

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071618\
 Data File : BG035673.D
 Acq On : 16 Jul 2018 17:17
 Operator : JU/SJ
 Sample : J3888-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AOC7-BTM-6-6.5MS

Manual Integrations
 APPROVED

Sohil

7/17/2018 4:57:18 PM

Quant Time: Jul 16 19:13:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 12 14:43:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	57086	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	240232	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	173722	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	445765	20.00	ng	0.00
75) Chrysene-d12	21.69	240	432874	20.00	ng	0.00
86) Perylene-d12	24.91	264	412923	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	545092	158.53	ng	0.01
7) Phenol-d6	7.24	99	826390	161.09	ng	0.02
23) Nitrobenzene-d5	9.22	82	520763	90.56	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	344321	150.37	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	1075918	82.97	ng	0.00
78) Terphenyl-d14	20.02	244	1677813	85.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	51360	29.348	ng	# 77
3) Pyridine	3.95	79	157536	34.482	ng	# 74
4) n-Nitrosodimethylamine	3.86	42	74601	38.029	ng	# 81
6) Aniline	7.39	93	247052	37.154	ng	95
8) 2-Chlorophenol	7.63	128	178136	50.939	ng	99
9) Benzaldehyde	7.19	77	64244	20.410	ng	99
10) Phenol	7.26	94	287725	55.514	ng	96
11) bis(2-Chloroethyl)ether	7.48	93	176047	43.372	ng	92
12) 1,3-Dichlorobenzene	7.95	146	176939	41.898	ng	97
13) 1,4-Dichlorobenzene	8.09	146	180487	42.064	ng	95
14) 1,2-Dichlorobenzene	8.41	146	176782	42.887	ng	96
15) Benzyl Alcohol	8.30	79	222251	47.707	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.58	45	206825	60.778	ng	76
17) 2-Methylphenol	8.50	107	186631	52.962	ng	# 92
18) Hexachloroethane	9.14	117	68792	41.931	ng	95
19) n-Nitroso-di-n-propylamine	8.86	70	172466	39.923	ng	# 87
20) 3+4-Methylphenols	8.83	107	255791	52.324	ng	91
22) Acetophenone	8.88	105	313145	41.917	ng	# 92
24) Nitrobenzene	9.27	77	253748	43.875	ng	96
25) Isophorone	9.79	82	492048	46.093	ng	99
26) 2-Nitrophenol	9.97	139	108246	52.701	ng	# 81
27) 2,4-Dimethylphenol	10.03	122	196038	56.384	ng	92
28) bis(2-Chloroethoxy)methane	10.26	93	263401	44.779	ng	97
29) 2,4-Dichlorophenol	10.51	162	222409	56.039	ng	92
30) 1,2,4-Trichlorobenzene	10.73	180	213313	43.831	ng	98
31) Naphthalene	10.91	128	548954	43.867	ng	98
32) Benzoic acid	10.14	122	19008	8.121	ng	89
33) 4-Chloroaniline	11.02	127	166906	30.602	ng	# 92
34) Hexachlorobutadiene	11.20	225	161870	42.654	ng	100
35) Caprolactam	11.81	113	73348m	43.066	ng	
36) 4-Chloro-3-methylphenol	12.15	107	275723	51.829	ng	94
37) 2-Methylnaphthalene	12.51	142	441881	47.397	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	296986	45.294	ng	99
40) Hexachlorocyclopentadiene	12.86	237	301095	87.561	ng	93

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Manual Integrations
 APPROVED

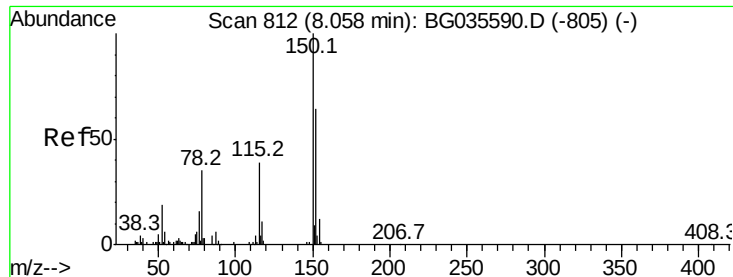
Sohil

7/17/2018 4:57:18 PM

Quant Time: Jul 16 19:13:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 12 14:43:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	201018	52.424	nq	93
43) 2,4,5-Trichlorophenol	13.20	196	217863	50.788	nq	97
45) 1,1'-Biphenyl	13.52	154	604839	44.907	nq	97
46) 2-Chloronaphthalene	13.56	162	470001	44.863	nq	98
47) 2-Nitroaniline	13.76	65	180678	48.782	nq	95
48) Acenaphthylene	14.40	152	782649	44.597	nq	98
49) Dimethylphthalate	14.14	163	816727	53.659	nq	# 98
50) 2,6-Dinitrotoluene	14.26	165	153475	49.516	nq	92
51) Acenaphthene	14.74	154	461325	42.199	nq	98
52) 3-Nitroaniline	14.58	138	123289	38.918	nq	# 96
54) Dibenzofuran	15.08	168	764556	43.975	nq	# 90
55) 4-Nitrophenol	14.91	139	209358	92.798	nq	# 85
56) 2,4-Dinitrotoluene	15.04	165	217114	48.827	nq	92
57) Fluorene	15.72	166	632853	43.429	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.31	232	199959	48.618	nq	95
59) Diethylphthalate	15.50	149	651922	41.654	nq	97
60) 4-Chlorophenyl-phenylether	15.71	204	365666	42.695	nq	97
61) 4-Nitroaniline	15.75	138	149225	45.032	nq	# 80
62) Azobenzene	16.01	77	682638	44.219	nq	95
64) 4,6-Dinitro-2-methylphenol	15.81	198	58352	23.516	nq	87
65) n-Nitrosodiphenylamine	15.93	169	573831	45.226	nq	97
66) 4-Bromophenyl-phenylether	16.61	248	248389	48.029	nq	98
67) Hexachlorobenzene	16.73	284	247745	46.518	nq	96
68) Atrazine	16.88	200	251255	48.096	nq	96
69) Pentachlorophenol	17.08	266	61318	18.902	nq	96
70) Phenanthrene	17.46	178	973487	43.766	nq	97
71) Anthracene	17.56	178	995378	44.942	nq	97
72) Carbazole	17.83	167	900694	42.822	nq	97
73) Di-n-butylphthalate	18.37	149	1002432	40.330	nq	# 97
74) Fluoranthene	19.47	202	1197665	39.974	nq	95
76) Benzidine	19.65	184	580011	50.966	nq	98
77) Pyrene	19.83	202	1194066	43.625	nq	96
79) Butylbenzylphthalate	20.71	149	456782	46.667	nq	98
80) Benzo(a)anthracene	21.67	228	1214994	45.041	nq	99
81) 3,3'-Dichlorobenzidine	21.59	252	341227	36.278	nq	# 96
82) Chrysene	21.74	228	1125789	45.036	nq	98
83) Bis(2-ethylhexyl)phthalate	21.57	149	620429	46.625	nq	# 98
84) Di-n-octyl phthalate	22.78	149	1058669	47.515	nq	# 94
85) Indeno(1,2,3-cd)pyrene	28.60	276	1327662	47.972	nq	# 86
87) Benzo(b)fluoranthene	23.89	252	1172550	46.720	nq	# 97
88) Benzo(k)fluoranthene	23.96	252	1098644	44.777	nq	# 96
89) Benzo(a)pyrene	24.77	252	1130457	48.416	nq	# 98
90) Dibenzo(a,h)anthracene	28.66	278	1098108	47.905	nq	# 97
91) Benzo(g,h,i)perylene	29.74	276	1108204	49.406	nq	# 94

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



#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. 0.01 min
Lab File: BG035673.D
Acq: 16 Jul 2018 17:17

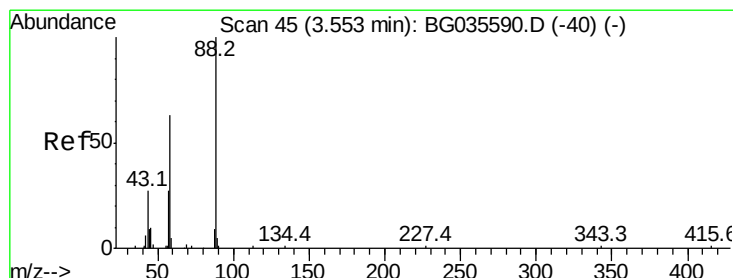
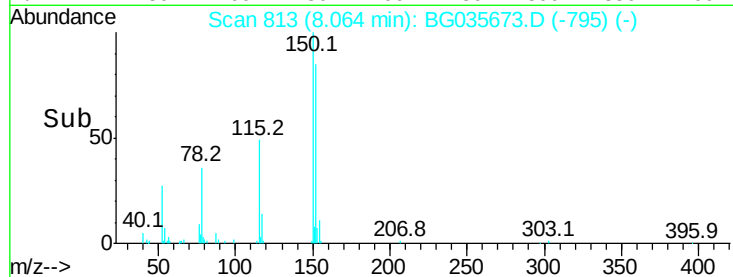
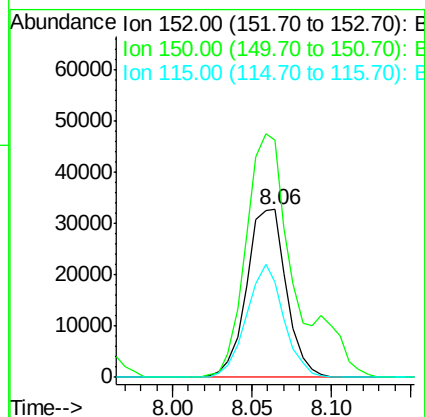
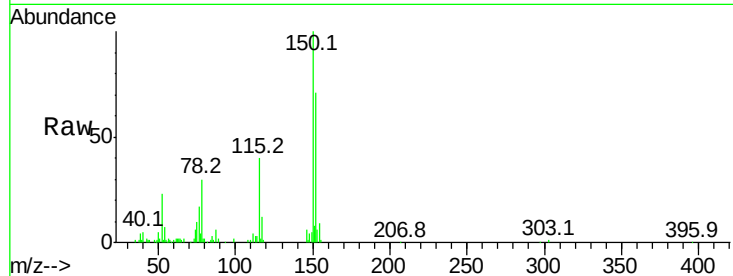
Instrument :
BNA_G
ClientSampleId :
AOC7-BTM-6-6.5MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	141.6	126.6	189.8
115	57.0	53.0	79.4

Manual Integrations
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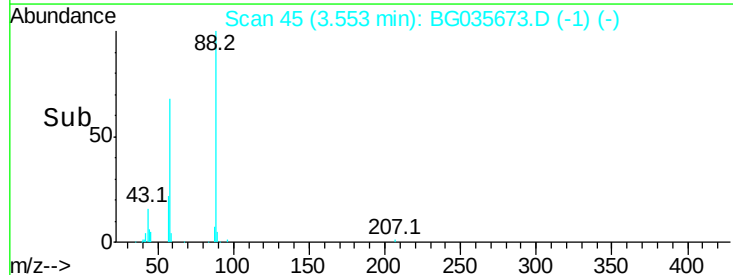
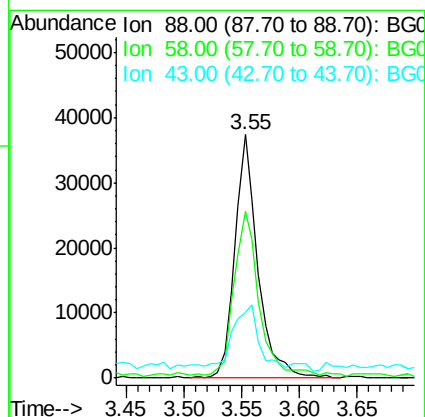
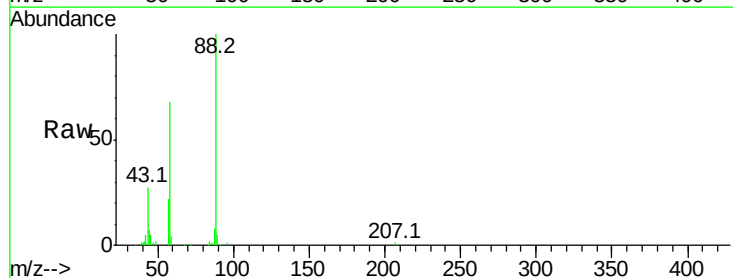
7/17/2018 4:57:18 PM

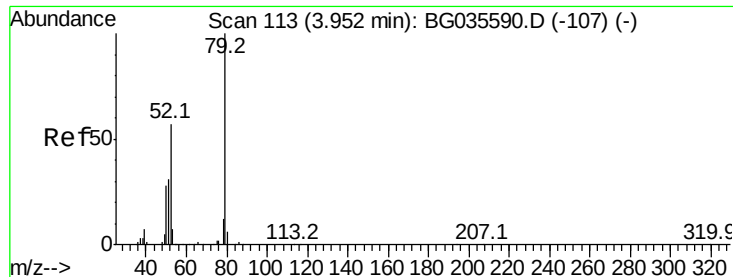


#2

1,4-Dioxane
Concen: 29.348 ng
RT: 3.55 min Scan# 45
Delta R.T. 0.00 min
Lab File: BG035673.D
Acq: 16 Jul 2018 17:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.9	79.6	119.4#
43	28.6	27.4	41.0





#3

Pvridine

Concen: 34.482 ng

RT: 3.95 min Scan# 112

Delta R.T. -0.01 min

Lab File: BG035673.D

Acq: 16 Jul 2018 17:17

Instrument :

BNA_G

ClientSampleId :

AOC7-BTM-6-6.5MS

Tot Ion: 79 Resp: 157536

Ion Ratio Lower Upper

79 100

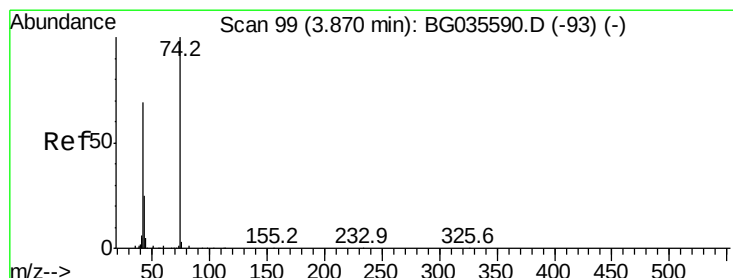
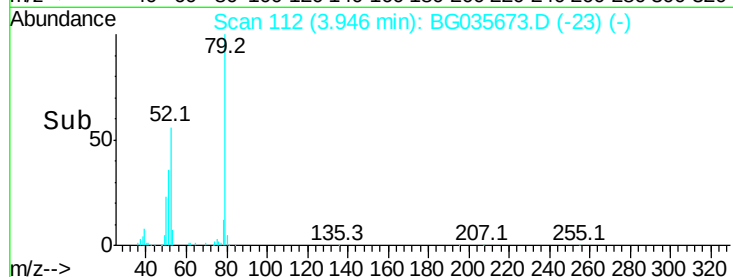
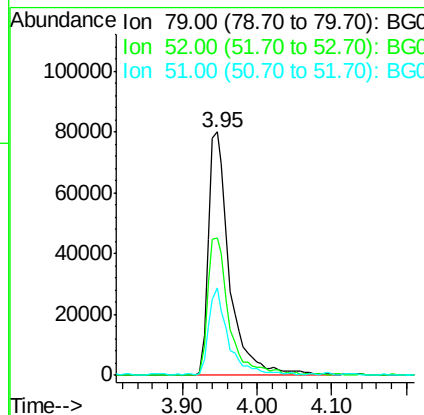
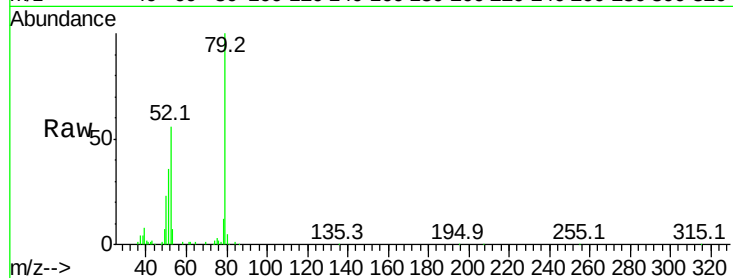
52 56.4 69.9 104.9#

51 35.9 34.0 51.0

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 38.029 ng

RT: 3.86 min Scan# 97

Delta R.T. -0.01 min

Lab File: BG035673.D

Acq: 16 Jul 2018 17:17

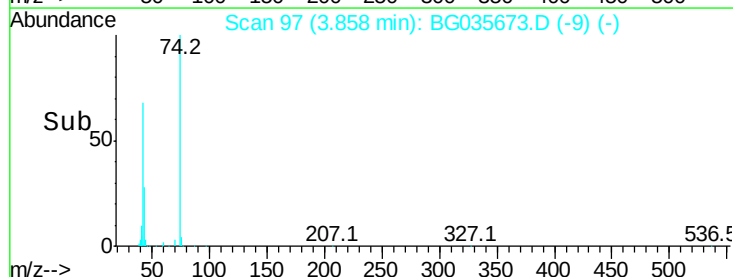
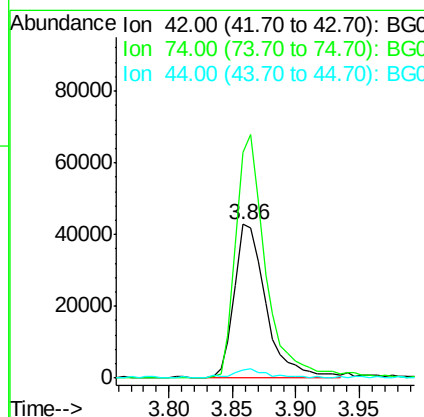
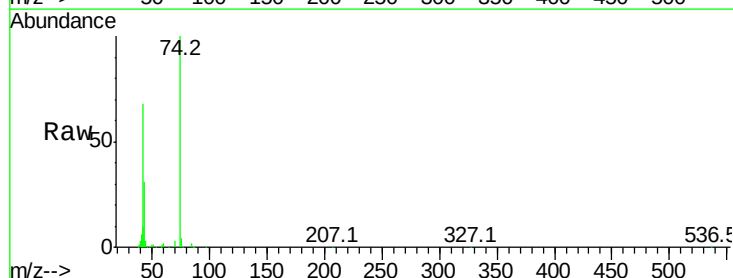
Tgt Ion: 42 Resp: 74601

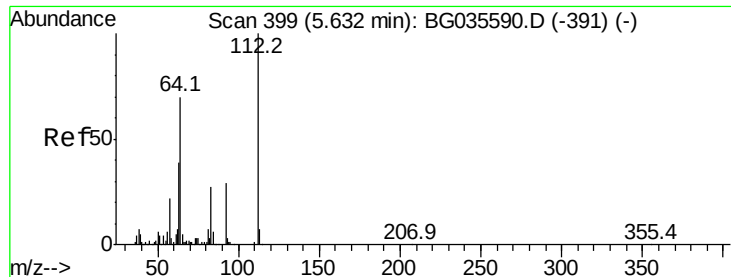
Ion Ratio Lower Upper

42 100

74 146.5 102.5 153.7

44 4.9 18.9 28.3#





#5

2-Fluorophenol

Concen: 158.529 ng

RT: 5.64 min Scan# 401

Delta R.T. 0.01 min

Lab File: BG035673.D

Acq: 16 Jul 2018 17:17

Instrument :

BNA_G

ClientSampleId :

