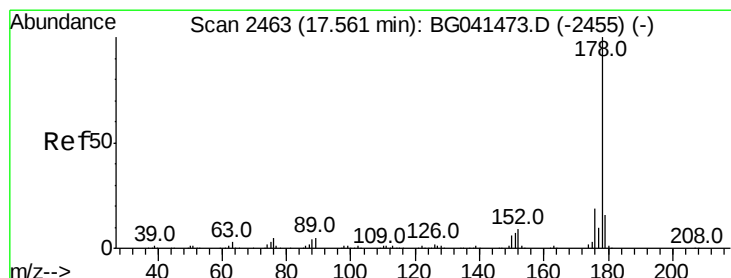
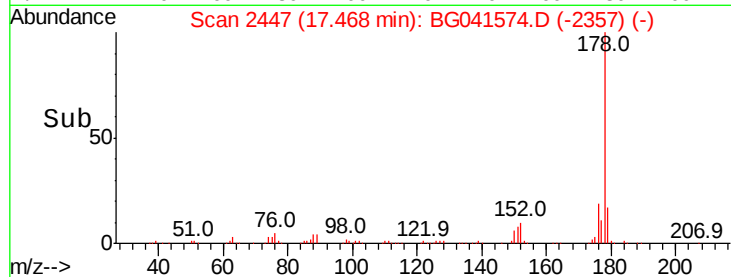
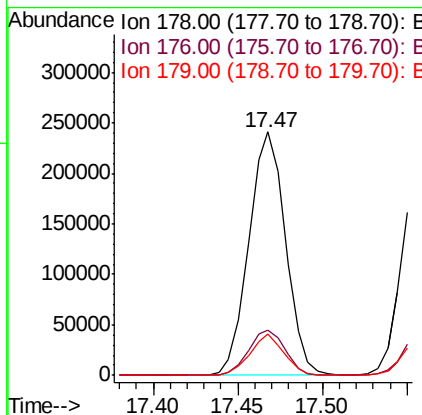
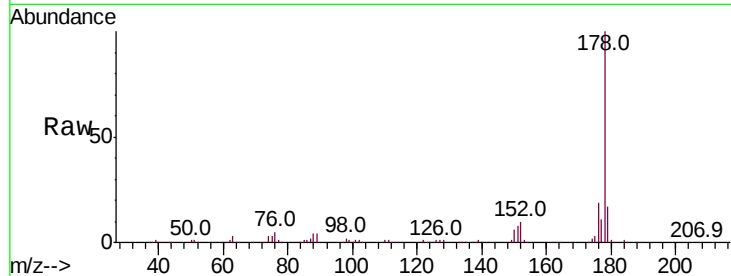
ClientSampleId :

SSTDCCC040EC

Tot Ion:	178	Resp:	363646
Ion Ratio	Lower	Upper	
178	100		
176	18.8	15.4	23.0
179	16.9	13.0	19.4

Manual Integrations
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#72

Anthracene

Concen: 39.586 ng

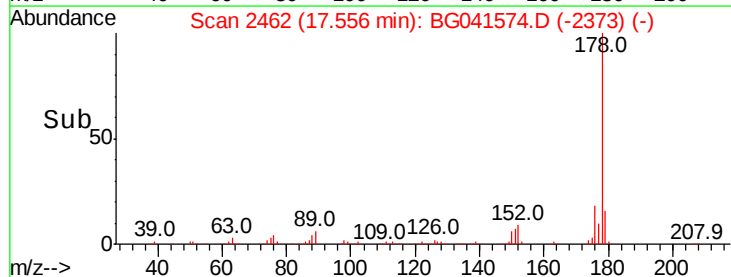
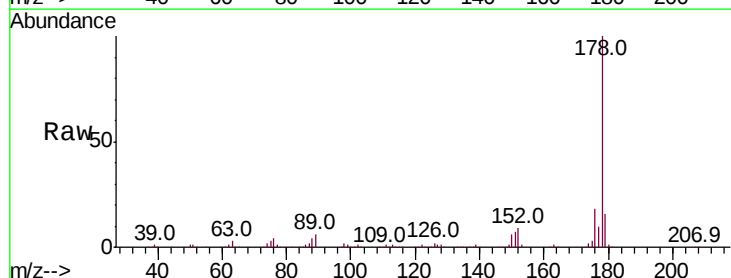
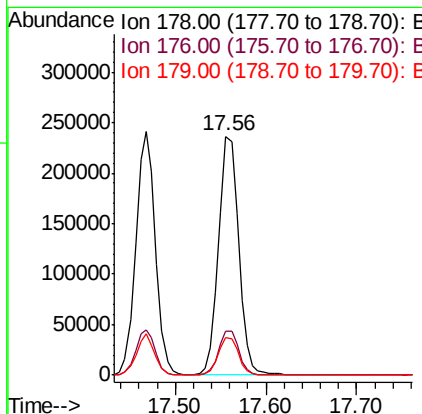
RT: 17.56 min Scan# 2462

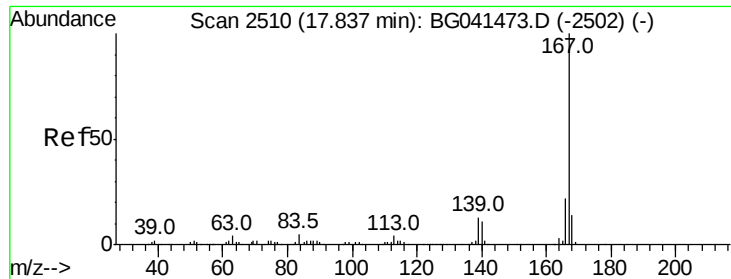
Delta R.T. -0.01 min

Lab File: BG041574.D

Acq: 2 Jul 2019 15:55

Tgt Ion:	178	Resp:	363568
Ion Ratio	Lower	Upper	
178	100		
176	18.2	14.8	22.2
179	15.5	12.8	19.2





#73

Carbazole

Concen: 40.401 ng

RT: 17.84 min Scan# 2510

Delta R.T. 0.00 min

Lab File: BG041574.D

Acq: 2 Jul 2019 15:55

Instrument :

BNA_G

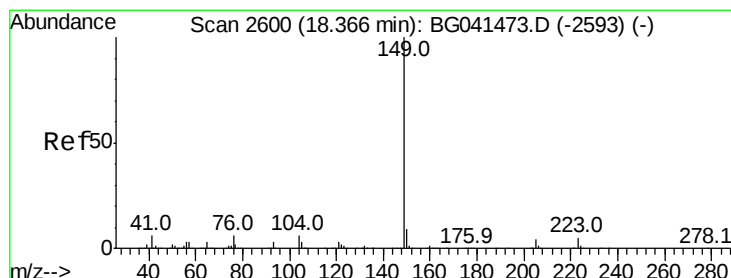
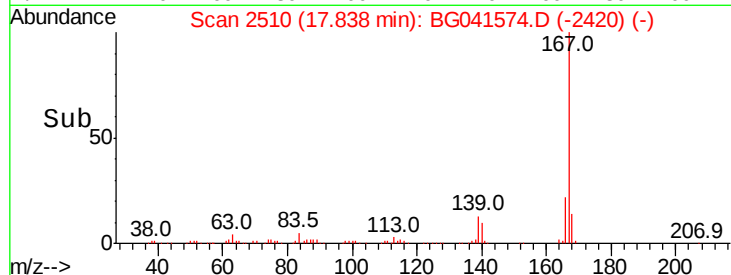
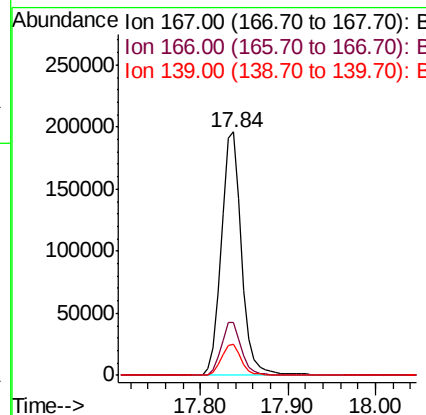
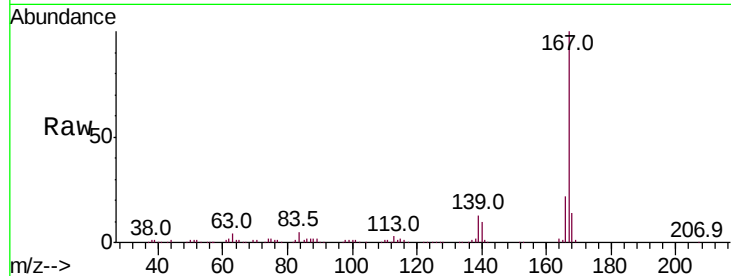
ClientSampleId :