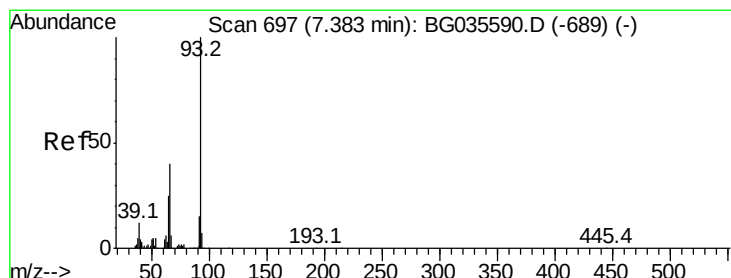
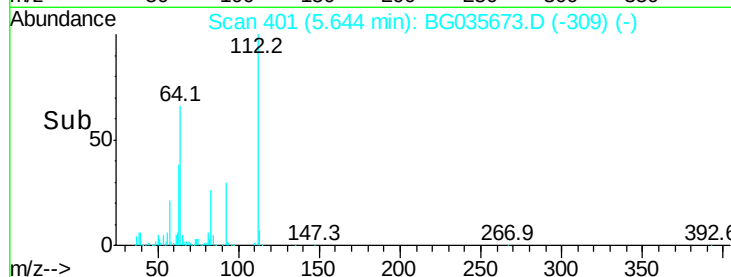
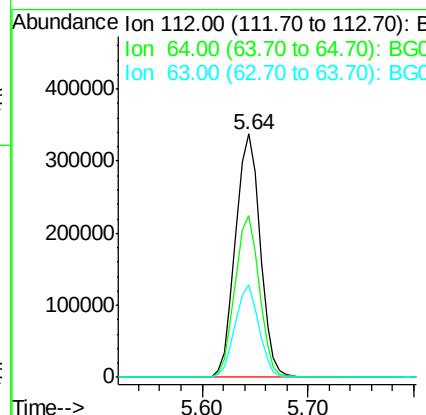
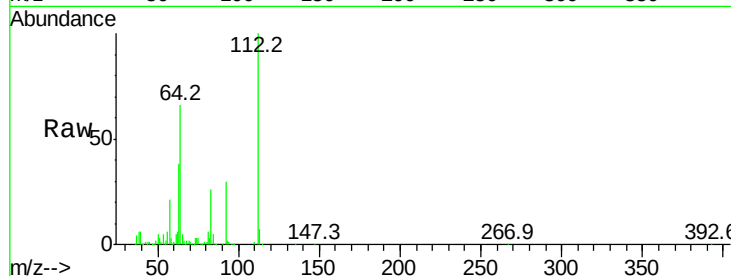
AOC7-BTM-6-6.5MS

Tot Ion:	112	Resp:	545092
Ion Ratio	Lower	Upper	
112	100		
64	66.4	56.3	84.5
63	37.8	30.1	45.1

Manual Integrations
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#6

Aniline

Concen: 37.154 ng

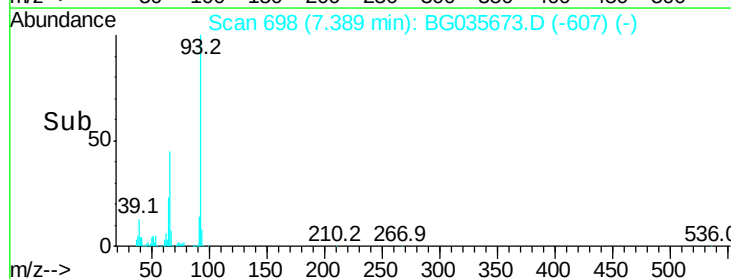
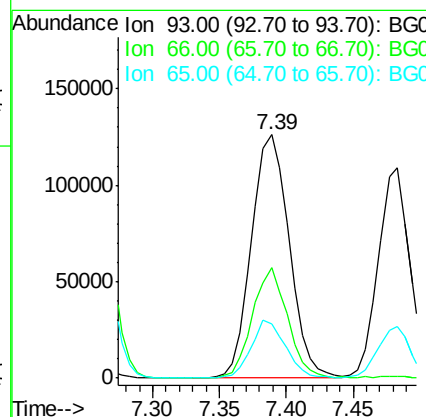
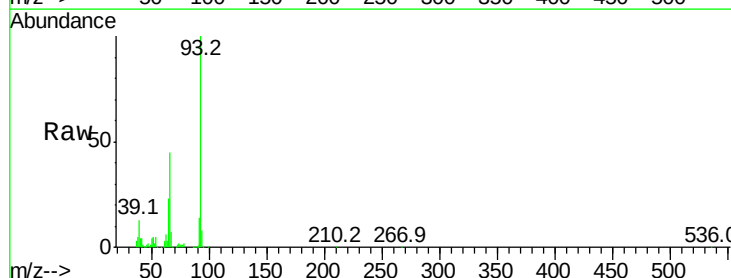
RT: 7.39 min Scan# 698

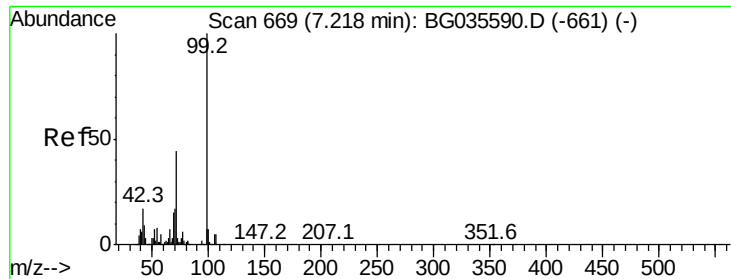
Delta R.T. 0.01 min

Lab File: BG035673.D

Acq: 16 Jul 2018 17:17

Tgt Ion:	93	Resp:	247052
Ion Ratio	Lower	Upper	
93	100		
66	45.4	33.7	50.5
65	22.5	16.1	24.1





#7

Phenol-d6

Concen: 161.087 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.02 min

Lab File: BG035673.D

Acq: 16 Jul 2018 17:17

Instrument :

BNA_G

ClientSampleId :

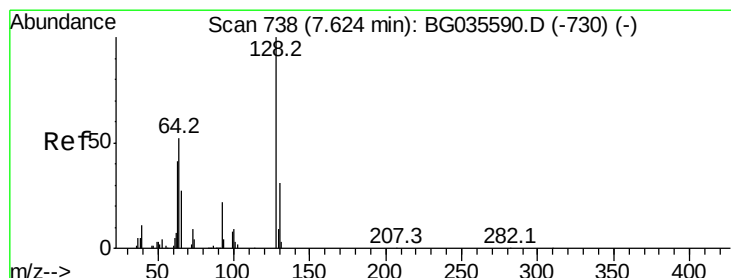
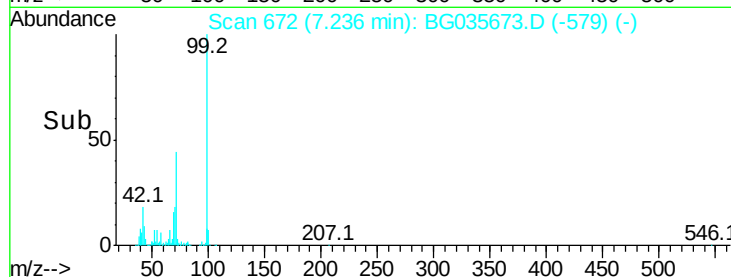
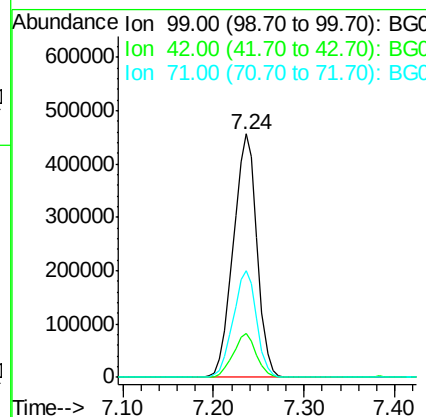
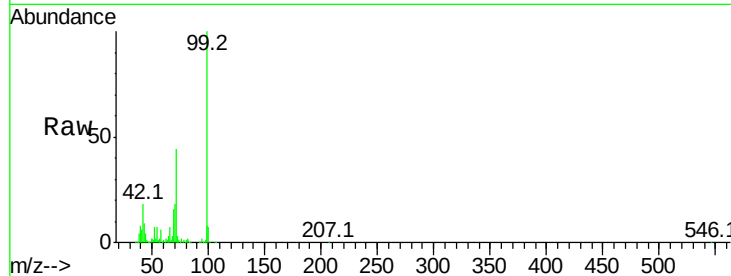
AOC7-BTM-6-6.5MS

Tot Ion:	99	Resp:	826390
Ion Ratio	Lower	Upper	
99	100		
42	17.8	14.1	21.1
71	44.0	26.1	39.1

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#8

2-Chlorophenol

Concen: 50.939 ng

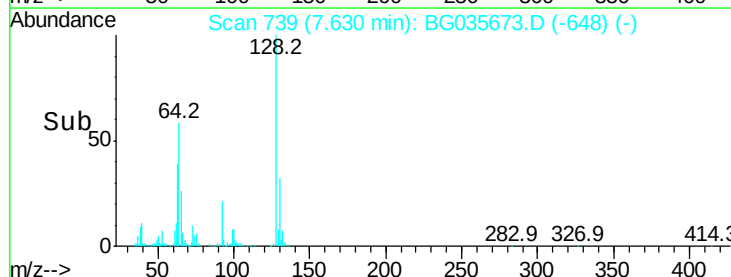
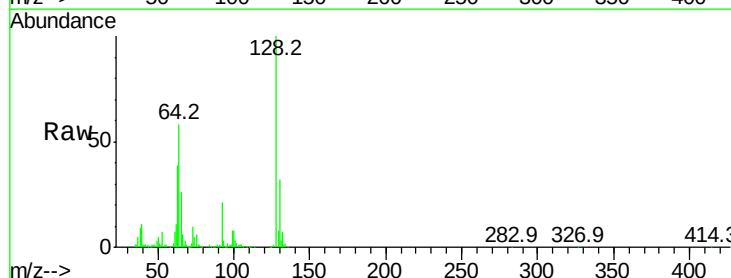
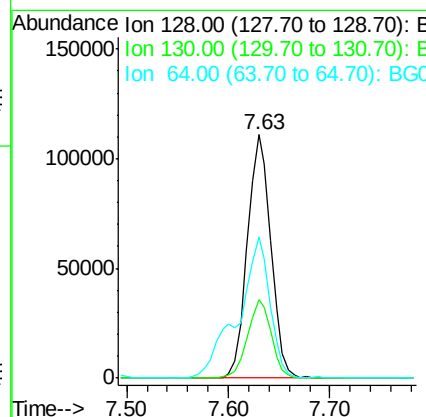
RT: 7.63 min Scan# 739

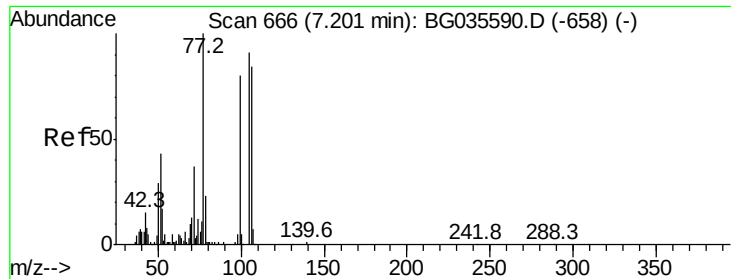
Delta R.T. 0.01 min

Lab File: BG035673.D

Acq: 16 Jul 2018 17:17

Tgt Ion:	128	Resp:	178136
Ion Ratio	Lower	Upper	
128	100		
130	32.4	14.0	54.0
64	58.0	37.7	77.7





#9

Benzaldehyde

Concen: 20.410 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.01 min

Lab File: BG035673.D

Acq: 16 Jul 2018 17:17

Instrument :

BNA_G

ClientSampleId :

AOC7-BTM-6-6.5MS

Tot Ion: 77 Resp: 64244

Ion Ratio Lower Upper

77 100

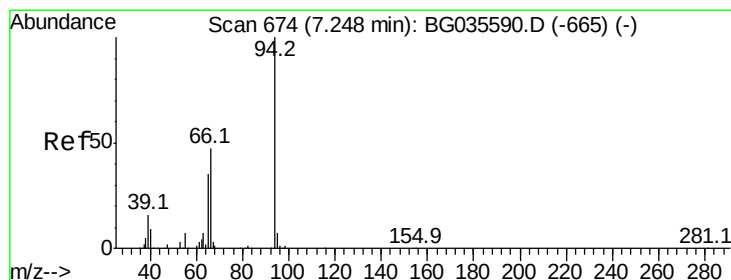
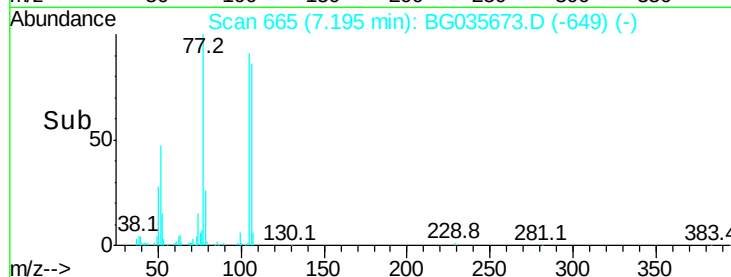
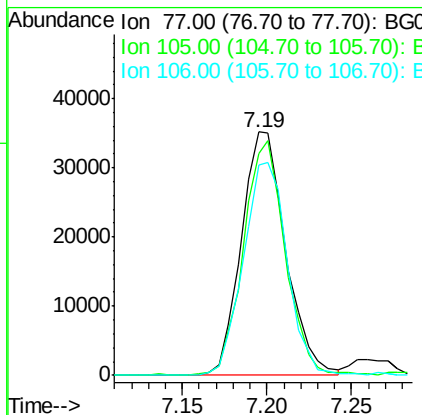
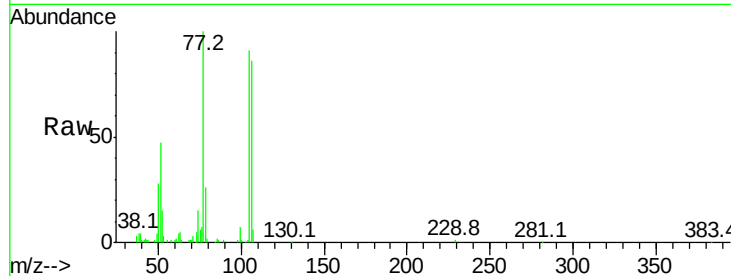
105 91.3 71.3 111.3

106 86.2 64.2 104.2

Manual Integrations
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#10

Phenol

Concen: 55.514 ng

RT: 7.26 min Scan# 676

Delta R.T. 0.01 min

Lab File: BG035673.D

Acq: 16 Jul 2018 17:17

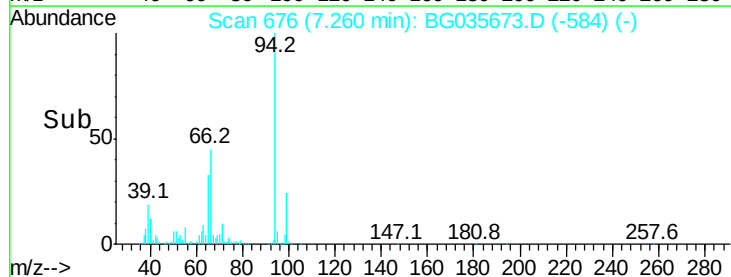
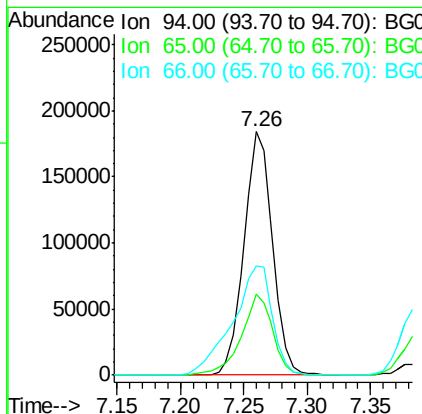
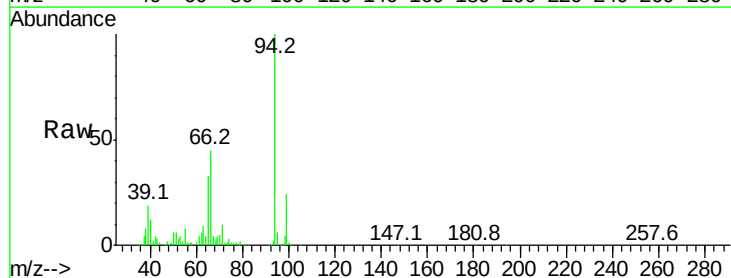
Tgt Ion: 94 Resp: 287725

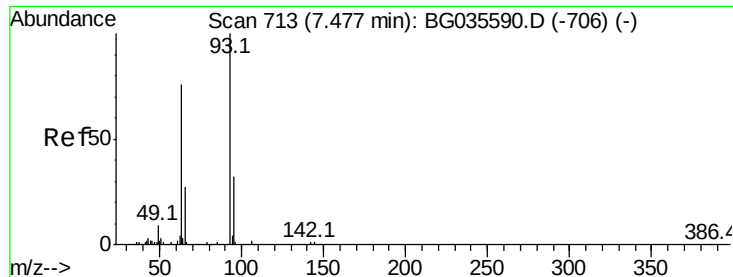
Ion Ratio Lower Upper

94 100

65 33.4 11.9 51.9

66 44.8 22.2 62.2





#11
bis(2-Chloroethyl)ether
Concen: 43.372 ng
RT: 7.48 min Scan# 714
Delta R.T. 0.01 min
Lab File: BG035673.D
Acq: 16 Jul 2018 17:17

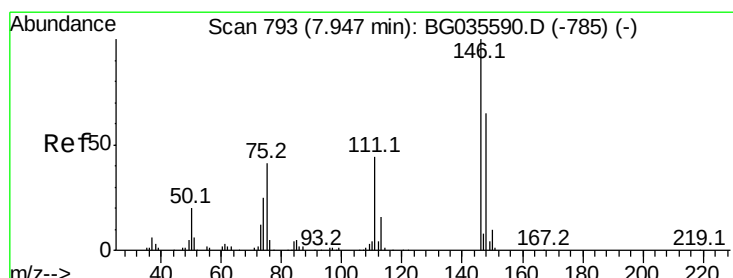
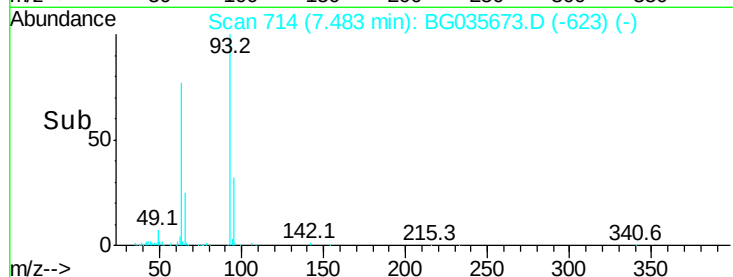
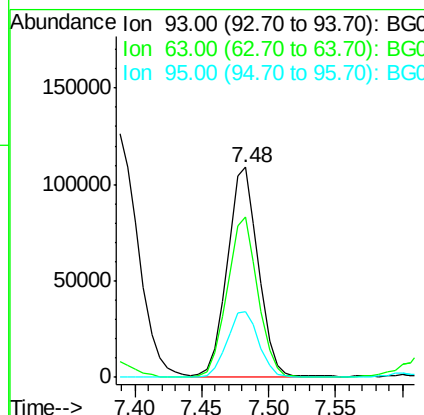
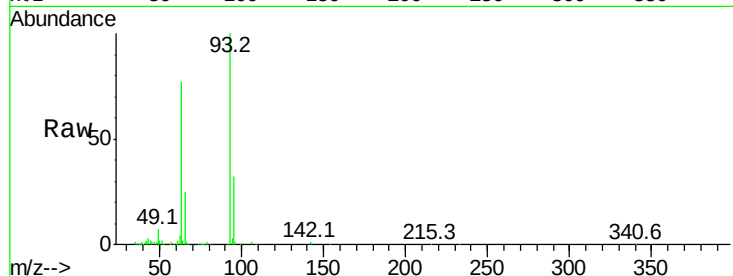
Instrument :
BNA_G
ClientSampleId :
AOC7-BTM-6-6.5MS

Tot Ion:	93	Resp:	176047
Ion Ratio	Lower	Upper	
93	100		
63	76.6	67.1	107.1
95	31.5	11.5	51.5

Manual Integrations
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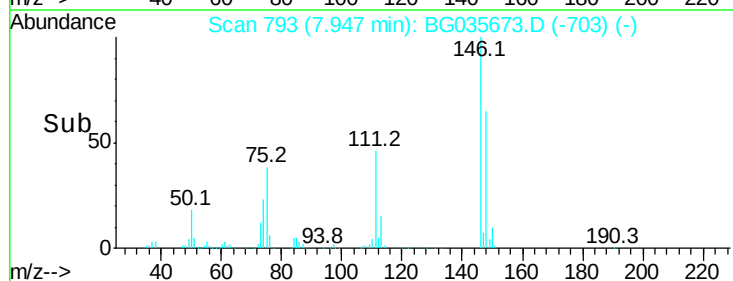
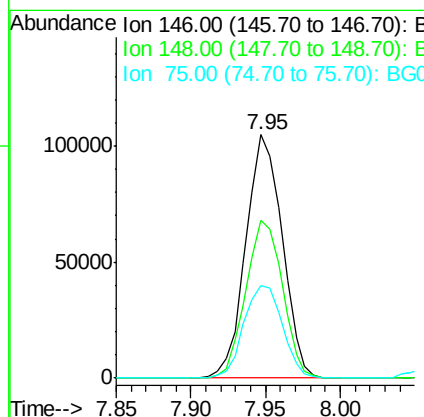
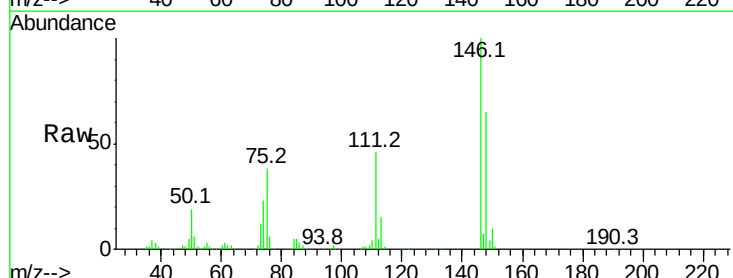
Sohil

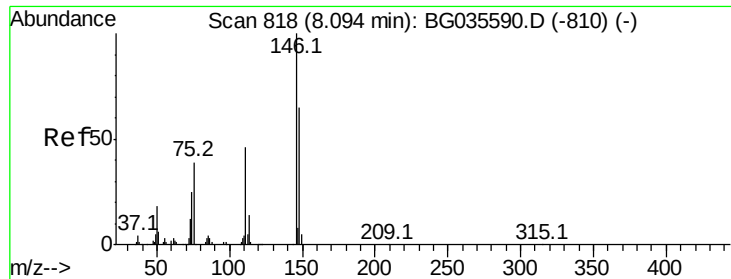
7/17/2018 4:57:18 PM



#12
1,3-Dichlorobenzene
Concen: 41.898 ng
RT: 7.95 min Scan# 793
Delta R.T. 0.00 min
Lab File: BG035673.D
Acq: 16 Jul 2018 17:17

Tgt Ion:	146	Resp:	176939
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.4	77.2
75	38.1	26.6	39.8





#13
1,4-Dichlorobenzene
Concen: 42.064 ng
RT: 8.09 min Scan# 818
Delta R.T. 0.00 min
Lab File: BG035673.D
Acq: 16 Jul 2018 17:17

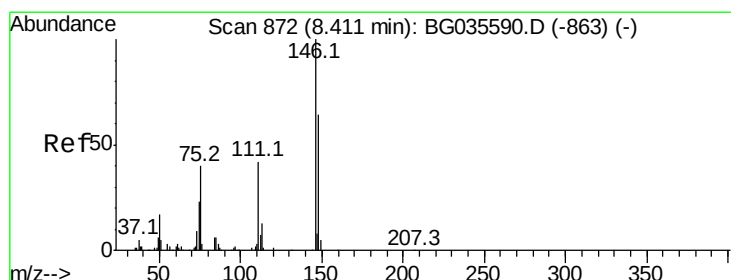
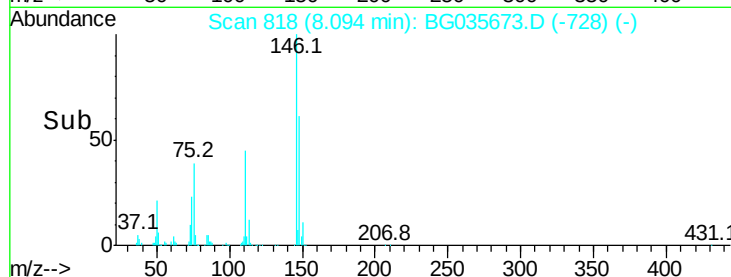
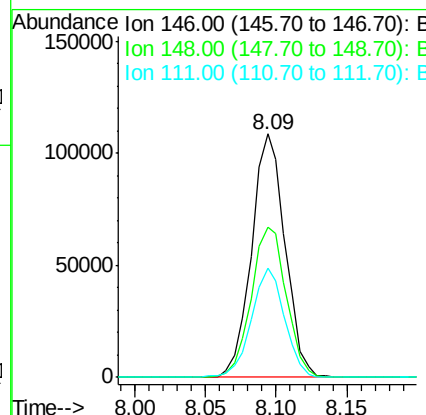
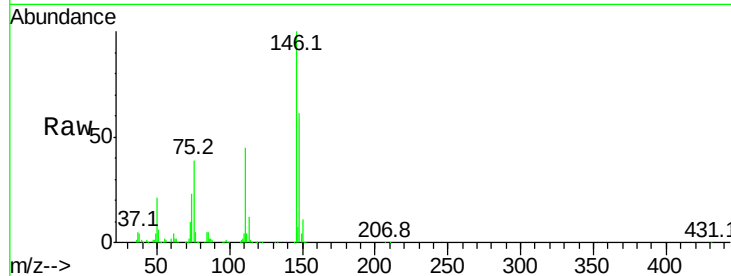
Instrument :
BNA_G
ClientSampleId :
AOC7-BTM-6-6.5MS

Tot Ion:	146	Resp:	180487
Ion Ratio	Lower	Upper	
146	100		
148	61.5	53.7	80.5
111	44.7	35.2	52.8

Manual Integrations
APPROVED

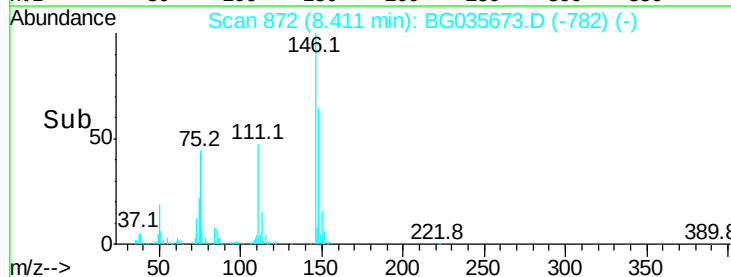
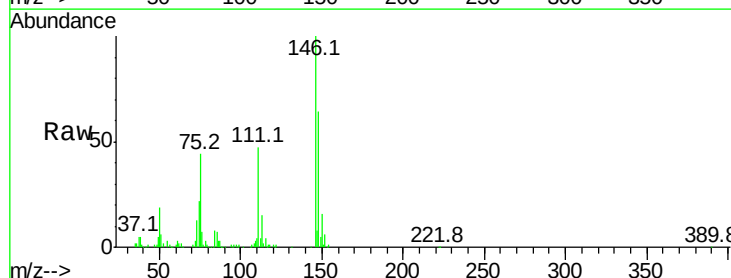
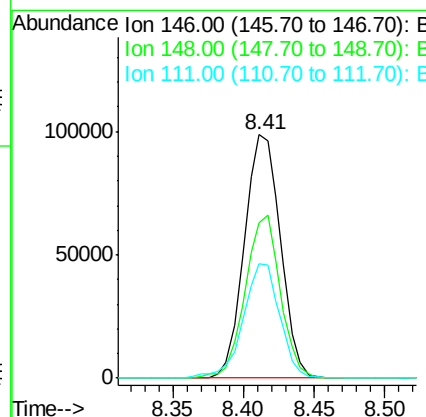
Sohil

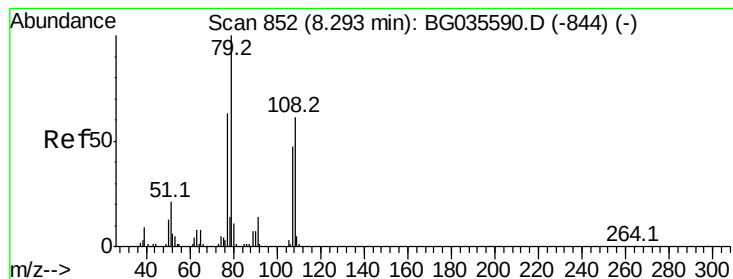
7/17/2018 4:57:18 PM



#14
1,2-Dichlorobenzene
Concen: 42.887 ng
RT: 8.41 min Scan# 872
Delta R.T. 0.00 min
Lab File: BG035673.D
Acq: 16 Jul 2018 17:17

Tgt Ion:	146	Resp:	176782
Ion Ratio	Lower	Upper	
146	100		
148	63.8	49.3	73.9
111	46.9	34.3	51.5





#15

Benzyl Alcohol

Concen: 47.707 ng

RT: 8.30 min Scan# 853

Delta R.T. 0.01 min

Lab File: BG035673.D

Acq: 16 Jul 2018 17:17

Instrument :

BNA_G

ClientSampleId :

AOC7-BTM-6-6.5MS

Tot Ion: 79 Resp: 222251

Ion Ratio Lower Upper

79 100

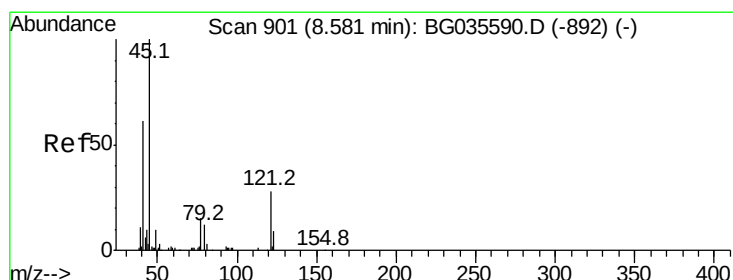
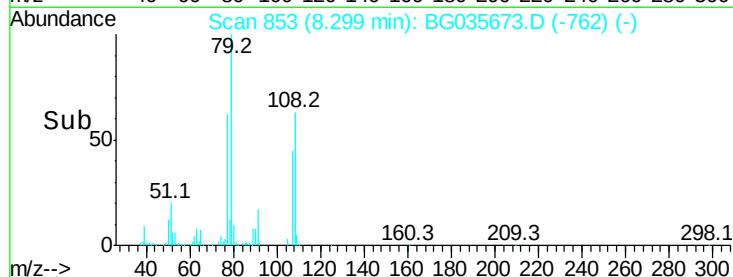
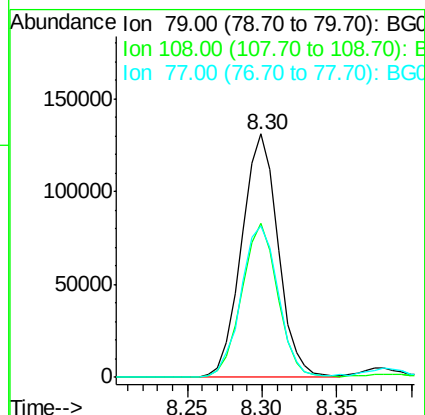
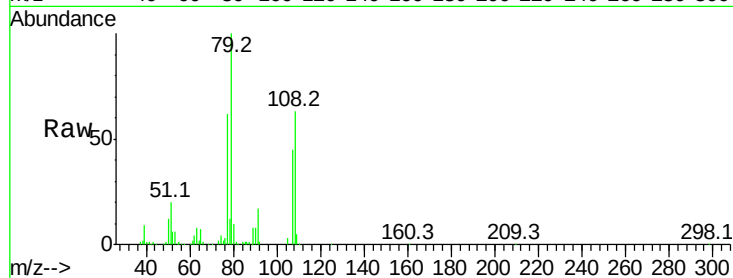
108 63.2 57.2 85.8

77 62.1 46.1 69.1

Manual Integrations
APPROVED

Sohil

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 60.778 ng

RT: 8.58 min Scan# 901

Delta R.T. 0.00 min

Lab File: BG035673.D

Acq: 16 Jul 2018 17:17

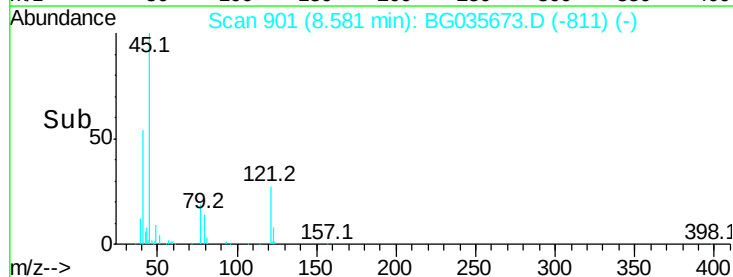
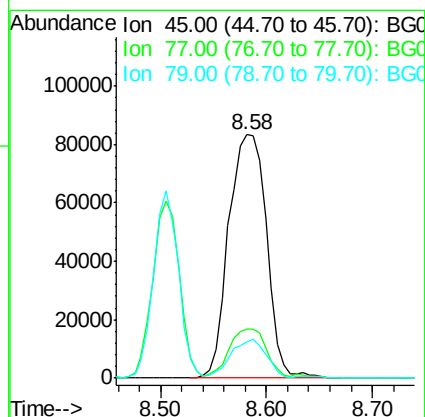
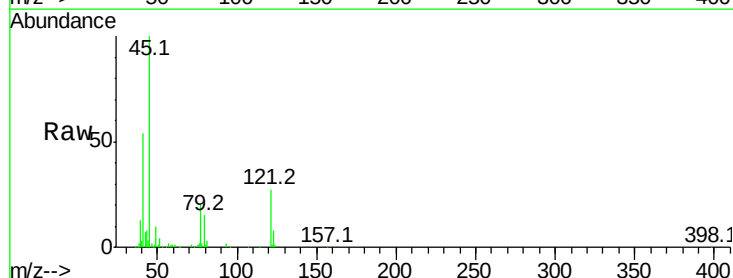
Tgt Ion: 45 Resp: 206825

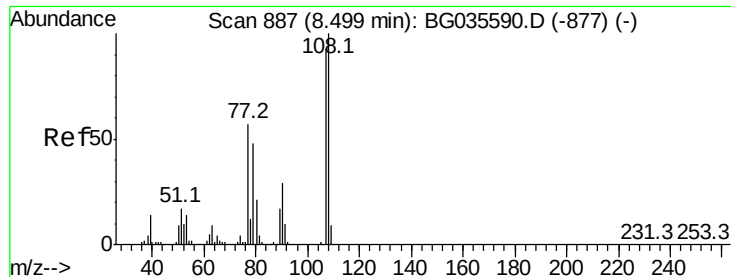
Ion Ratio Lower Upper

45 100

77 20.1 0.0 30.2

79 15.1 0.0 27.9





#17

2-Methylphenol

Concen: 52.962 ng

RT: 8.50 min Scan# 888

Delta R.T. 0.01 min

Lab File: BG035673.D

Acq: 16 Jul 2018 17:17

Instrument :

BNA_G

ClientSampleId :

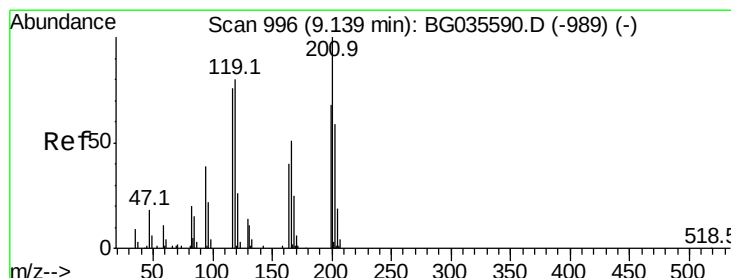
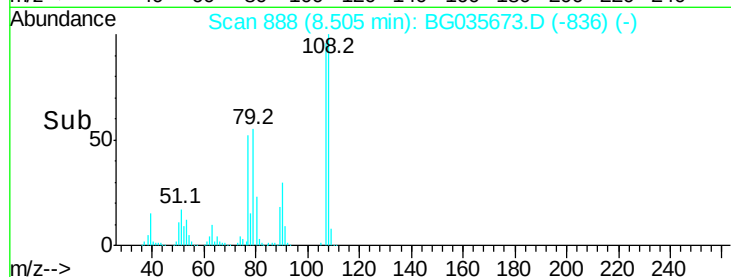
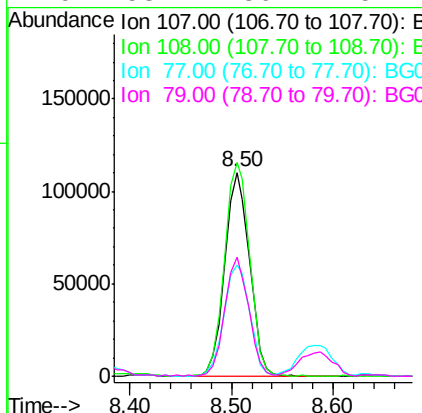
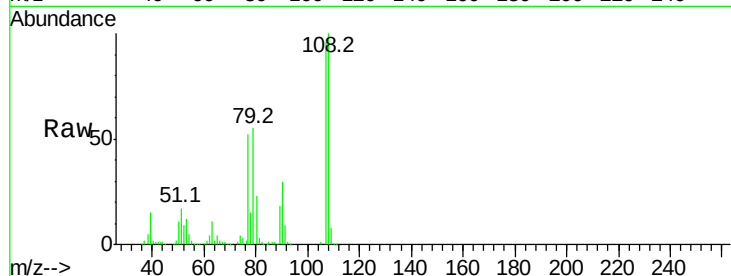
AOC7-BTM-6-6.5MS

Tot Ion:	107	Resp:	186631
Ion Ratio	Lower	Upper	
107	100		
108	104.7	83.9	125.9
77	54.9	37.2	55.8
79	58.1	36.2	54.2#