SSTDCCC040EC

Tot Ion:	167	Resp:	315433
Ion Ratio	Lower	Upper	
167	100		
166	21.7	17.8	26.6
139	12.7	10.8	16.2

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#74

Di-n-butylphthalate

Concen: 40.440 ng

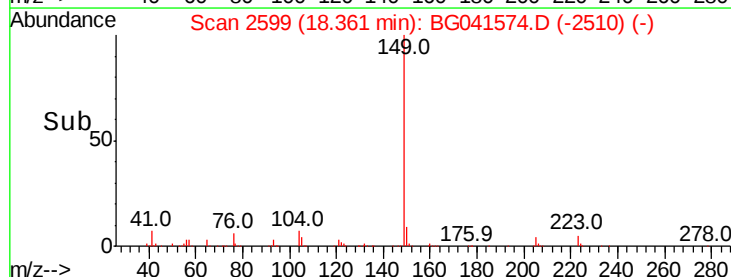
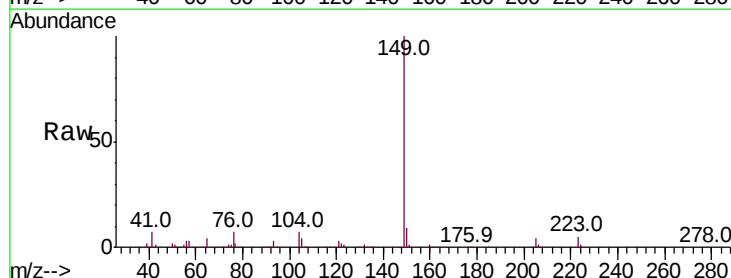
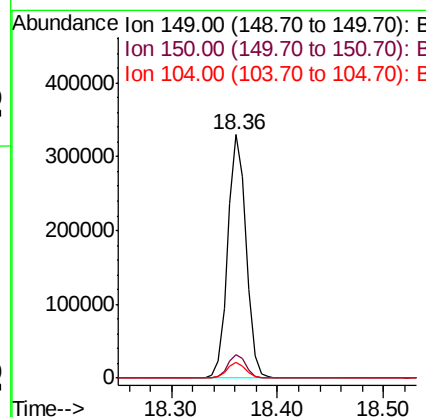
RT: 18.36 min Scan# 2599

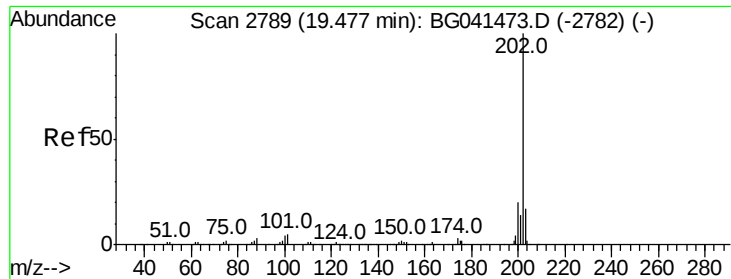
Delta R.T. -0.01 min

Lab File: BG041574.D

Acq: 2 Jul 2019 15:55

Tgt Ion:	149	Resp:	396835
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.5	11.3
104	6.7	5.0	7.6





#75

Fluoranthene

Concen: 41.966 ng

RT: 19.48 min Scan# 2789

Delta R.T. 0.00 min

Lab File: BG041574.D

Acq: 2 Jul 2019 15:55

Instrument :

BNA_G

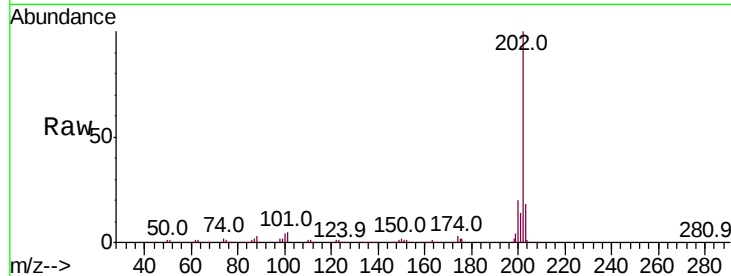
ClientSampleId :

SSTDCCC040EC

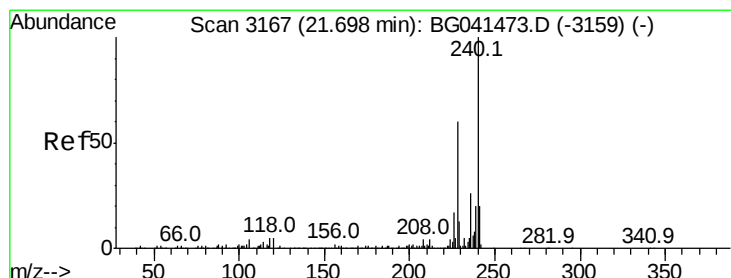
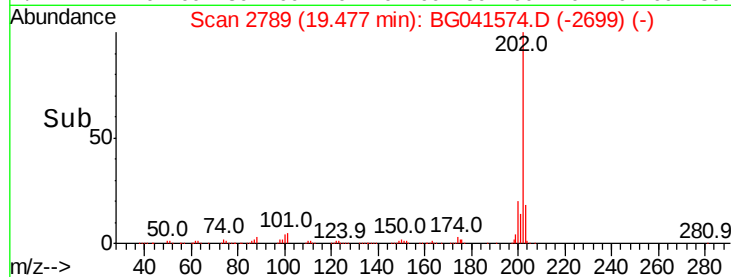
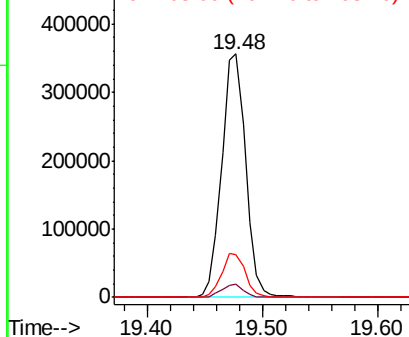
Tot Ion:	202	Resp:	513576
Ion Ratio	Lower	Upper	
202	100		
101	5.2	0.0	24.9
203	17.6	0.0	37.5

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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

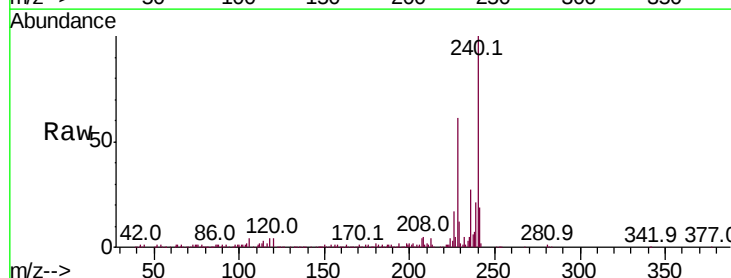
RT: 21.70 min Scan# 3167

Delta R.T. 0.00 min

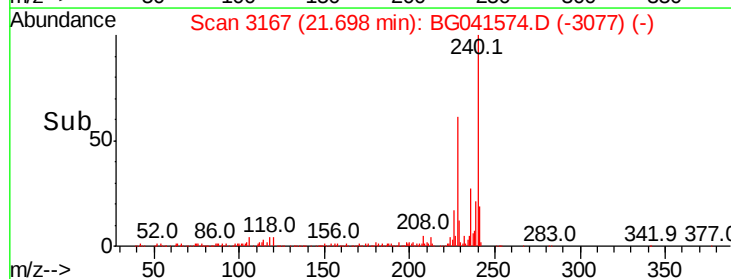
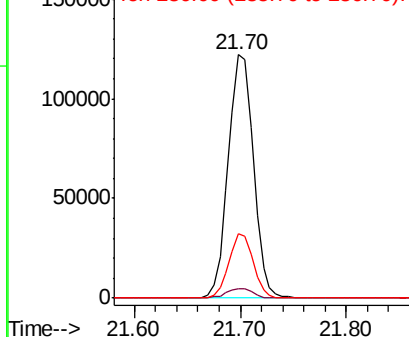
Lab File: BG041574.D

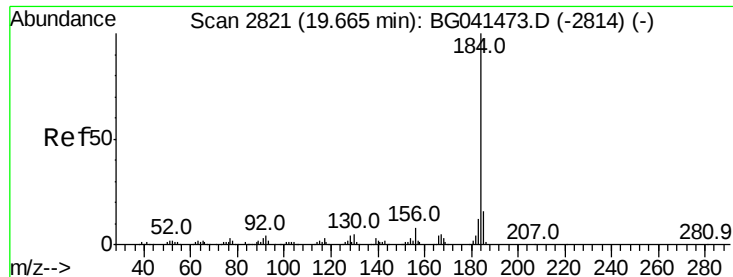
Acq: 2 Jul 2019 15:55

Tgt Ion:	240	Resp:	201502
Ion Ratio	Lower	Upper	
240	100		
120	4.1	3.7	5.5
236	26.7	20.8	31.2



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: 33.955 ng

RT: 19.67 min Scan# 2821

Delta R.T. 0.00 min

Lab File: BG041574.D

Acq: 2 Jul 2019 15:55

Instrument :

BNA_G

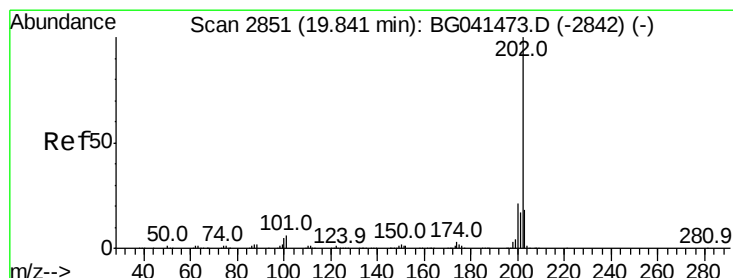
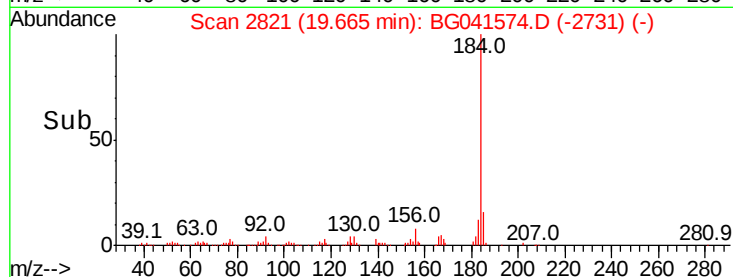
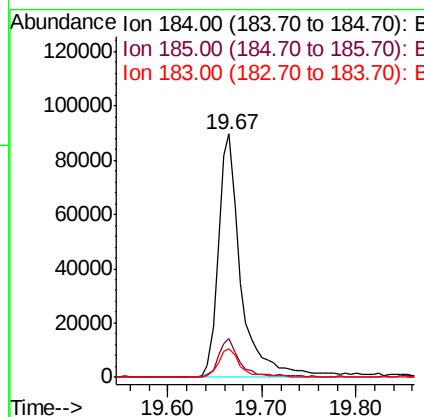
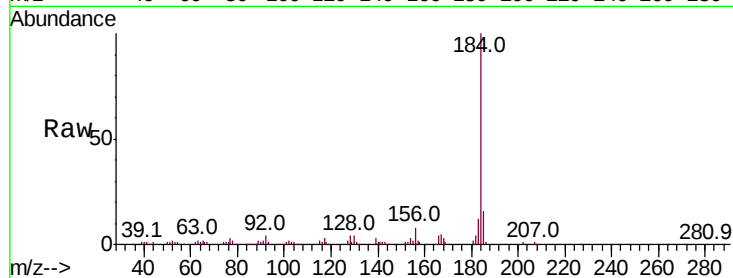
ClientSampleId :

SSTDCCC040EC

Tot Ion:	184	Resp:	151810
Ion Ratio	Lower	Upper	
184	100		
185	16.0	12.7	19.1
183	11.7	9.4	14.2

Manual Integrations
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#78

Pyrene

Concen: 37.872 ng

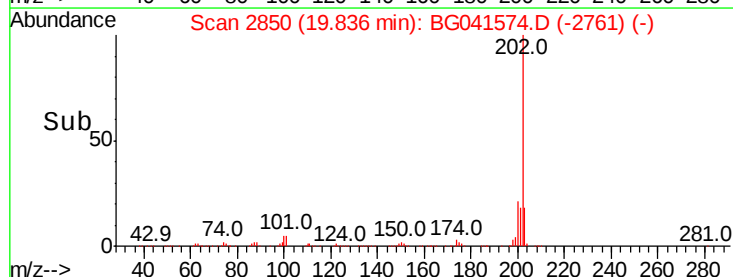
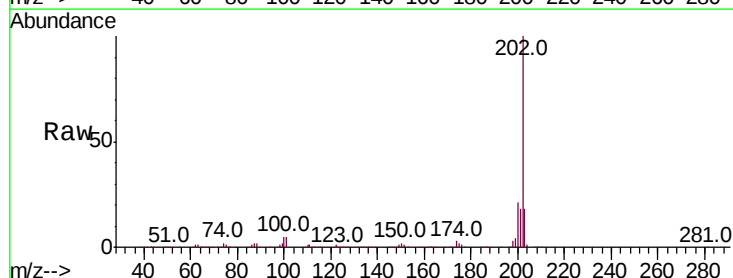
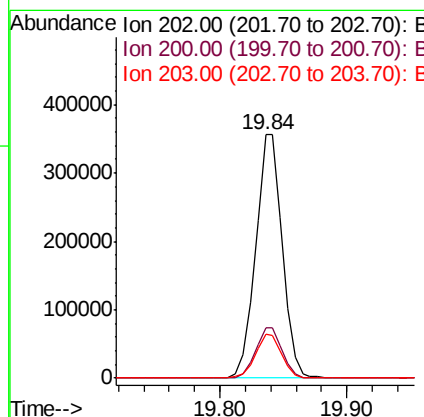
RT: 19.84 min Scan# 2850