Manual Integrations
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Sohil

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#18

Hexachloroethane

Concen: 41.931 ng

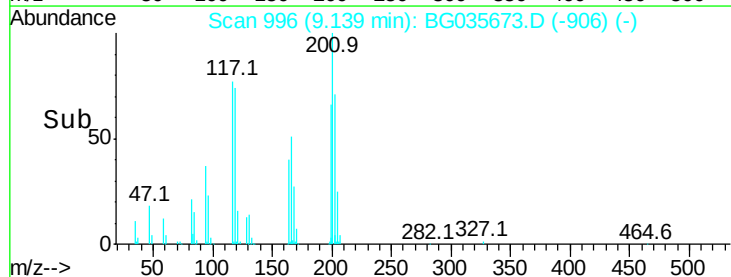
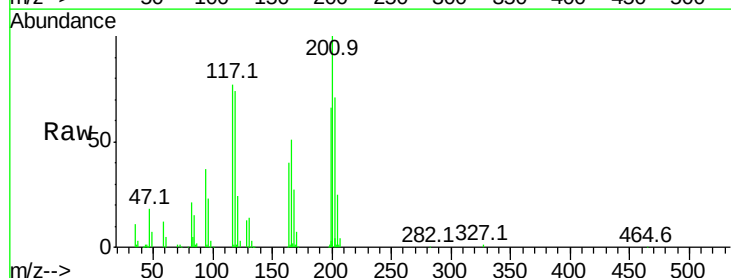
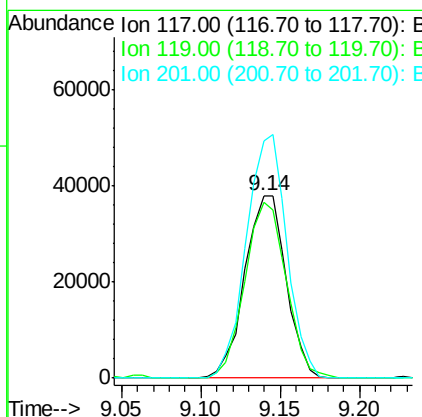
RT: 9.14 min Scan# 996

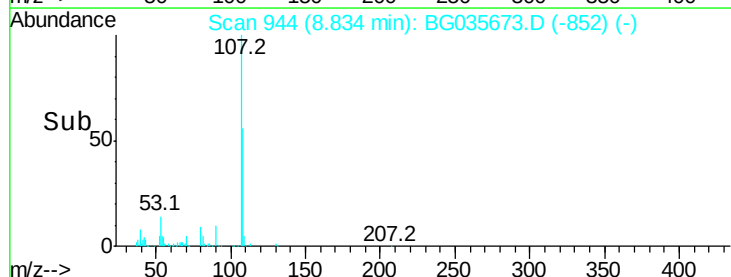
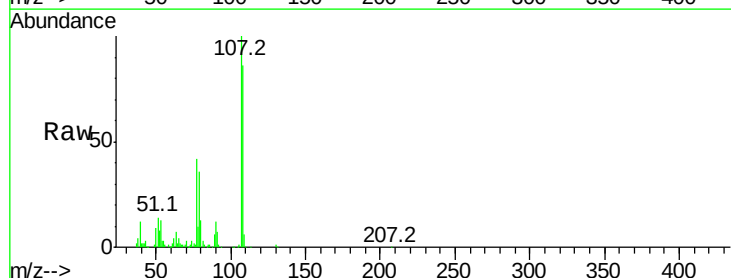
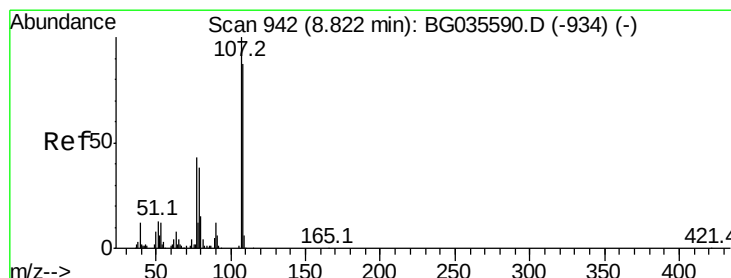
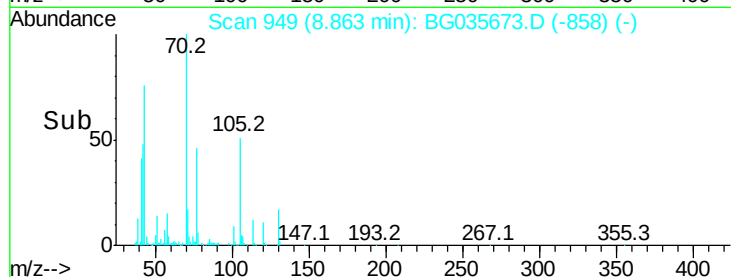
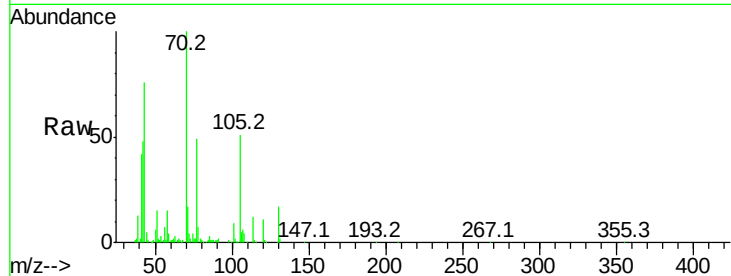
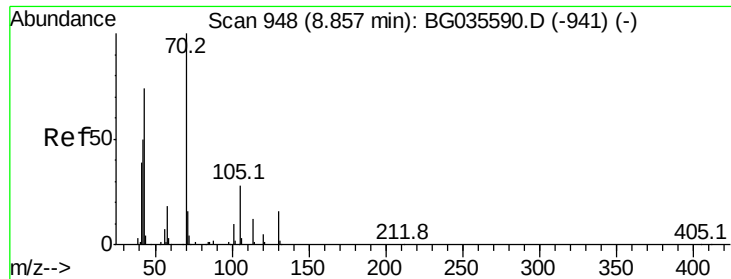
Delta R.T. 0.00 min

Lab File: BG035673.D

Acq: 16 Jul 2018 17:17

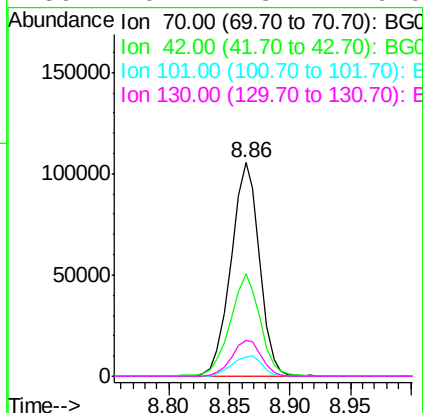
Tgt Ion:	117	Resp:	68792
Ion Ratio	Lower	Upper	
117	100		
119	96.1	76.7	115.1
201	130.1	95.7	143.5





#19
n-Nitroso-di-n-propylamine
Concen: 39.923 ng
RT: 8.86 min Scan# 949
Delta R.T. 0.01 min
Lab File: BG035673.D
Acq: 16 Jul 2018 17:17

Tot Ion	Ratio	Lower	Upper
70	100		
42	47.9	49.1	73.7#
101	8.9	8.5	12.7
130	16.7	13.4	20.0



Instrument :
BNA_G
ClientSampleId :
AOC7-BTM-6-5MS

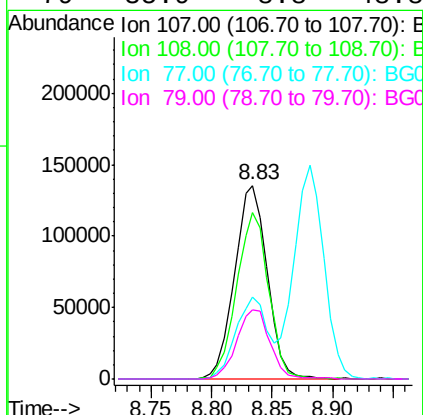
Manual Integrations
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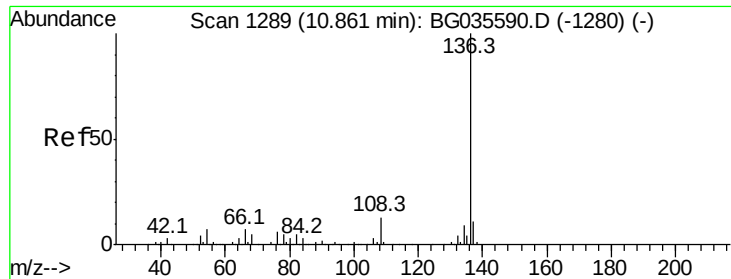
Sohil

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#20
3+4-Methylphenols
Concen: 52.324 ng
RT: 8.83 min Scan# 944
Delta R.T. 0.01 min
Lab File: BG035673.D
Acq: 16 Jul 2018 17:17

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.3	61.6	101.6
77	42.4	13.9	53.9
79	35.9	8.8	48.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BG035673.D
Acq: 16 Jul 2018 17:17

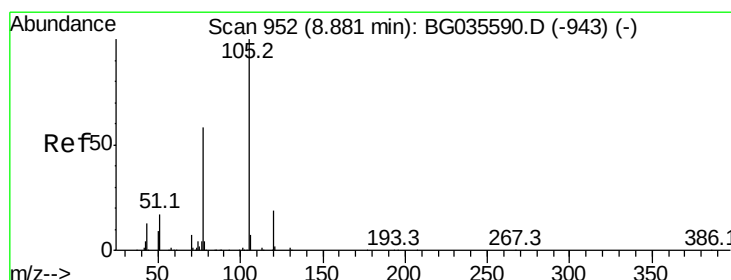
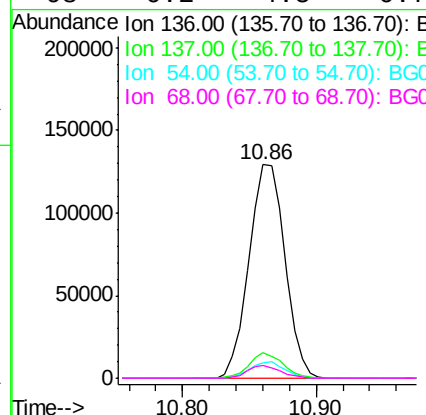
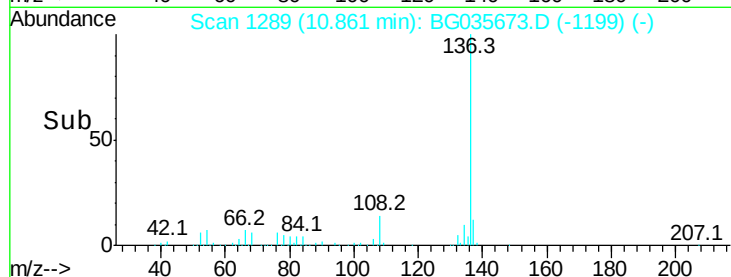
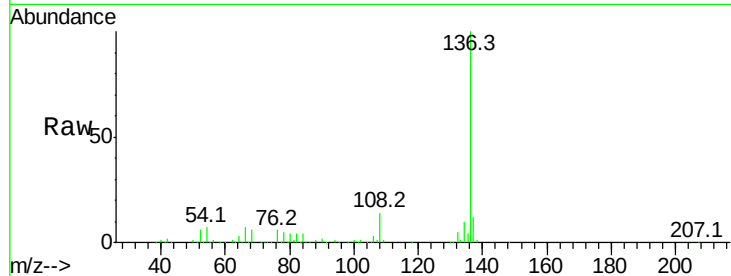
Instrument :
BNA_G
ClientSampleId :
AOC7-BTM-6-6.5MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.7	9.2	13.8	
54	7.3	10.3	15.5	
68	6.2	4.5	6.7	

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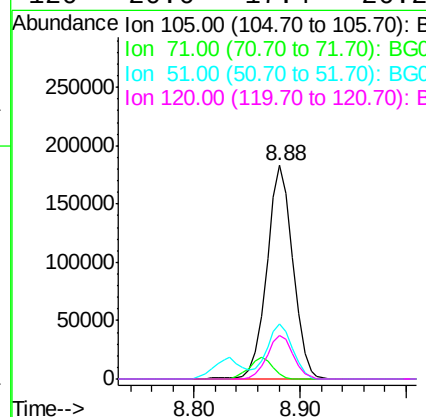
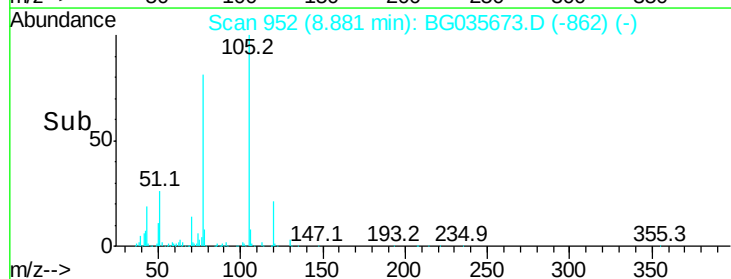
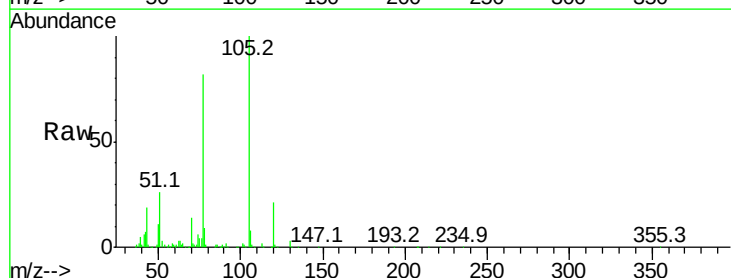
Sohil

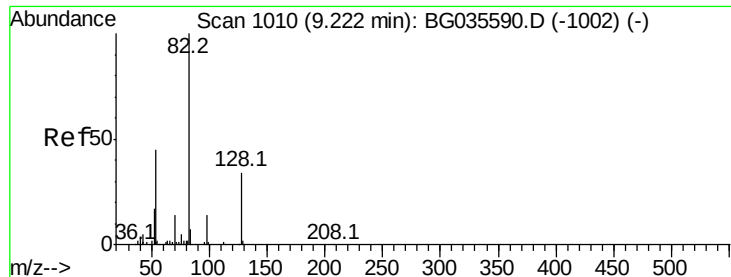
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#22
Acetophenone
Concen: 41.917 ng
RT: 8.88 min Scan# 952
Delta R.T. 0.00 min
Lab File: BG035673.D
Acq: 16 Jul 2018 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.3	3.0	4.4	
51	25.8	26.1	39.1	
120	20.6	17.4	26.2	





#23
Nitrobenzene-d5
Concen: 90.557 ng
RT: 9.22 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BG035673.D
Acq: 16 Jul 2018 17:17

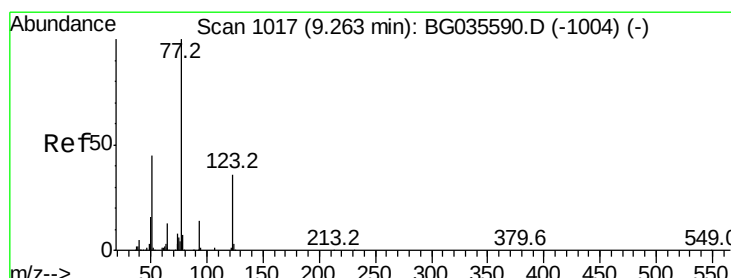
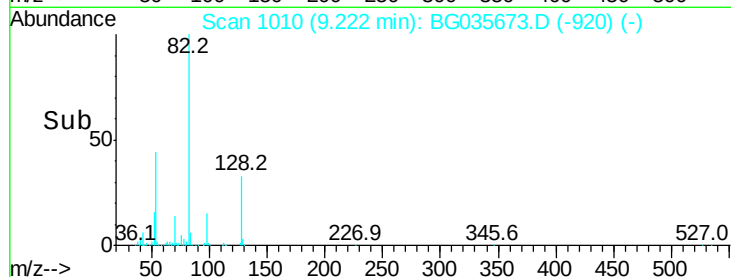
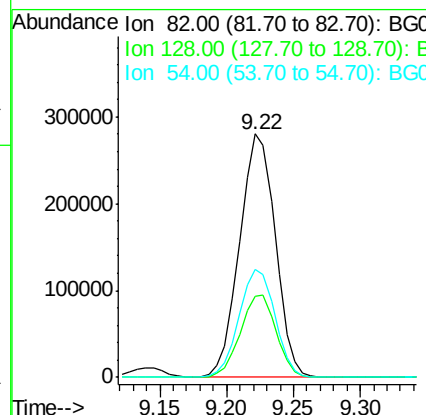
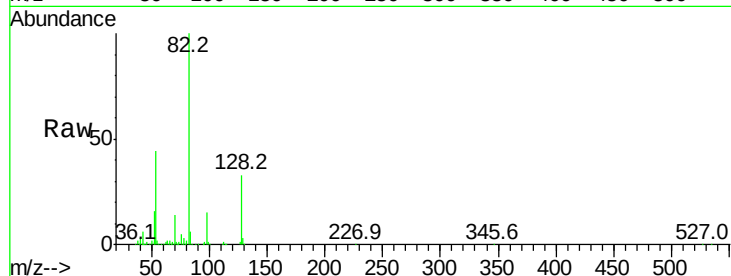
Instrument :
BNA_G
ClientSampleId :
AOC7-BTM-6-6.5MS

Tot Ion	82	Resp	520763
Ion Ratio	Lower	Upper	
82	100		
128	33.5	29.7	44.5
54	44.4	43.1	64.7

Manual Integrations
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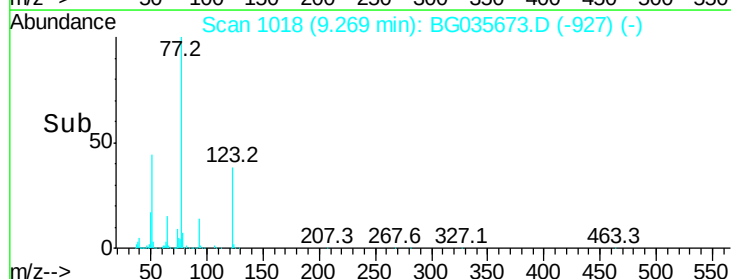
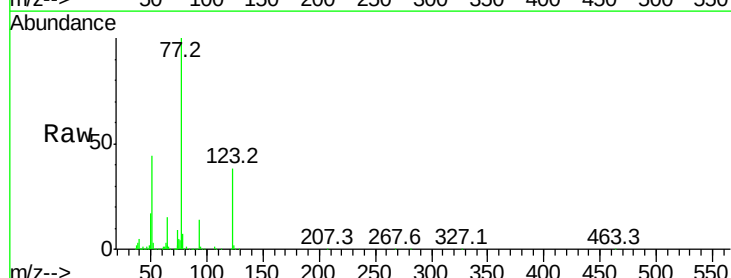
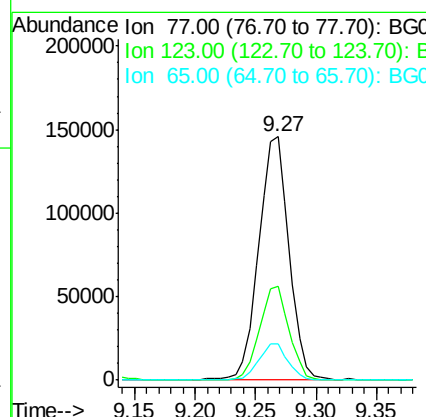
Sohil