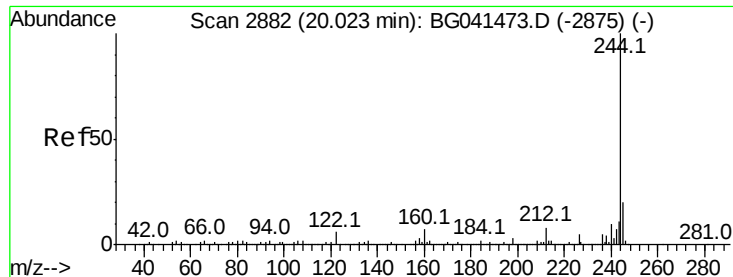
Delta R.T. -0.01 min

Lab File: BG041574.D

Acq: 2 Jul 2019 15:55

Tgt Ion:	202	Resp:	520956
Ion Ratio	Lower	Upper	
202	100		
200	20.8	16.8	25.2
203	17.9	14.2	21.4





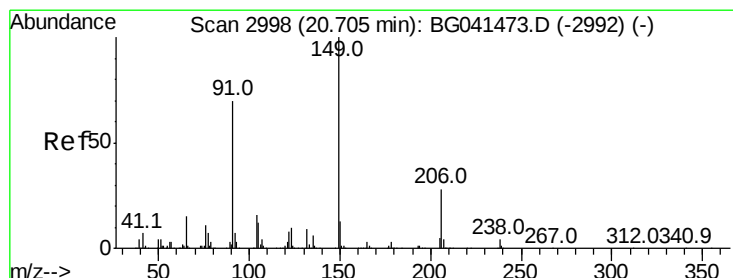
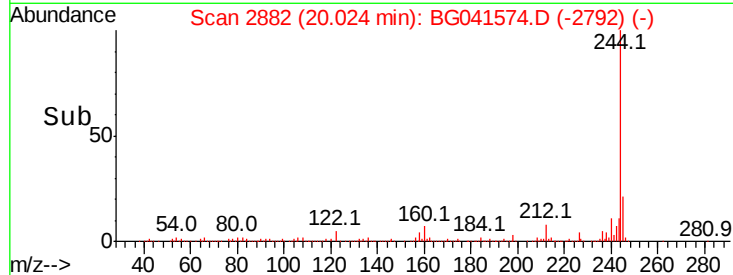
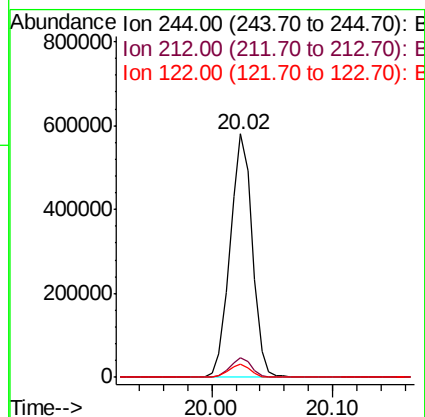
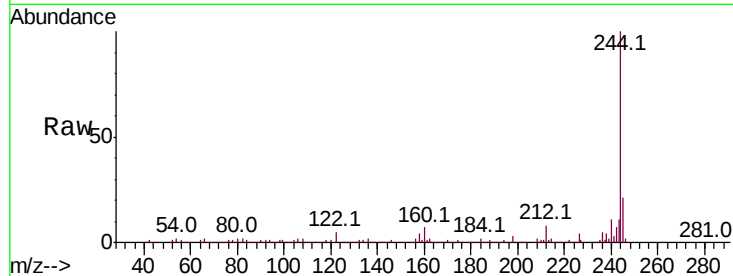
#79
 Terphenyl-d14
 Concen: 77.900 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. 0.00 min
 Lab File: BG041574.D
 Acq: 2 Jul 2019 15:55

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	8.0	6.2	9.4
122	5.3	4.8	7.2

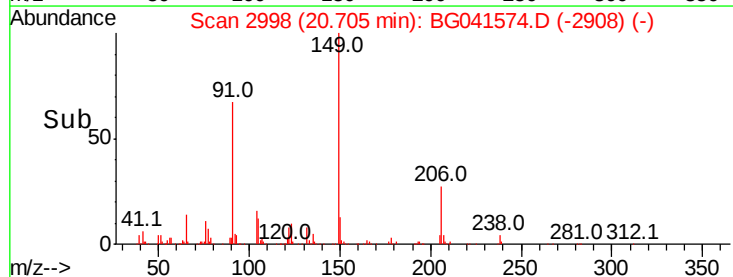
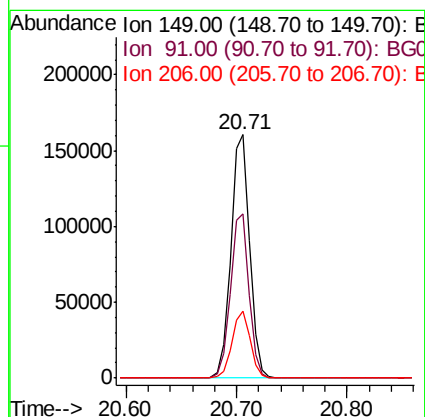
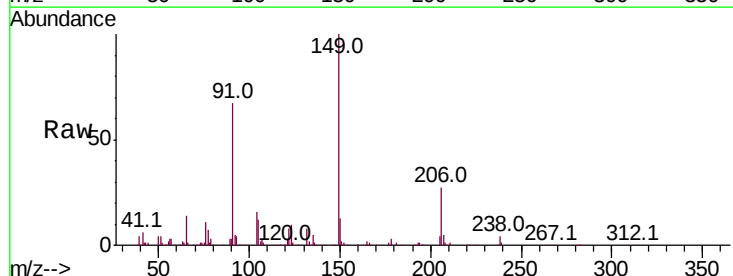
Manual Integrations
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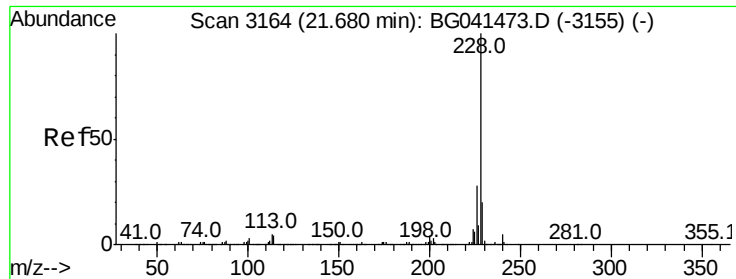
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#80
 Butylbenzylphthalate
 Concen: 37.141 ng
 RT: 20.71 min Scan# 2998
 Delta R.T. 0.00 min
 Lab File: BG041574.D
 Acq: 2 Jul 2019 15:55

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	67.3	55.9	83.9
206	27.5	22.1	33.1





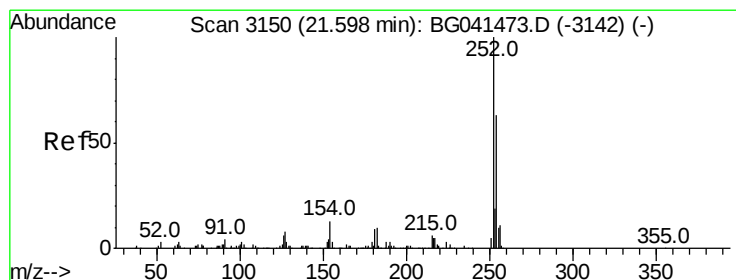
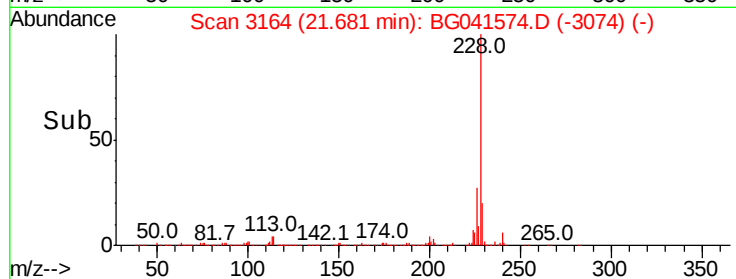
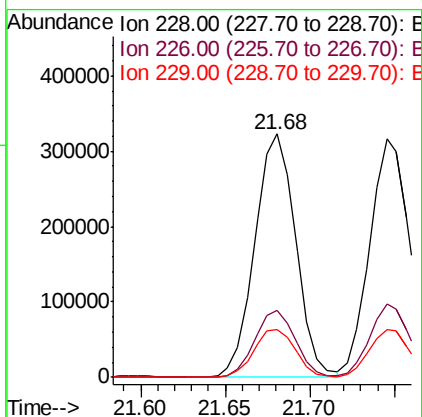
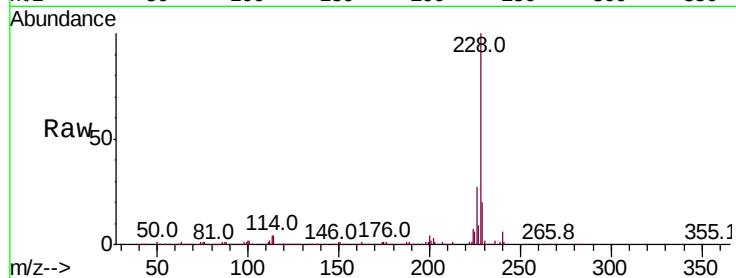
#81
Benzo(a)anthracene
Concen: 38.795 ng
RT: 21.68 min Scan# 3164
Delta R.T. 0.00 min
Lab File: BG041574.D
Acq: 2 Jul 2019 15:55

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	19.6	16.1	24.1

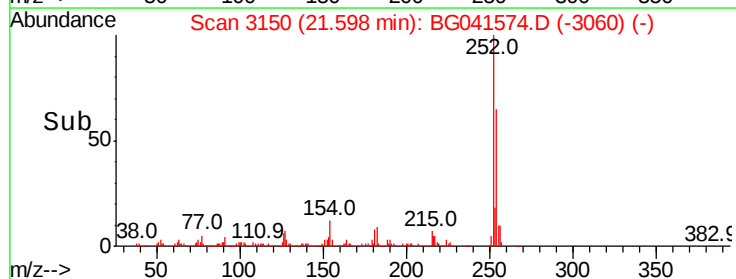
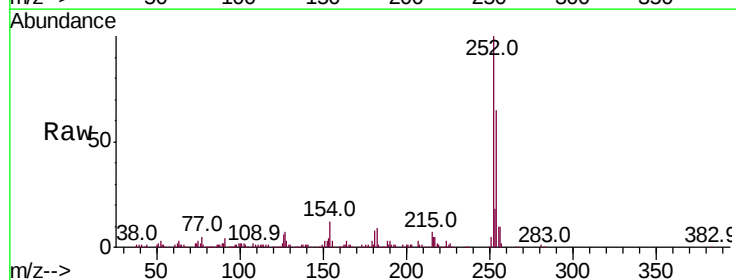
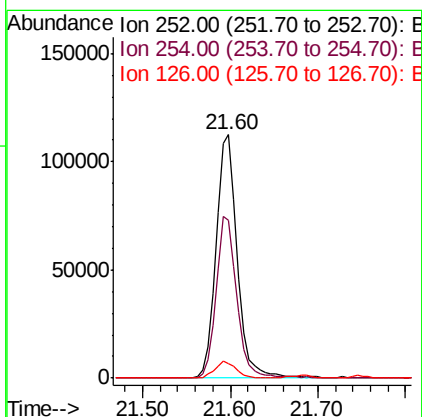
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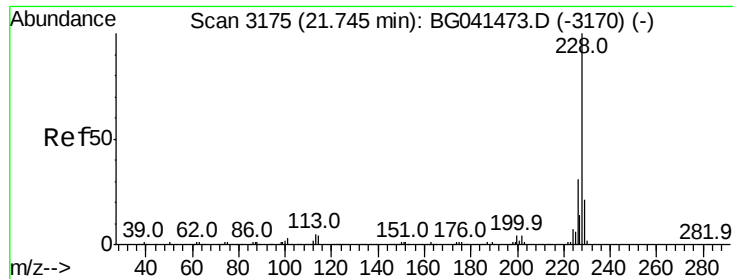
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 39.034 ng
RT: 21.60 min Scan# 3150
Delta R.T. 0.00 min
Lab File: BG041574.D
Acq: 2 Jul 2019 15:55

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.7	50.4	75.6
126	5.9	4.9	7.3





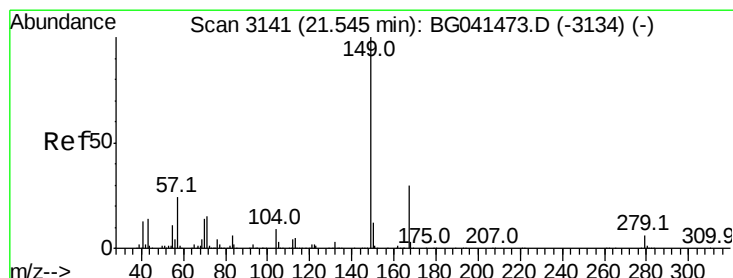
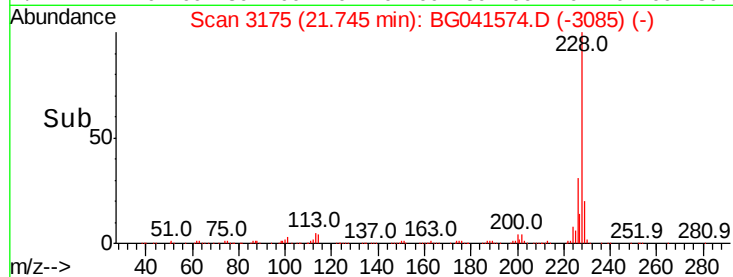
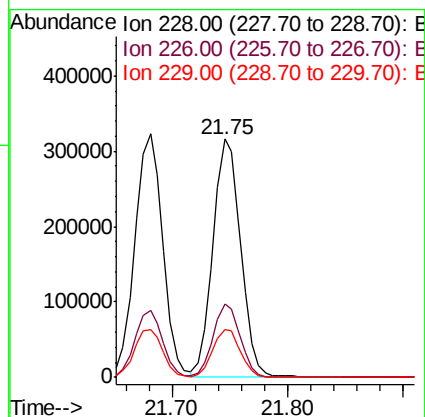
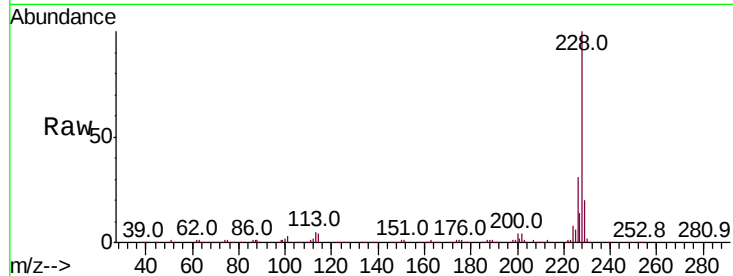
#83
Chrysene
Concen: 38.676 ng
RT: 21.75 min Scan# 3175
Delta R.T. 0.00 min
Lab File: BG041574.D
Acq: 2 Jul 2019 15:55

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:	228	Resp:	524456
Ion Ratio	Lower	Upper	
228	100		
226	30.6	25.0	37.4
229	19.9	16.8	25.2