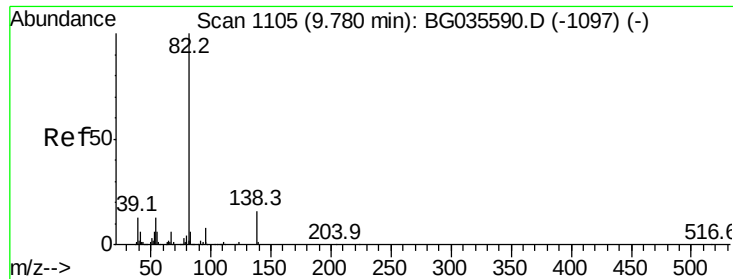
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#24
Nitrobenzene
Concen: 43.875 ng
RT: 9.27 min Scan# 1018
Delta R.T. 0.01 min
Lab File: BG035673.D
Acq: 16 Jul 2018 17:17

Tgt Ion	77	Resp	253748
Ion Ratio	Lower	Upper	
77	100		
123	38.4	33.0	49.6
65	15.0	13.0	19.6





#25

Isophorone

Concen: 46.093 ng

RT: 9.79 min Scan# 1106

Delta R.T. 0.01 min

Lab File: BG035673.D

Acq: 16 Jul 2018 17:17

Instrument :

BNA_G

ClientSampleId :

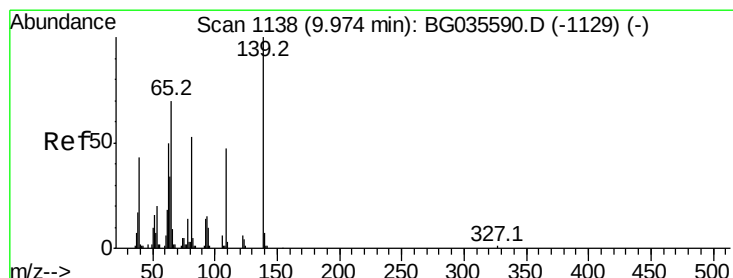
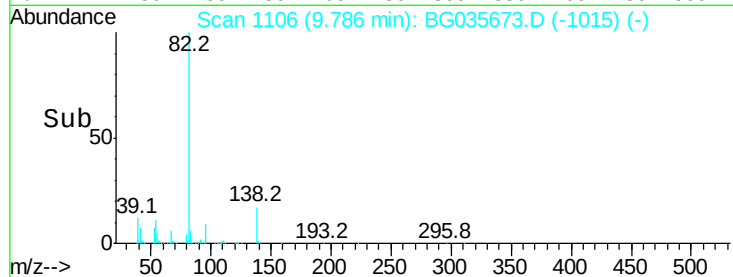
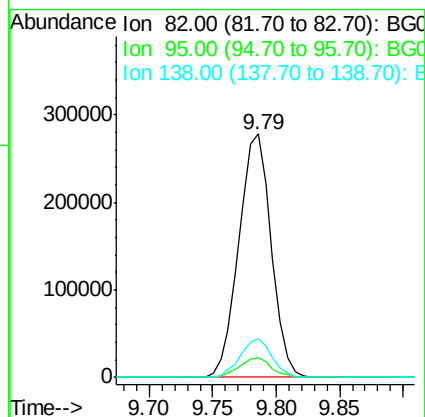
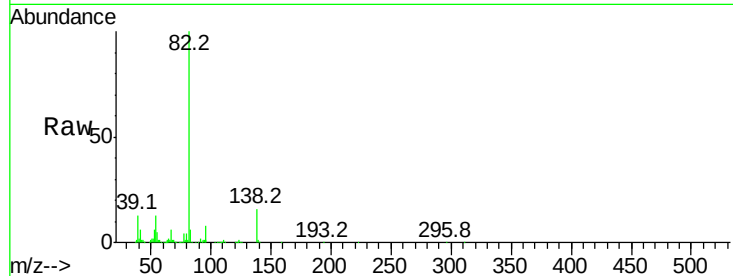
AOC7-BTM-6-6.5MS

Tot Ion:	82	Resp:	492048
Ion Ratio	Lower	Upper	
82	100		
95	8.1	6.2	9.2
138	15.7	12.1	18.1

Manual Integrations
APPROVED

Sohil

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#26

2-Nitrophenol

Concen: 52.701 ng

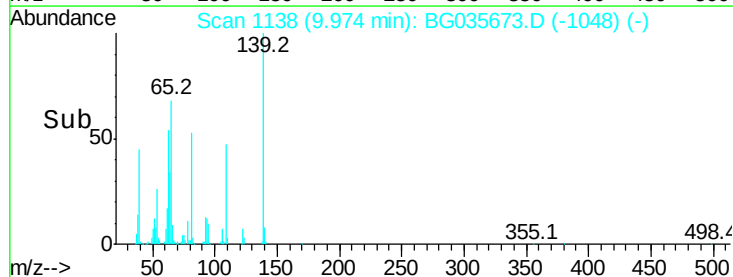
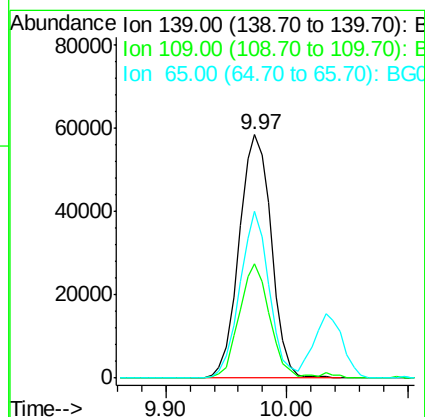
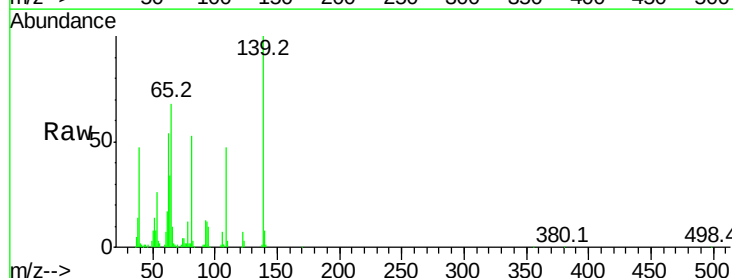
RT: 9.97 min Scan# 1138

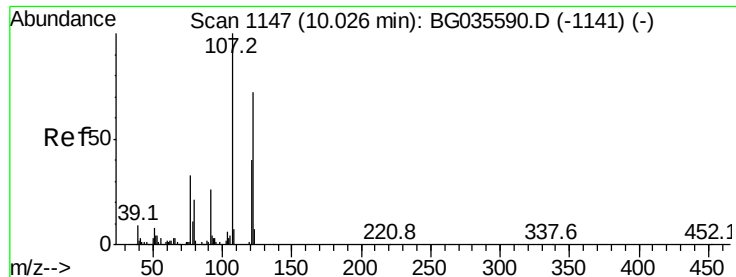
Delta R.T. 0.00 min

Lab File: BG035673.D

Acq: 16 Jul 2018 17:17

Tgt Ion:	139	Resp:	108246
Ion Ratio	Lower	Upper	
139	100		
109	47.0	24.2	36.2#
65	68.4	47.4	71.0





#27
2,4-Dimethylphenol
Concen: 56.384 ng
RT: 10.03 min Scan# 1148
Delta R.T. 0.01 min
Lab File: BG035673.D
Acq: 16 Jul 2018 17:17

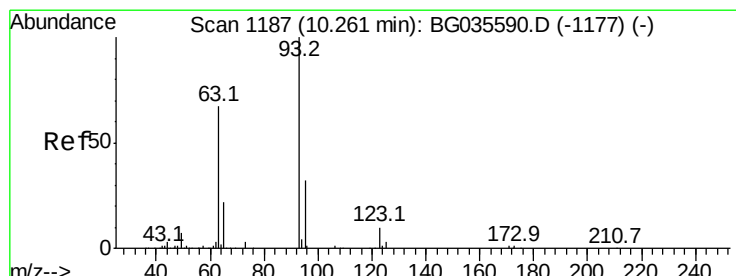
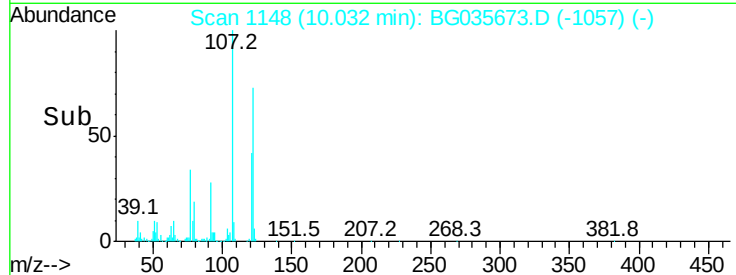
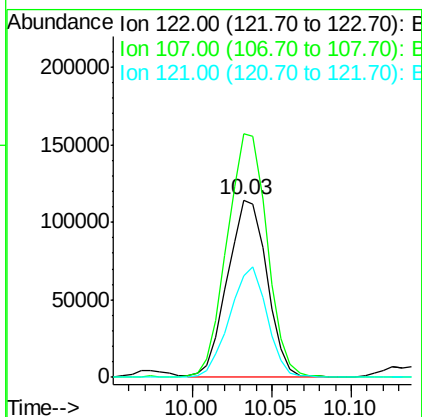
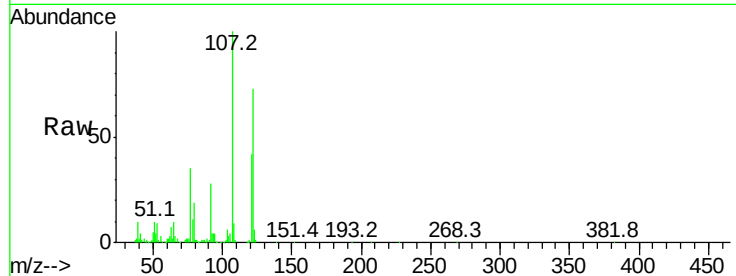
Instrument :
BNA_G
ClientSampleId :
AOC7-BTM-6-6.5MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	137.1	100.2	150.2
121	57.1	44.4	66.6

Manual Integrations
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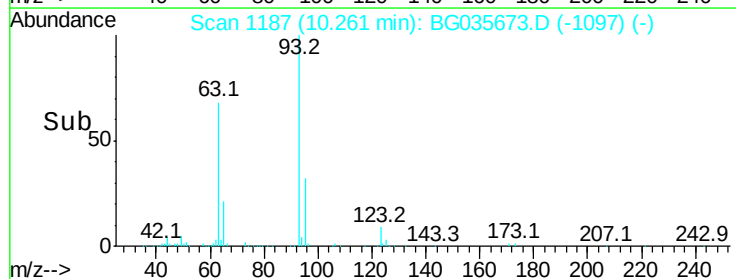
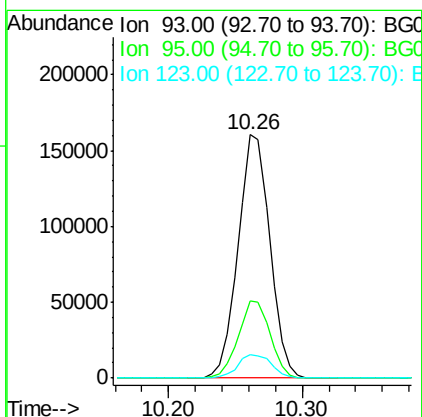
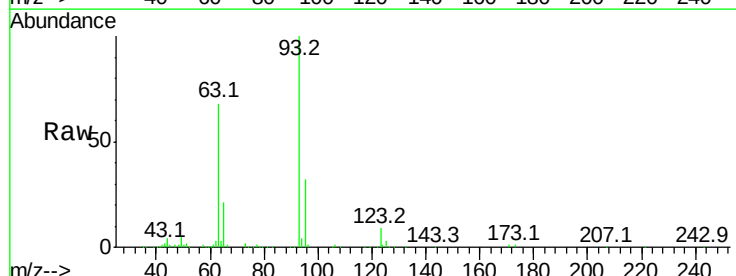
Sohil

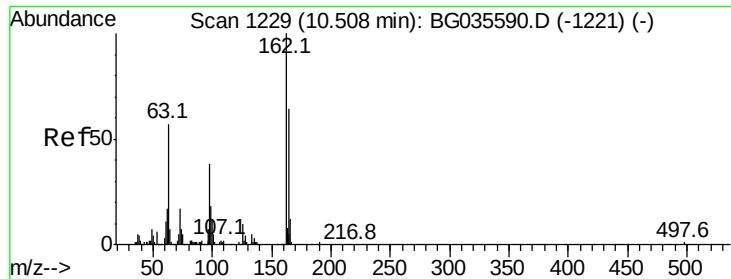
7/17/2018 4:57:18 PM



#28
bis(2-Chloroethoxy)methane
Concen: 44.779 ng
RT: 10.26 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BG035673.D
Acq: 16 Jul 2018 17:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	24.3	36.5
123	9.5	8.4	12.6





#29
 2,4-Dichlorophenol
 Concen: 56.039 ng
 RT: 10.51 min Scan# 1230
 Delta R.T. 0.01 min
 Lab File: BG035673.D
 Acq: 16 Jul 2018 17:17

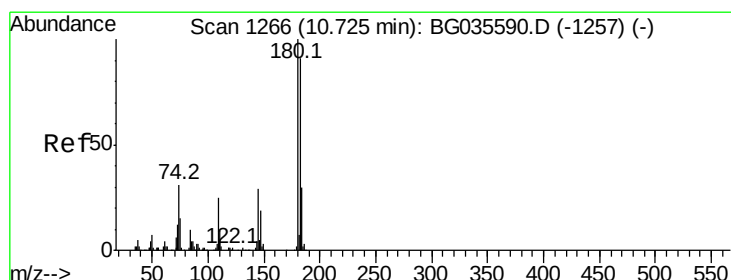
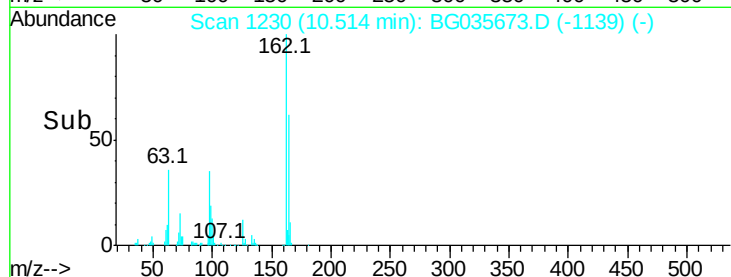
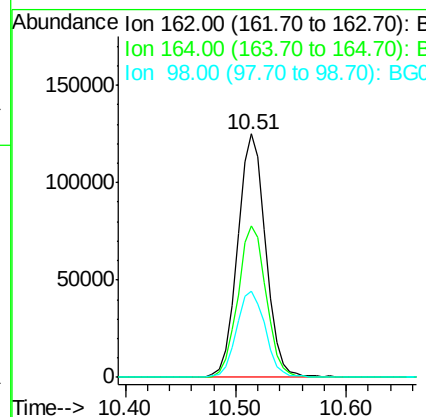
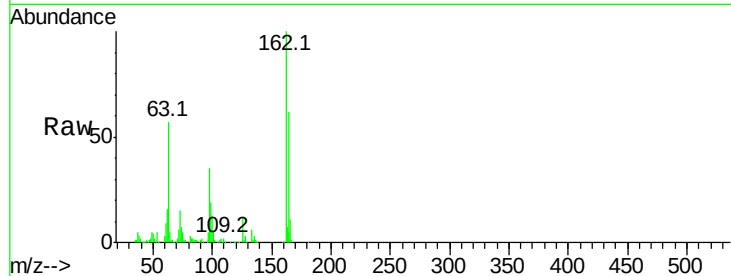
Instrument :
 BNA_G
 ClientSampleId :
 AOC7-BTM-6-6.5MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	62.3	48.0	88.0	
98	35.2	21.1	61.1	

Manual Integrations
 APPROVED

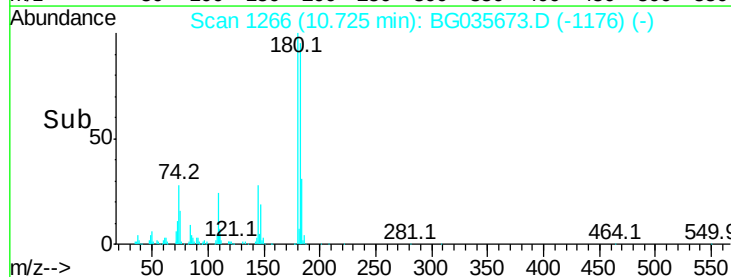
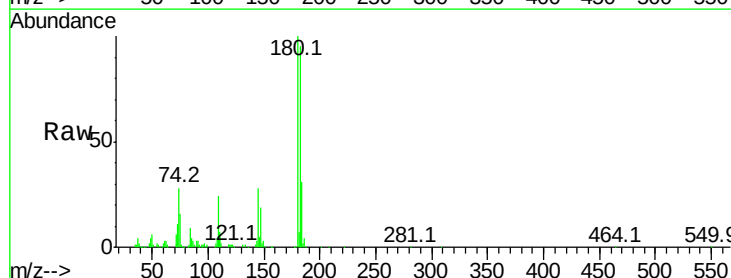
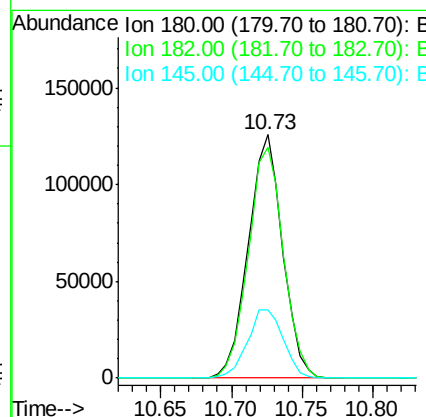
Sohil

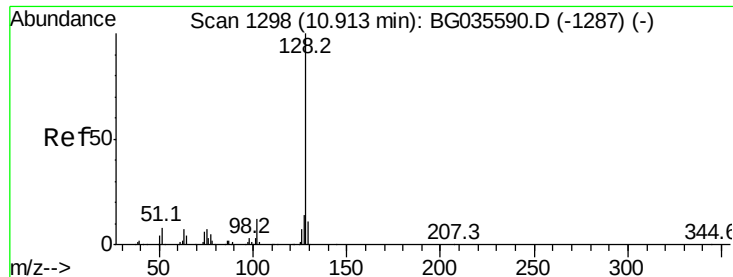
7/17/2018 4:57:18 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 43.831 ng
 RT: 10.73 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: BG035673.D
 Acq: 16 Jul 2018 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.8	77.5	116.3	
145	28.1	23.4	35.2	





#31
Naphthalene
Concen: 43.867 ng
RT: 10.91 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BG035673.D
Acq: 16 Jul 2018 17:17