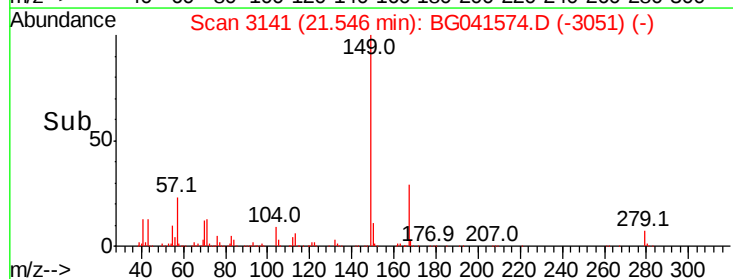
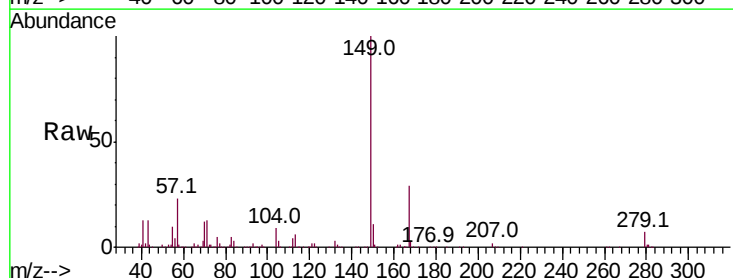
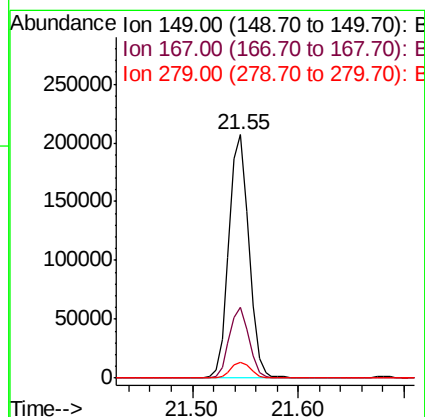
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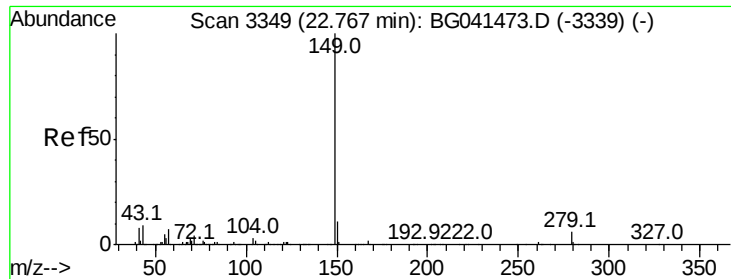
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#84
Bis(2-ethylhexyl)phthalate
Concen: 37.223 ng
RT: 21.55 min Scan# 3141
Delta R.T. 0.00 min
Lab File: BG041574.D
Acq: 2 Jul 2019 15:55

Tgt Ion:	149	Resp:	271102
Ion Ratio	Lower	Upper	
149	100		
167	29.0	23.6	35.4
279	6.7	5.0	7.6





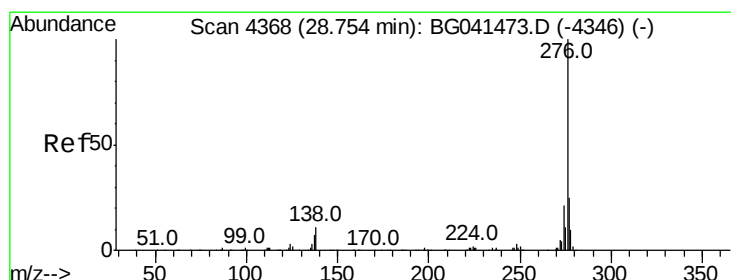
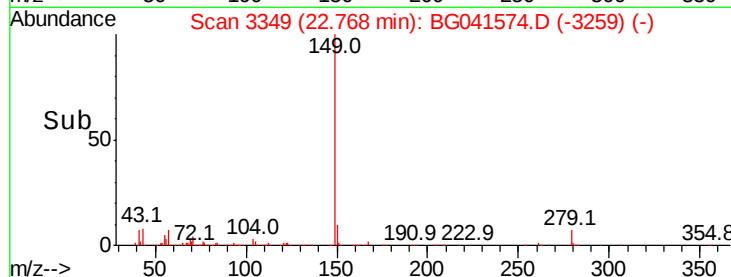
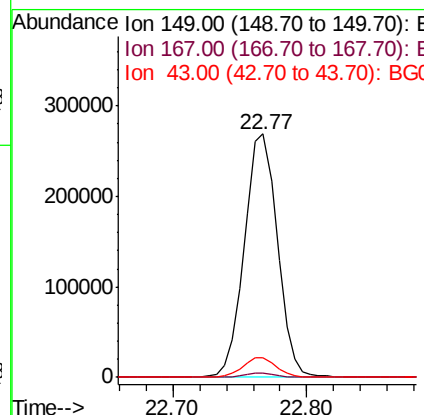
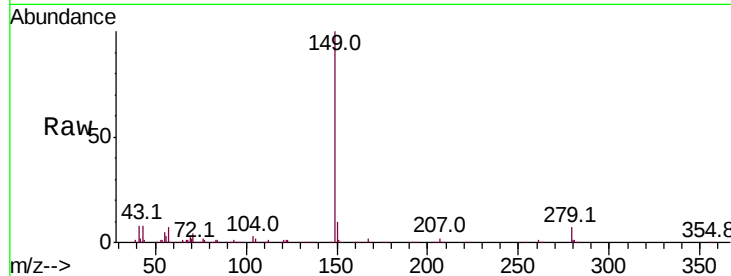
#85
Di-n-octyl phthalate
Concen: 37.337 ng
RT: 22.77 min Scan# 3349
Delta R.T. 0.00 min
Lab File: BG041574.D
Acq: 2 Jul 2019 15:55

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
149	100	460178		
167	1.7		1.4	2.2
43	8.4		7.2	10.8

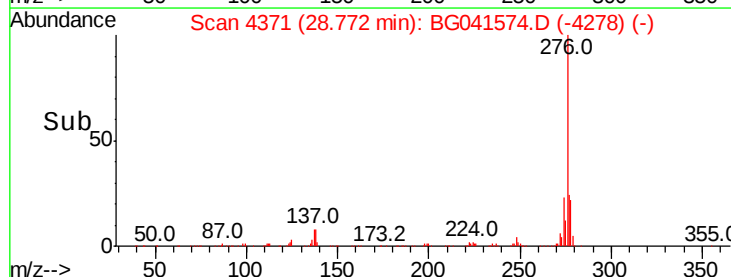
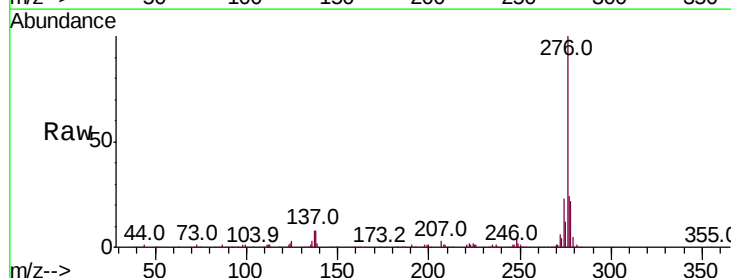
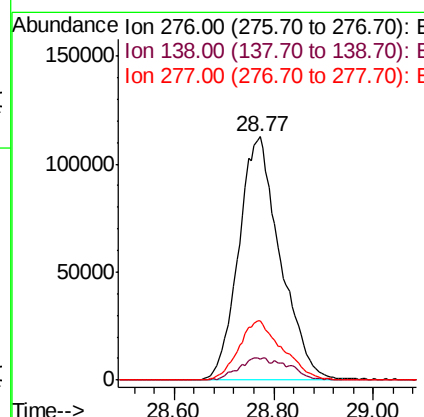
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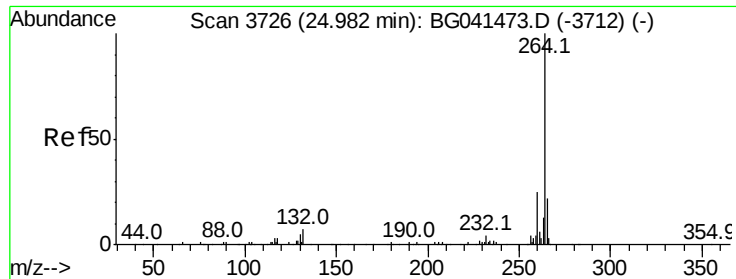
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 39.768 ng
RT: 28.77 min Scan# 4371
Delta R.T. 0.02 min
Lab File: BG041574.D
Acq: 2 Jul 2019 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	652990		
138	4.9		4.9	7.3#
277	25.7		20.4	30.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.99 min Scan# 3727

Delta R.T. 0.01 min

Lab File: BG041574.D

Acq: 2 Jul 2019 15:55

Instrument :

BNA_G

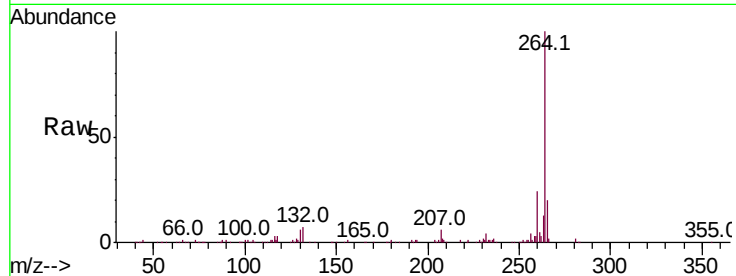
ClientSampleId :

SSTDCCC040EC

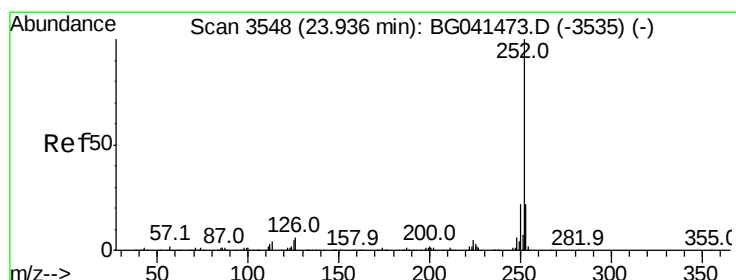
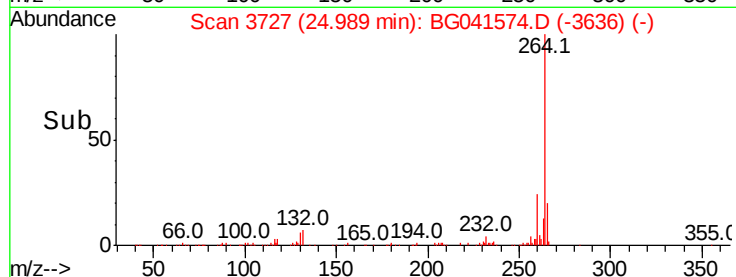
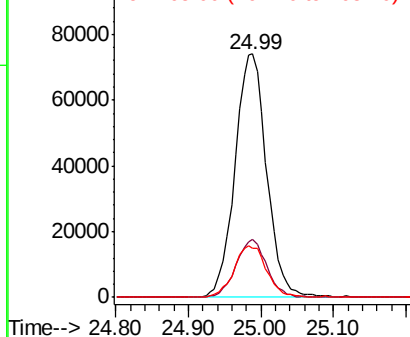
Tot Ion:	264	Resp:	223870
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.7	29.5
265	20.2	17.4	26.2

Manual Integrations
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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.236 ng

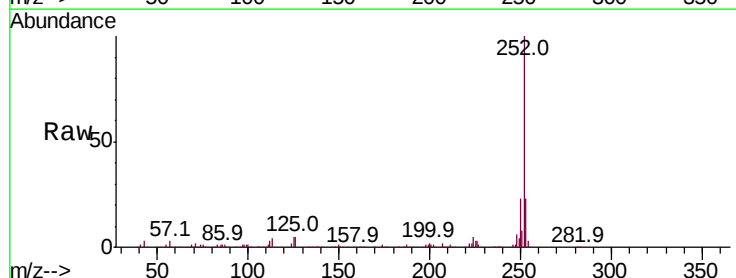
RT: 23.94 min Scan# 3548

Delta R.T. 0.00 min

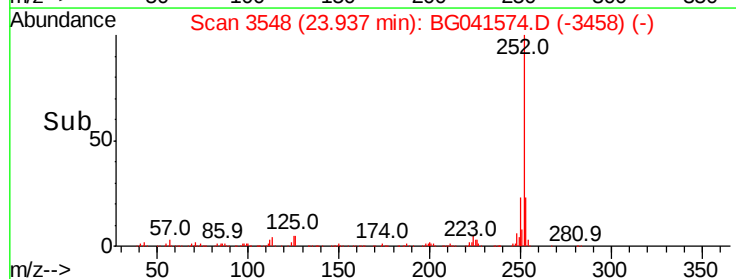
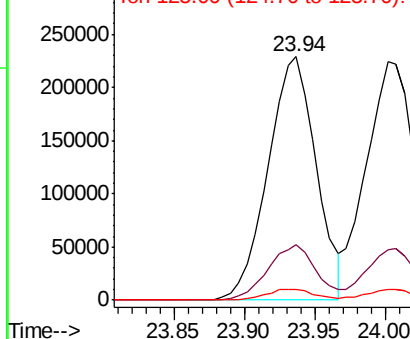
Lab File: BG041574.D

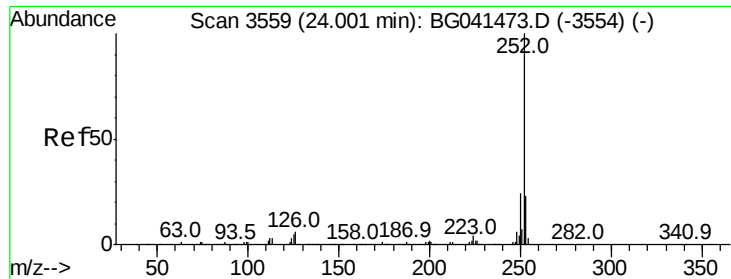
Acq: 2 Jul 2019 15:55

Tgt Ion:	252	Resp:	545974
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.0	27.0
125	4.5	3.8	5.8



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





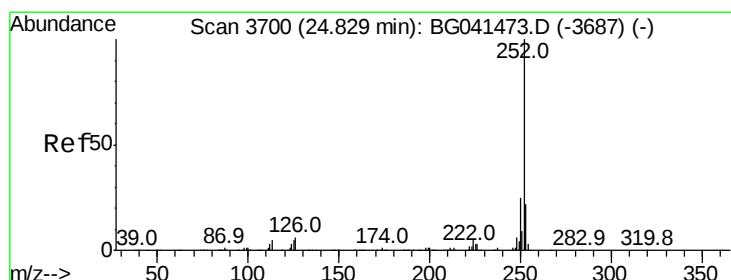
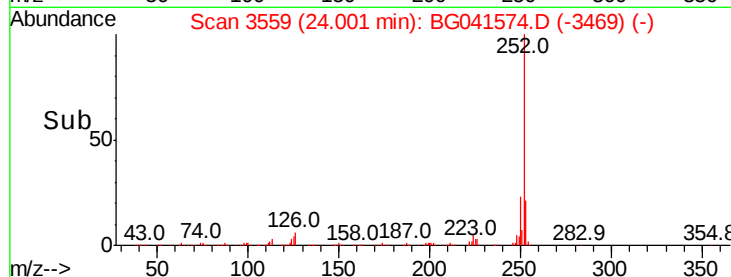
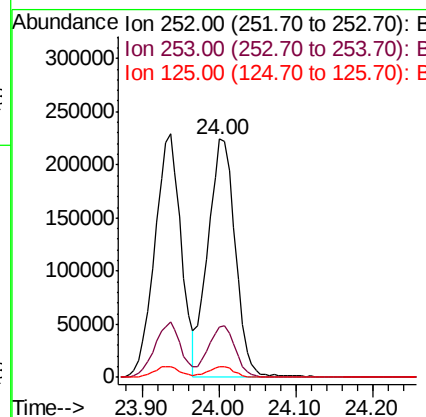
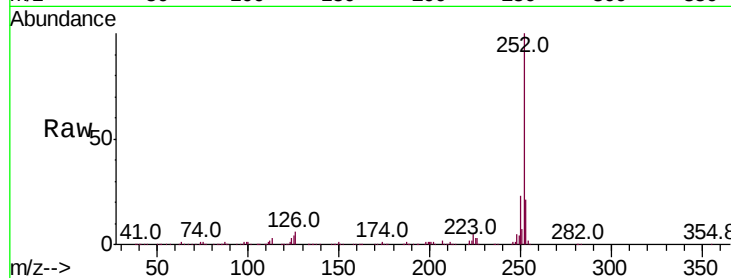
#89
Benzo(k)fluoranthene
Concen: 39.089 ng
RT: 24.00 min Scan# 3559
Delta R.T. 0.00 min
Lab File: BG041574.D
Acq: 2 Jul 2019 15:55