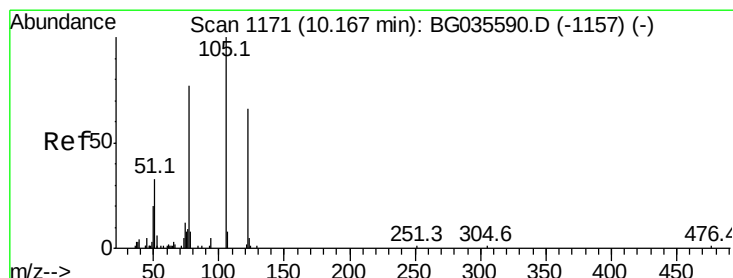
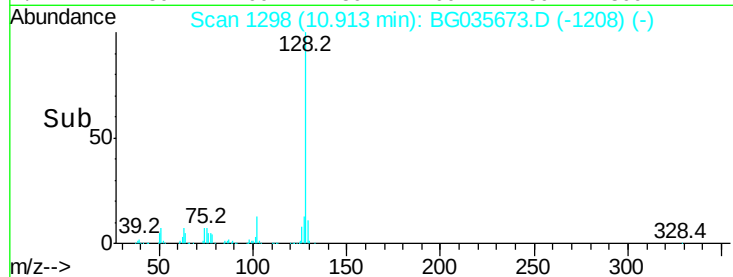
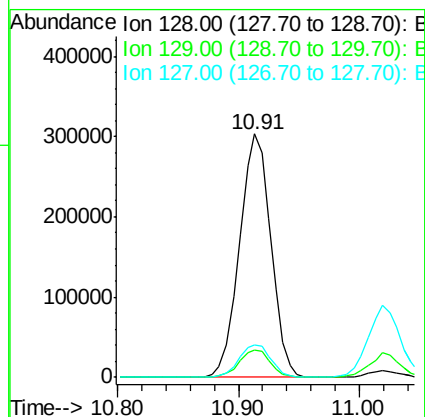
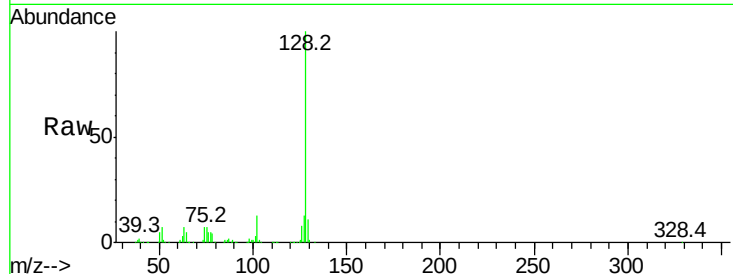
Instrument :
BNA_G
ClientSampleId :
AOC7-BTM-6-6.5MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.1	8.6	12.8	
127	13.4	11.6	17.4	

Manual Integrations
APPROVED

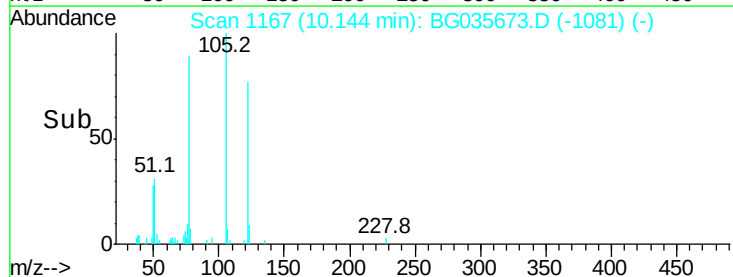
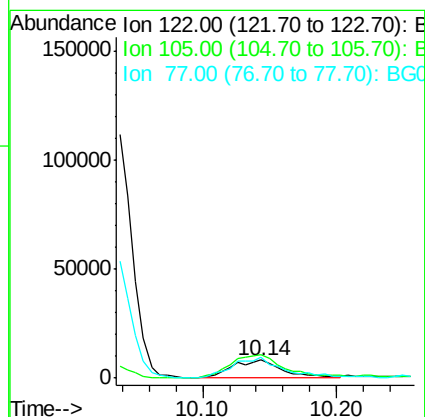
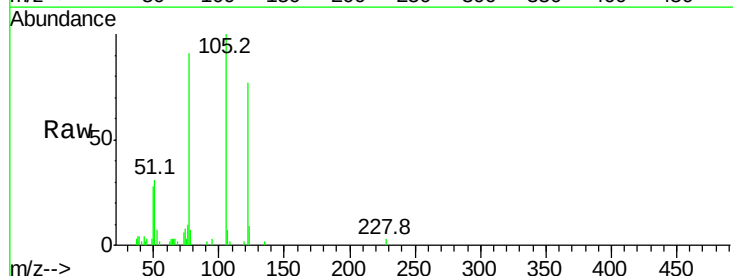
Sohil

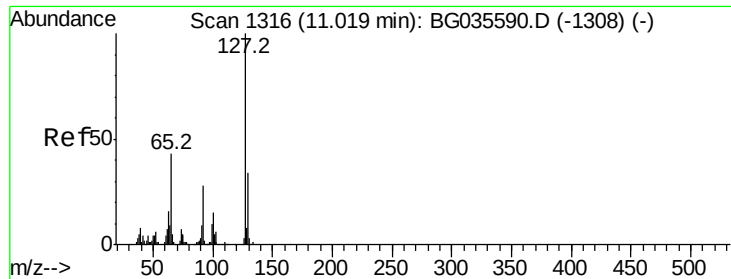
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#32
Benzoic acid
Concen: 8.121 ng
RT: 10.14 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BG035673.D
Acq: 16 Jul 2018 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	130.1	123.5	163.5	
77	117.9	85.7	125.7	





#33
4-Chloroaniline
Concen: 30.602 ng
RT: 11.02 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BG035673.D
Acq: 16 Jul 2018 17:17

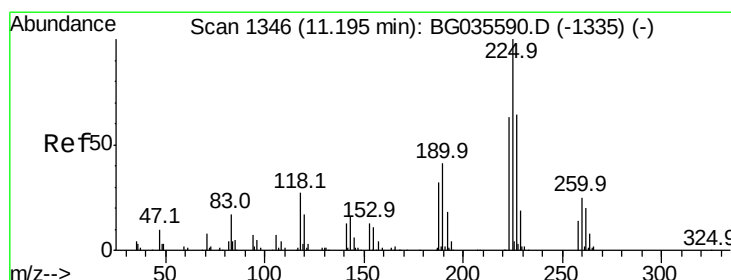
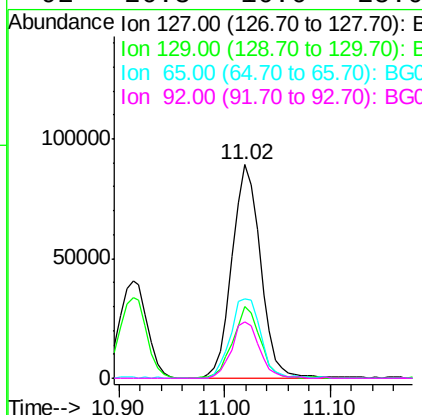
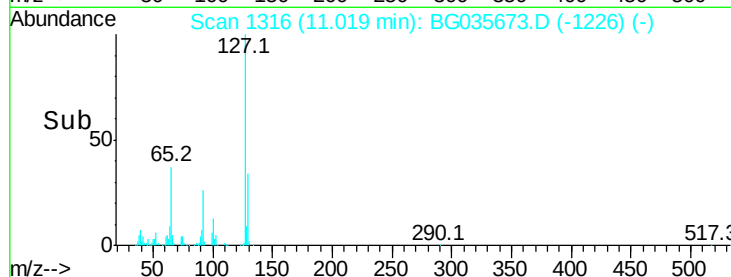
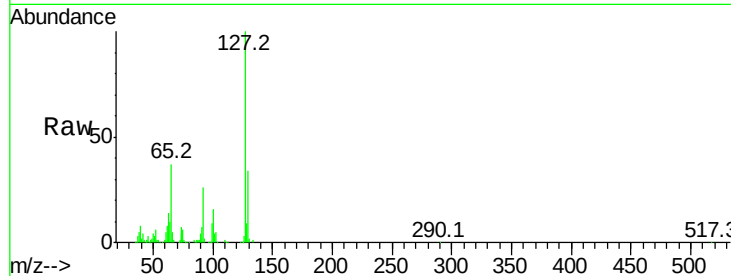
Instrument :
BNA_G
ClientSampleId :
AOC7-BTM-6-6.5MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.9	24.0	36.0
65	37.1	27.0	40.4
92	26.3	16.6	25.0#

Manual Integrations
APPROVED

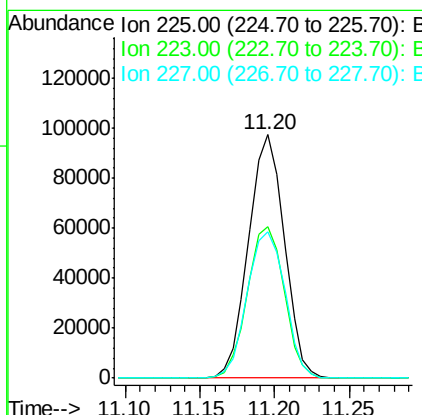
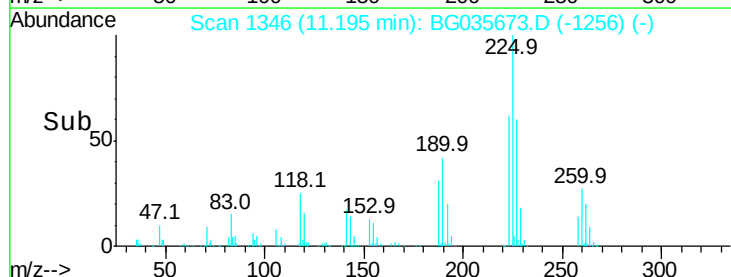
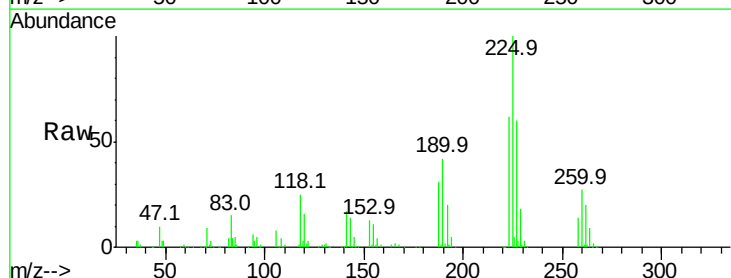
Sohil

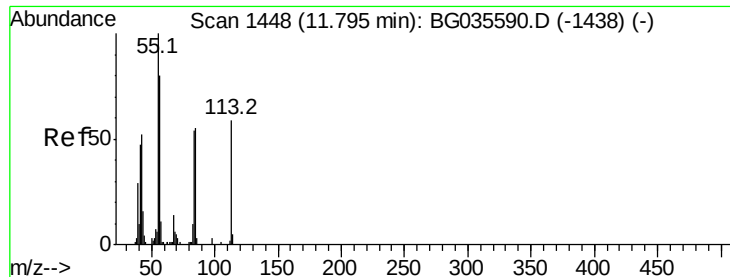
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#34
Hexachlorobutadiene
Concen: 42.654 ng
RT: 11.20 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BG035673.D
Acq: 16 Jul 2018 17:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.7	74.5
227	60.0	48.1	72.1





#35
 Caprolactam
 Concen: 43.066 ng/ml
 RT: 11.81 min Scan# 1450
 Delta R.T. 0.01 min
 Lab File: BG035673.D
 Acq: 16 Jul 2018 17:17

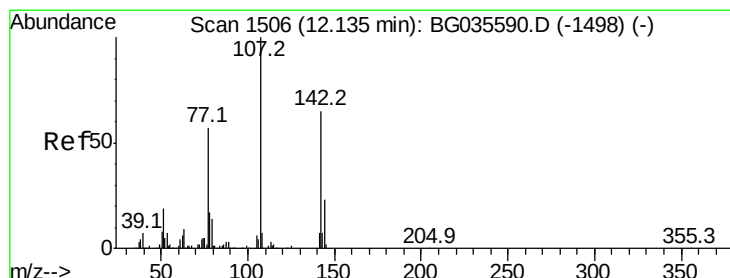
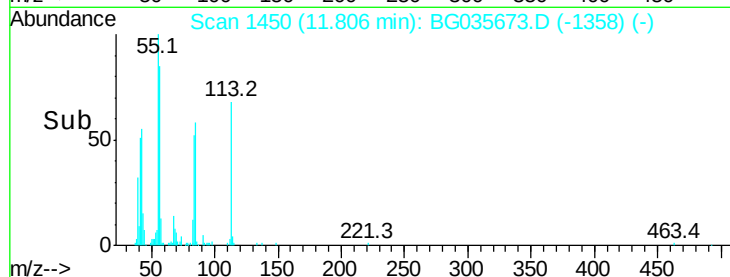
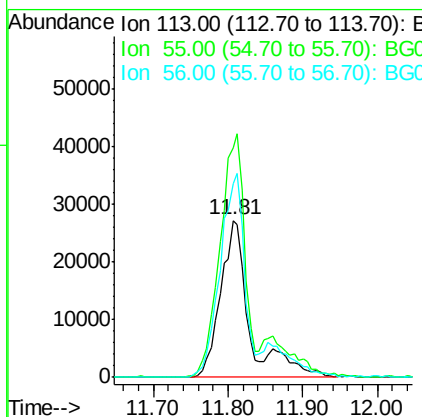
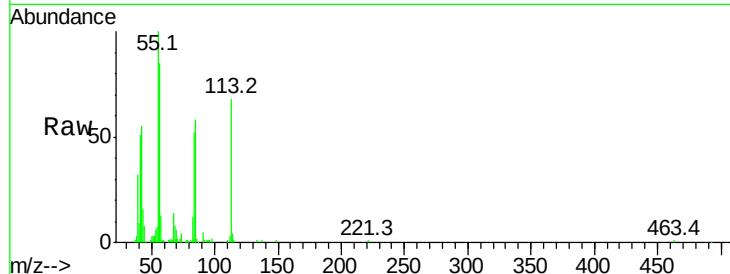
Instrument :
 BNA_G
 ClientSampleId :
 AOC7-BTM-6-6.5MS

Tot Ion:113 Resp: 73348
 Ion Ratio Lower Upper
 113 100
 55 146.4 186.9 226.9#
 56 123.8 130.9 170.9#

Manual Integrations
 APPROVED

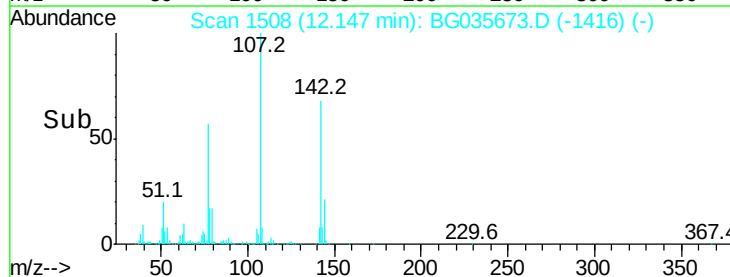
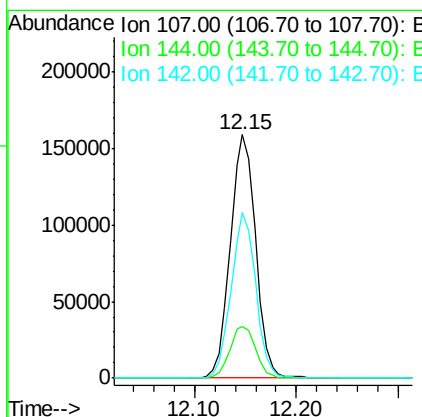
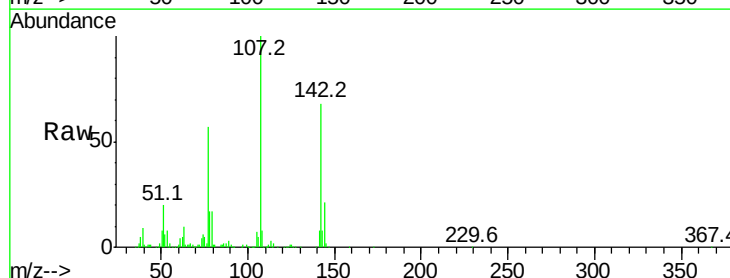
Sohil

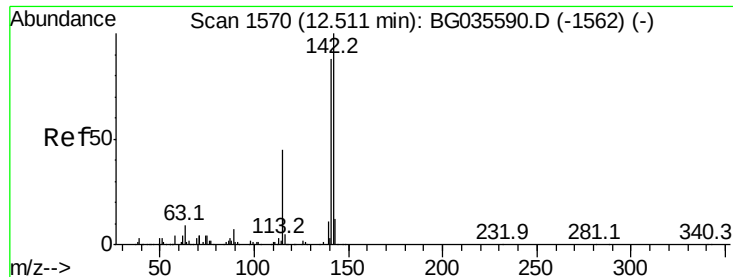
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#36
 4-Chloro-3-methylphenol
 Concen: 51.829 ng/ml
 RT: 12.15 min Scan# 1508
 Delta R.T. 0.01 min
 Lab File: BG035673.D
 Acq: 16 Jul 2018 17:17

Tgt Ion:107 Resp: 275723
 Ion Ratio Lower Upper
 107 100
 144 21.2 18.2 27.4
 142 68.0 59.0 88.4





#37

2-Methylnaphthalene

Concen: 47.397 ng

RT: 12.51 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BG035673.D

Acq: 16 Jul 2018 17:17

Instrument :

BNA_G

ClientSampleId :

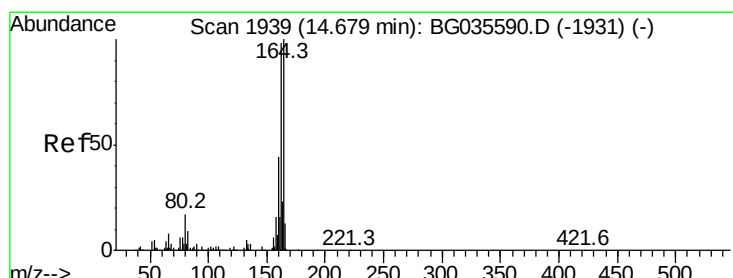
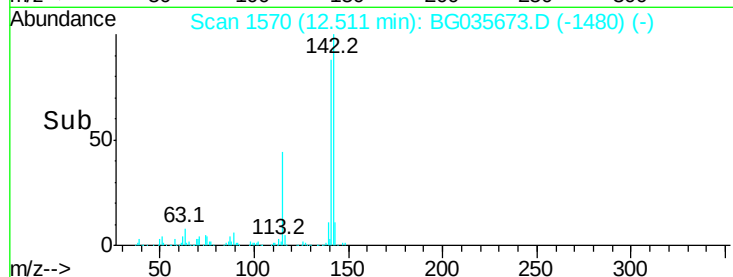
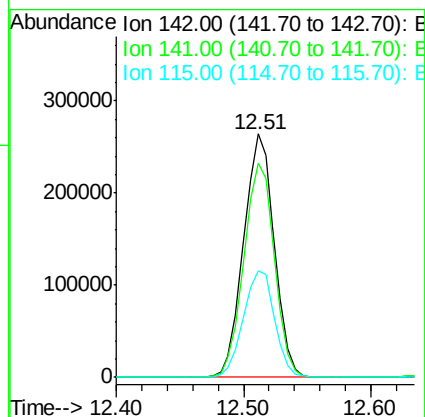
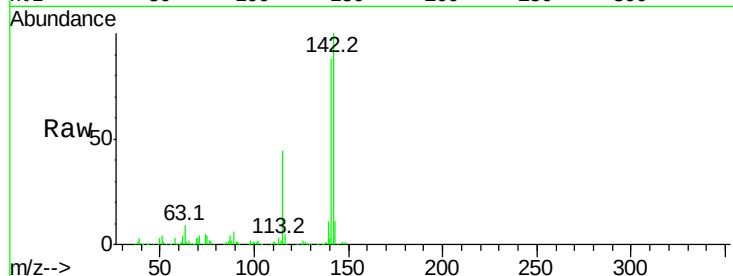
AOC7-BTM-6-6.5MS