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.3	27.5
125	4.2	4.0	6.0

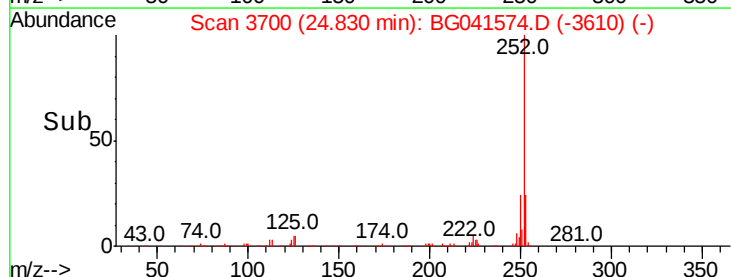
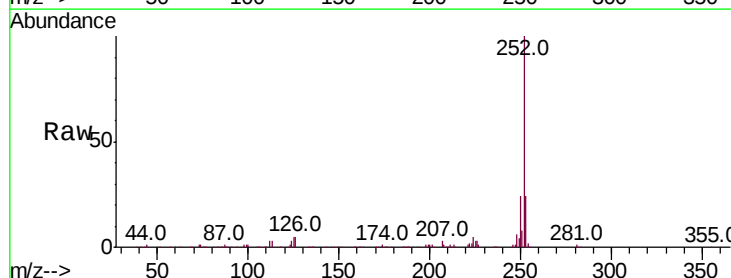
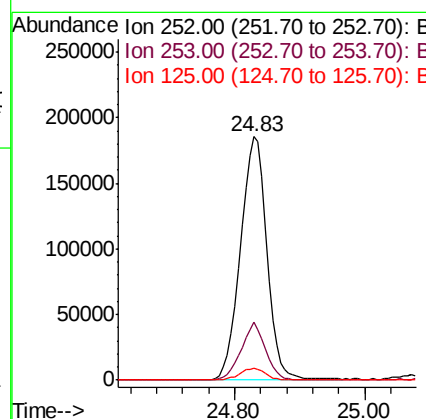
Manual Integrations
APPROVED

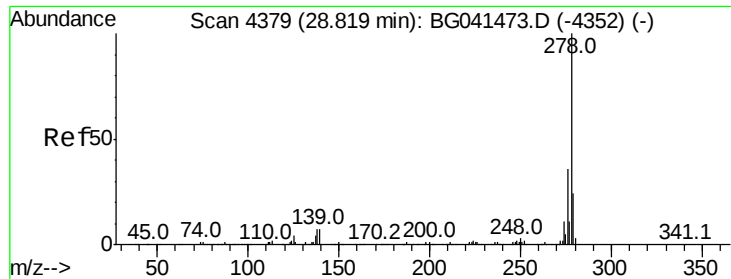
mohammad
7/3/2019 10:55:24 PM



#90
Benzo(a)pyrene
Concen: 38.494 ng
RT: 24.83 min Scan# 3700
Delta R.T. 0.00 min
Lab File: BG041574.D
Acq: 2 Jul 2019 15:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.5	26.3
125	4.9	4.4	6.6





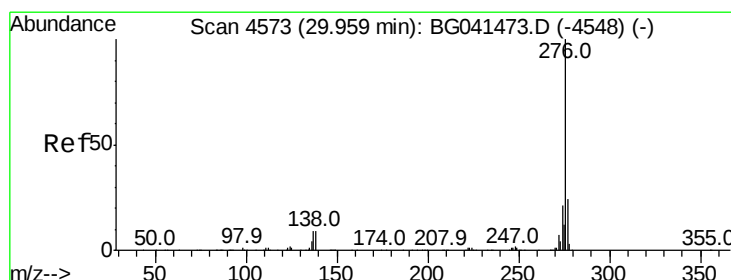
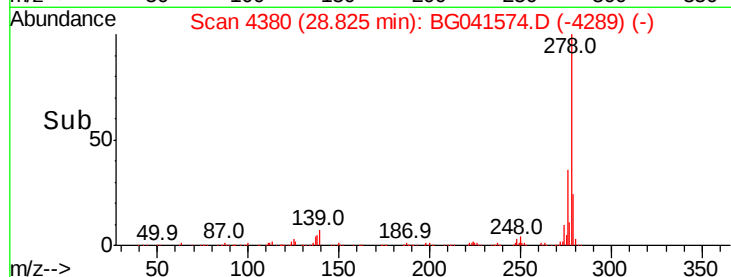
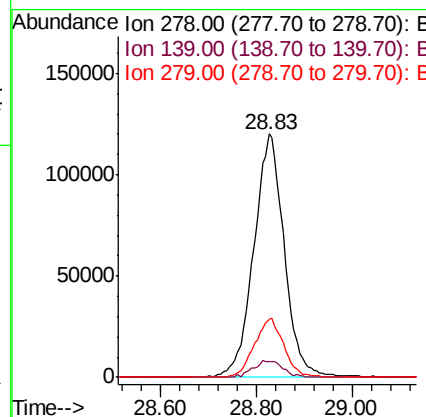
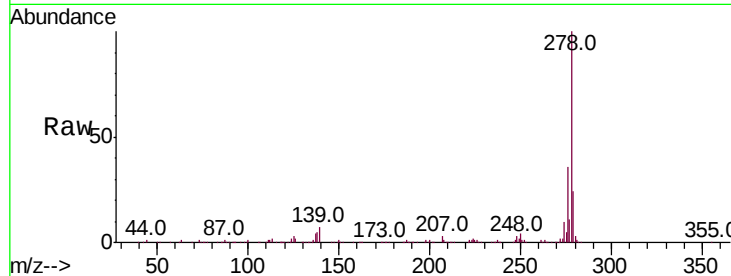
#91
Dibenzo(a,h)anthracene
Concen: 38.933 ng
RT: 28.83 min Scan# 4380
Delta R.T. 0.01 min
Lab File: BG041574.D
Acq: 2 Jul 2019 15:55

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
278	100		
139	6.7	5.9	8.9
279	24.0	18.9	28.3

Manual Integrations
APPROVED

mohammad
7/3/2019 10:55:24 PM



#92
Benzo(g,h,i)perylene
Concen: 38.692 ng
RT: 29.95 min Scan# 4572
Delta R.T. -0.01 min
Lab File: BG041574.D
Acq: 2 Jul 2019 15:55

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.4	29.2
138	9.7	7.6	11.4