Tot Ion:	142	Resp:	441881
Ion Ratio	Lower	Upper	
142	100		
141	88.1	67.1	100.7
115	43.7	30.7	46.1

Manual Integrations
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Sohil

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#38

Acenaphthene-d10

Concen: 20.000 ng

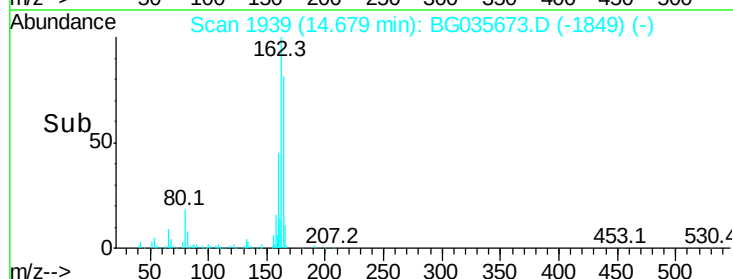
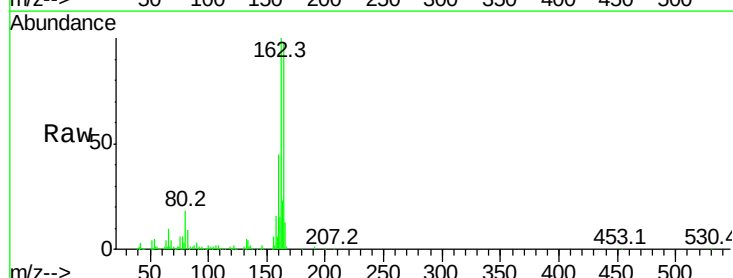
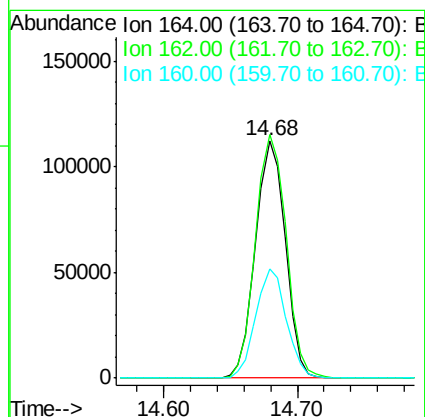
RT: 14.68 min Scan# 1939

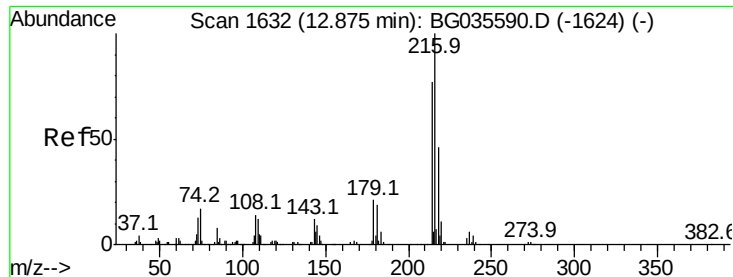
Delta R.T. 0.00 min

Lab File: BG035673.D

Acq: 16 Jul 2018 17:17

Tgt Ion:	164	Resp:	173722
Ion Ratio	Lower	Upper	
164	100		
162	102.4	78.8	118.2
160	46.0	35.4	53.0





#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.294 ng
 RT: 12.88 min Scan# 1633
 Delta R.T. 0.01 min
 Lab File: BG035673.D
 Acq: 16 Jul 2018 17:17

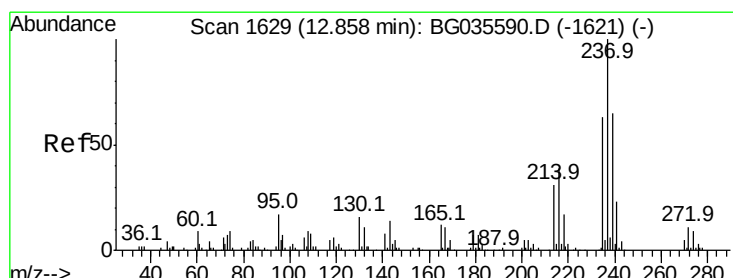
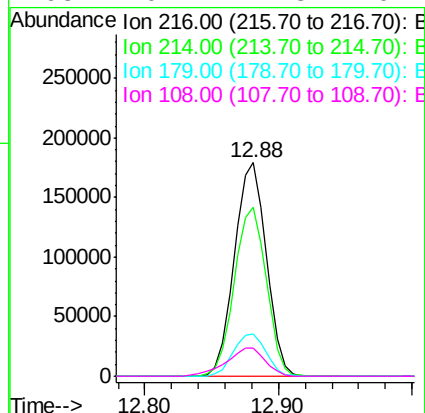
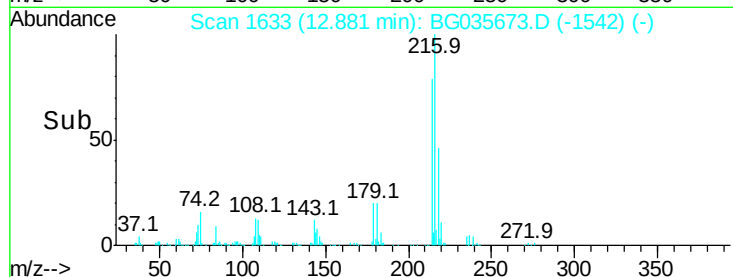
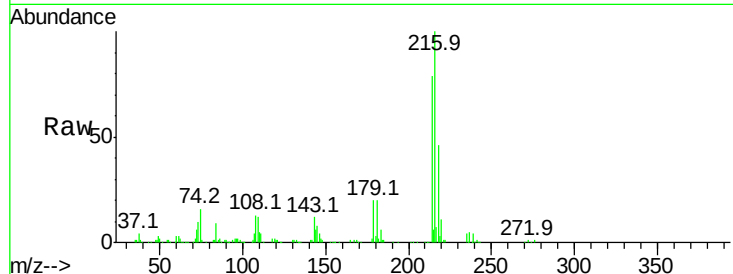
Instrument :
 BNA_G
 ClientSampleId :
 AOC7-BTM-6-6.5MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	296986		
214	79.3	63.0	94.4	
179	20.4	17.0	25.6	
108	16.1	12.8	19.2	

Manual Integrations
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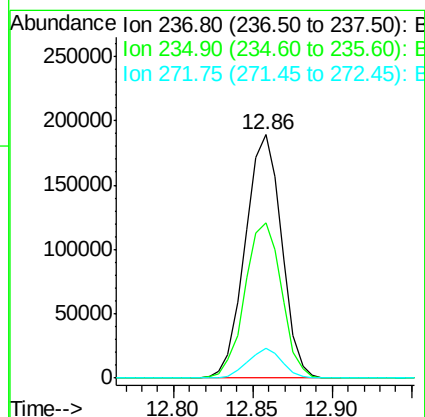
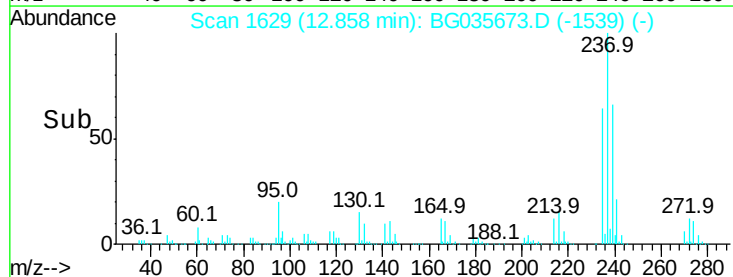
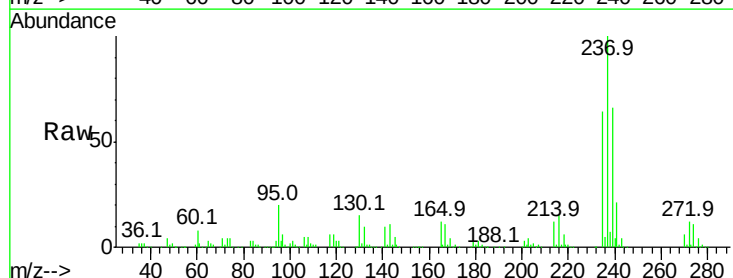
Sohil

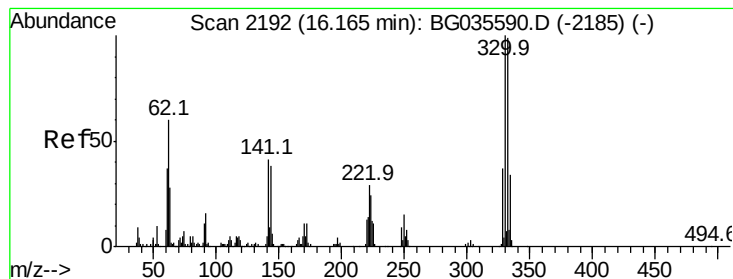
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#40
 Hexachlorocyclopentadiene
 Concen: 87.561 ng
 RT: 12.86 min Scan# 1629
 Delta R.T. 0.00 min
 Lab File: BG035673.D
 Acq: 16 Jul 2018 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	301095		
235	64.0	50.4	90.4	
272	12.2	0.0	31.8	





#41

2,4,6-Tribromophenol

Concen: 150.374 ng

RT: 16.17 min Scan# 2193

Delta R.T. 0.01 min

Lab File: BG035673.D

Acq: 16 Jul 2018 17:17

Instrument :

BNA_G

ClientSampleId :

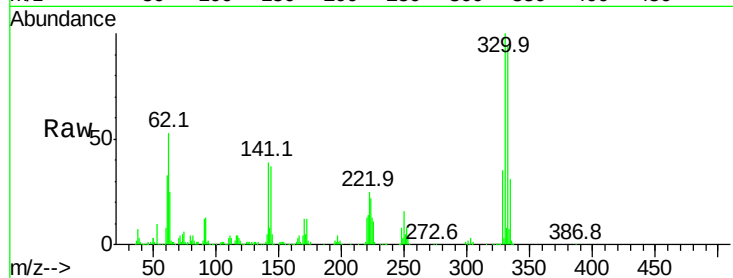
AOC7-BTM-6-6.5MS

Tot Ion:	330	Resp:	344321
Ion Ratio	Lower	Upper	
330	100		
332	95.9	77.0	115.6
141	39.5	25.2	37.8#

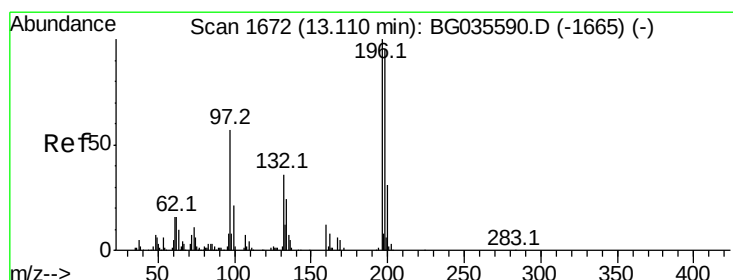
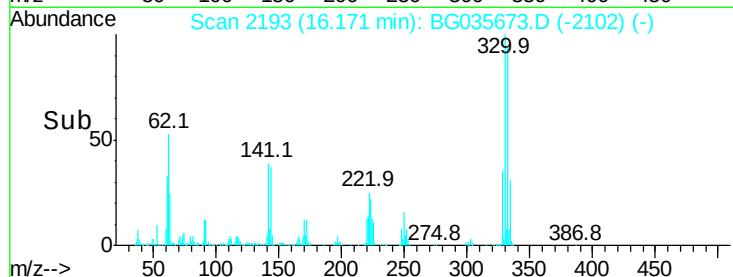
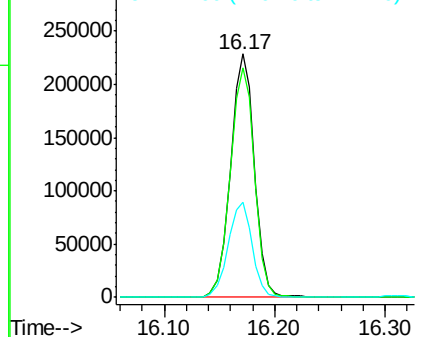
Manual Integrations
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Sohil

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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



#42

2,4,6-Trichlorophenol

Concen: 52.424 ng

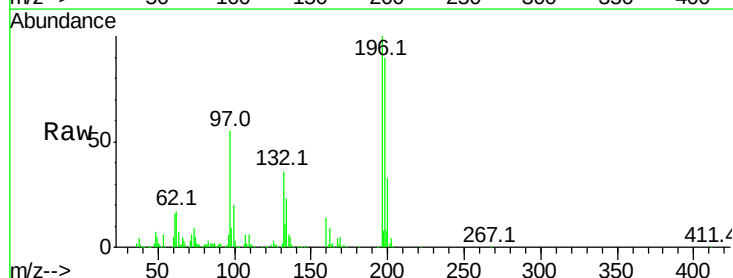
RT: 13.12 min Scan# 1674

Delta R.T. 0.01 min

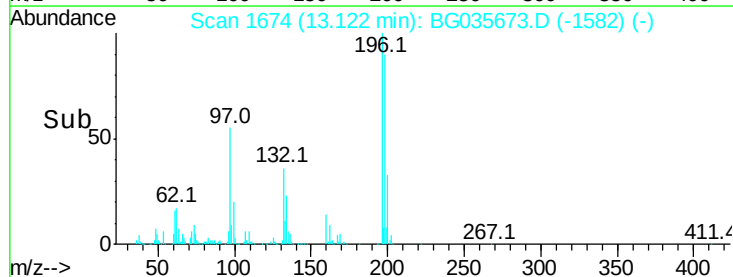
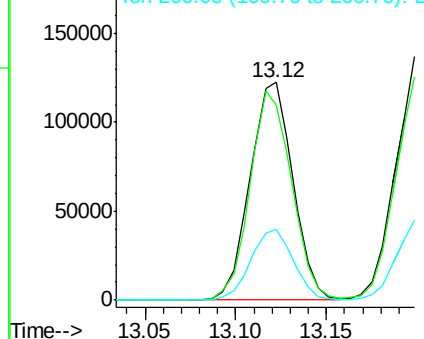
Lab File: BG035673.D

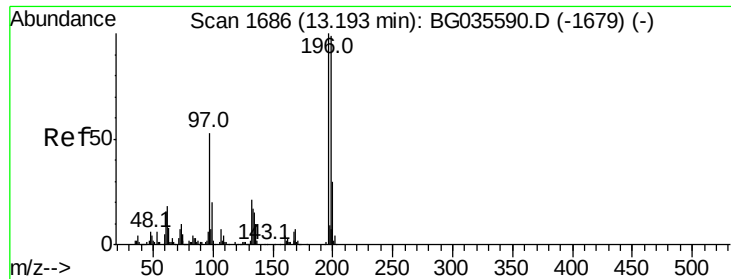
Acq: 16 Jul 2018 17:17

Tgt Ion:	196	Resp:	201018
Ion Ratio	Lower	Upper	
196	100		
198	89.7	78.2	117.2
200	32.5	24.6	36.8



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





#43
2,4,5-Trichlorophenol
Concen: 50.788 ng
RT: 13.20 min Scan# 1687
Delta R.T. 0.01 min
Lab File: BG035673.D
Acq: 16 Jul 2018 17:17

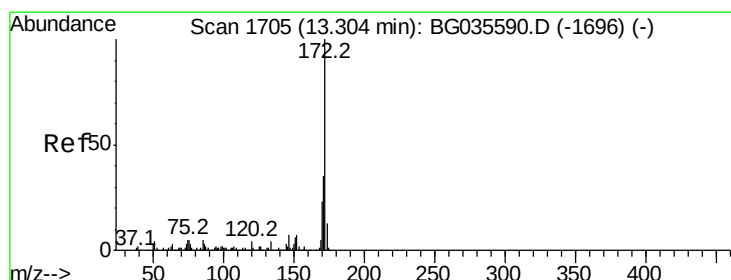
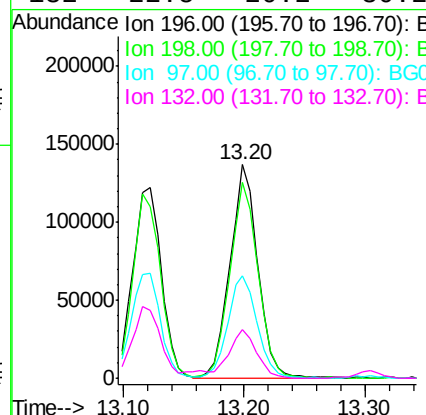
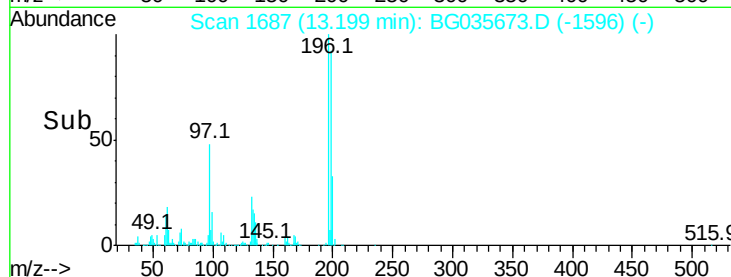
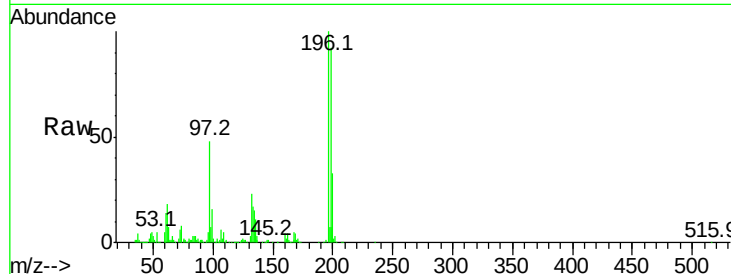
Instrument :
BNA_G
ClientSampleId :
AOC7-BTM-6-6.5MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	217863		
198	91.7	76.2	114.4	
97	48.0	38.7	58.1	
132	22.5	20.2	30.2	

Manual Integrations
APPROVED

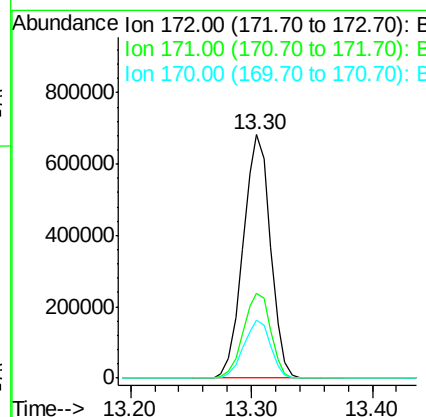
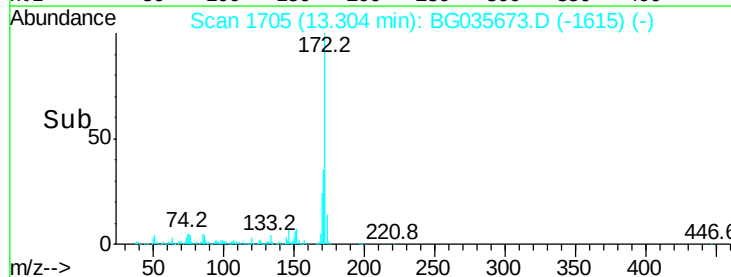
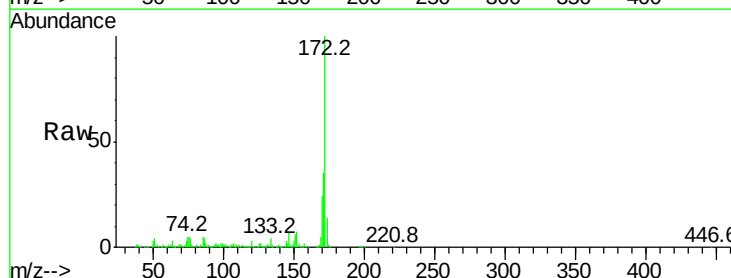
Sohil

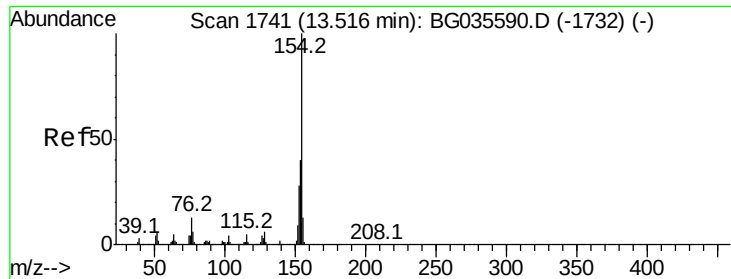
7/17/2018 4:57:18 PM



#44
2-Fluorobiphenyl
Concen: 82.975 ng
RT: 13.30 min Scan# 1705
Delta R.T. 0.00 min
Lab File: BG035673.D
Acq: 16 Jul 2018 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1075918		
171	34.8	30.0	45.0	
170	23.7	19.5	29.3	





#45
1,1'-Biphenyl
Concen: 44.907 ng
RT: 13.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: BG035673.D
Acq: 16 Jul 2018 17:17

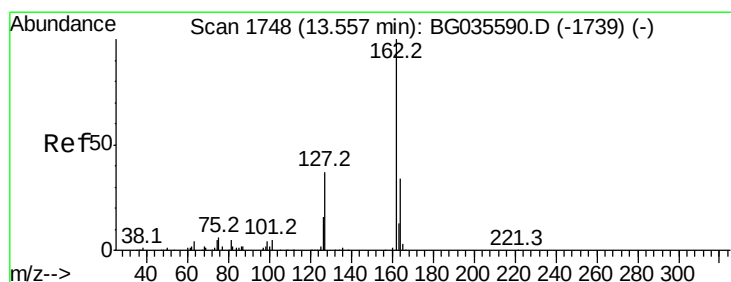
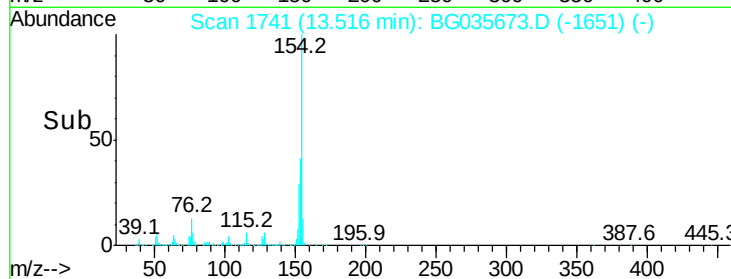
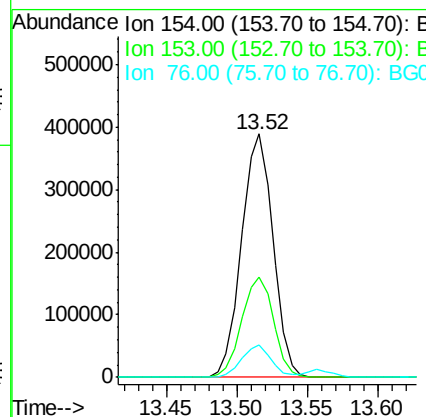
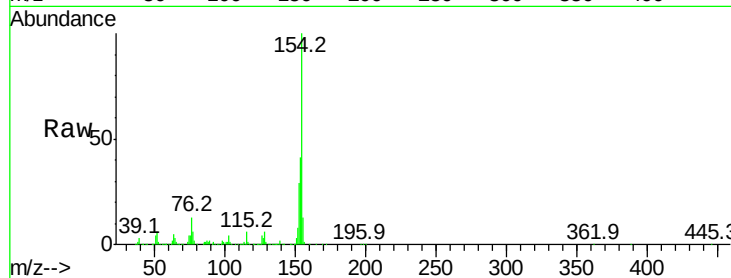
Instrument :
BNA_G
ClientSampleId :
AOC7-BTM-6-6.5MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.2	19.8	59.8
76	13.3	0.0	31.9

Manual Integrations
APPROVED

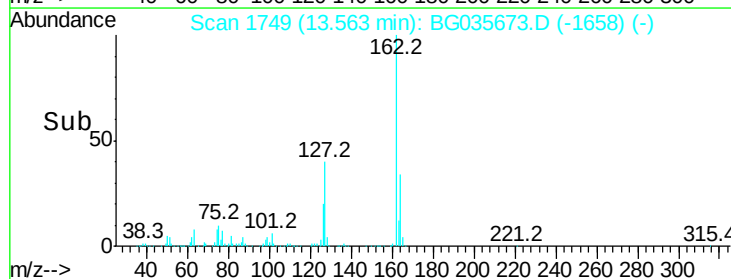
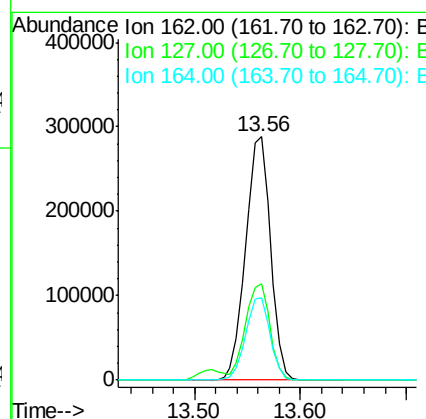
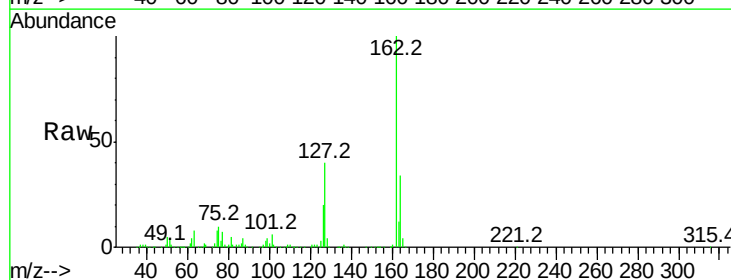
Sohil

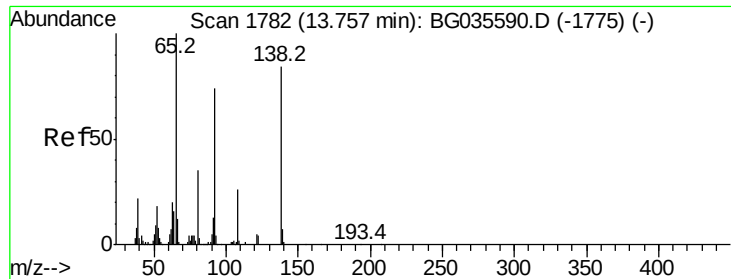
7/17/2018 4:57:18 PM



#46
2-Chloronaphthalene
Concen: 44.863 ng
RT: 13.56 min Scan# 1749
Delta R.T. 0.01 min
Lab File: BG035673.D
Acq: 16 Jul 2018 17:17

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.9	30.7	46.1
164	33.6	26.0	39.0





#47
2-Nitroaniline
Concen: 48.782 ng
RT: 13.76 min Scan# 1783
Delta R.T. 0.01 min
Lab File: BG035673.D
Acq: 16 Jul 2018 17:17

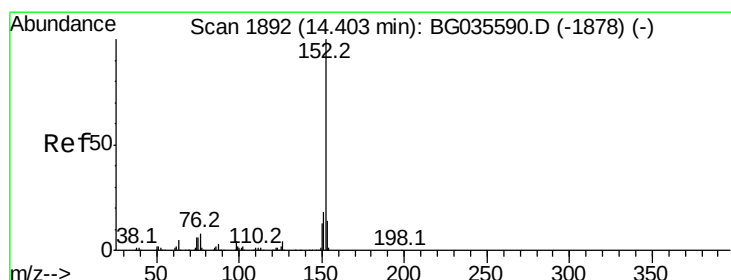
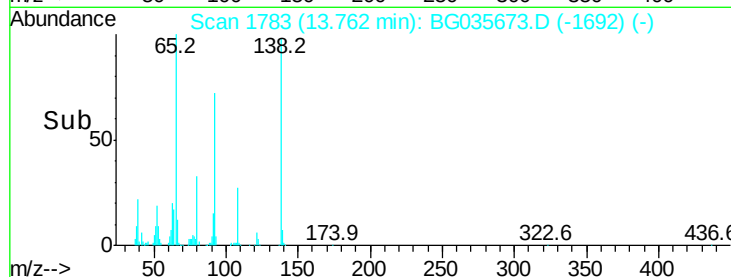
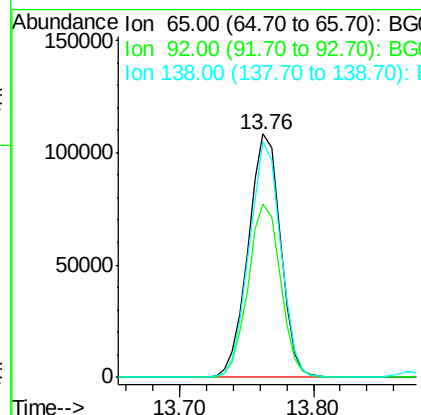
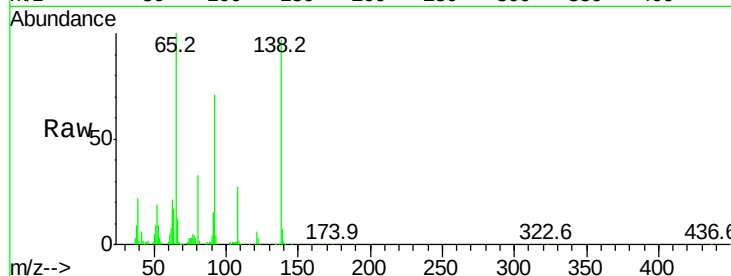
Instrument :
BNA_G
ClientSampleId :
AOC7-BTM-6-6.5MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.3	54.6	82.0
138	97.1	72.9	109.3

Manual Integrations
APPROVED

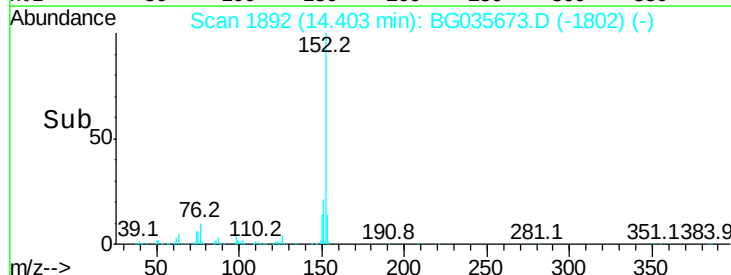
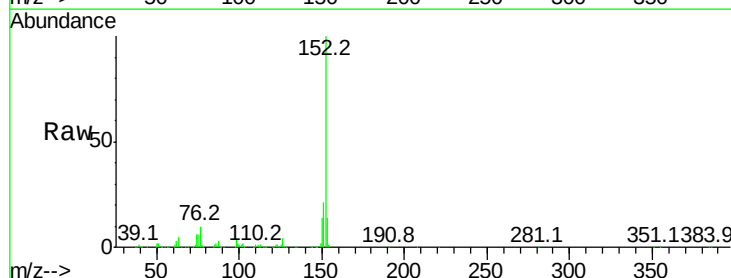
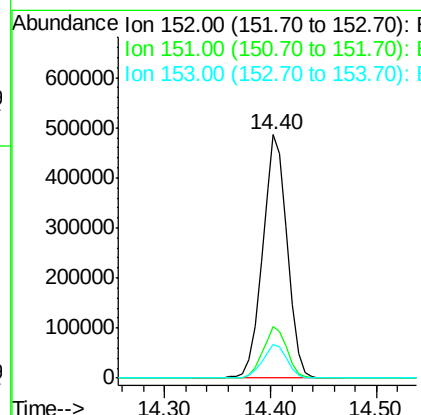
Sohil

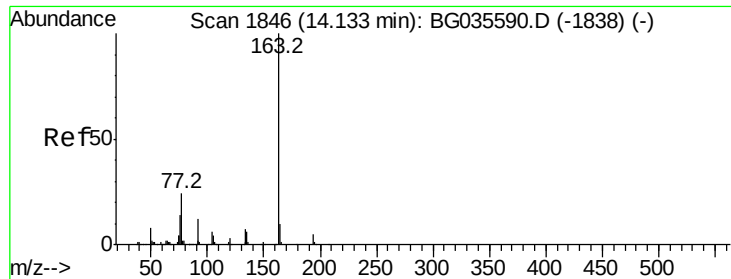
7/17/2018 4:57:18 PM



#48
Acenaphthylene
Concen: 44.597 ng
RT: 14.40 min Scan# 1892
Delta R.T. 0.00 min
Lab File: BG035673.D
Acq: 16 Jul 2018 17:17

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.2	17.2	25.8
153	14.0	10.2	15.4





#49
Dimethylphthalate
Concen: 53.659 ng
RT: 14.14 min Scan# 1847
Delta R.T. 0.01 min
Lab File: BG035673.D
Acq: 16 Jul 2018 17:17

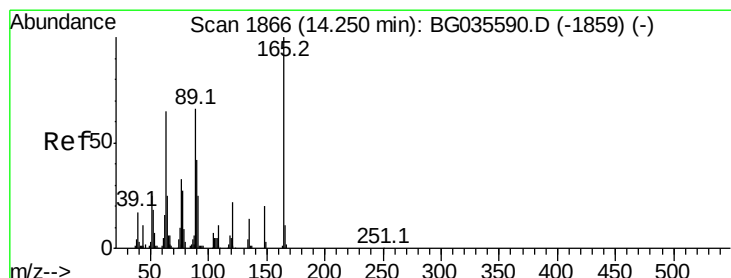
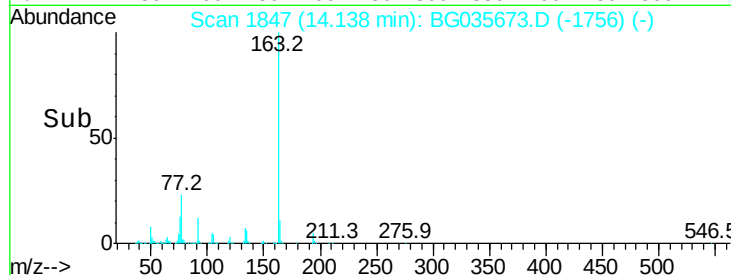
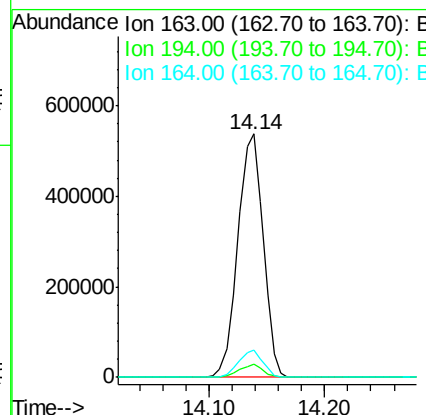
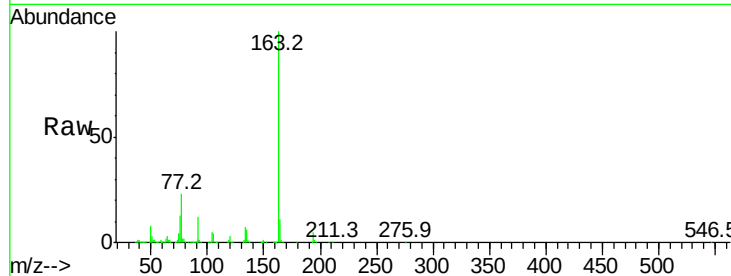
Instrument :
BNA_G
ClientSampleId :
AOC7-BTM-6-6.5MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	5.4	3.4	5.2	
164	11.0	8.2	12.4	

Manual Integrations
APPROVED

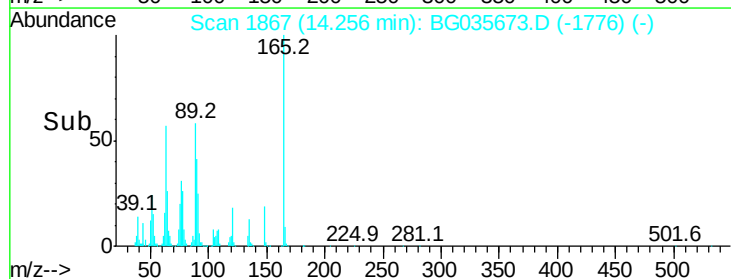
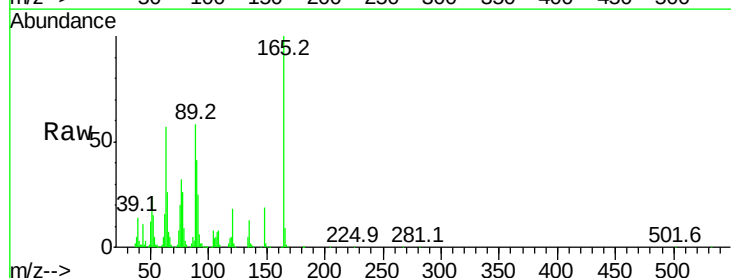
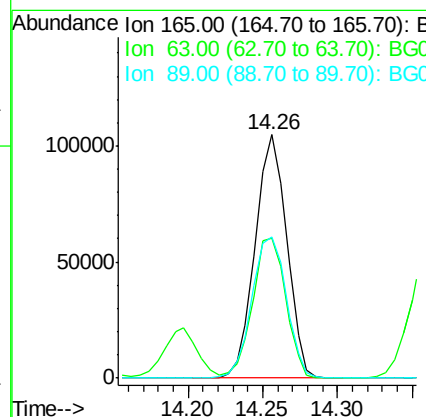
Sohil

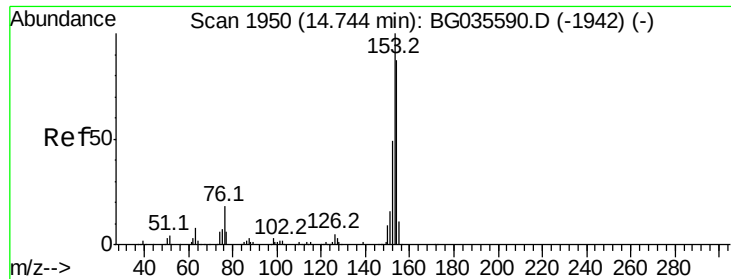
7/17/2018 4:57:18 PM



#50
2,6-Dinitrotoluene
Concen: 49.516 ng
RT: 14.26 min Scan# 1867
Delta R.T. 0.01 min
Lab File: BG035673.D
Acq: 16 Jul 2018 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	57.2	52.7	79.1	
89	57.9	49.2	73.8	





#51

Acenaphthene

Concen: 42.199 ng

RT: 14.74 min Scan# 1950

Delta R.T. 0.00 min

Lab File: BG035673.D

Acq: 16 Jul 2018 17:17

Instrument :

BNA_G

ClientSampleId :

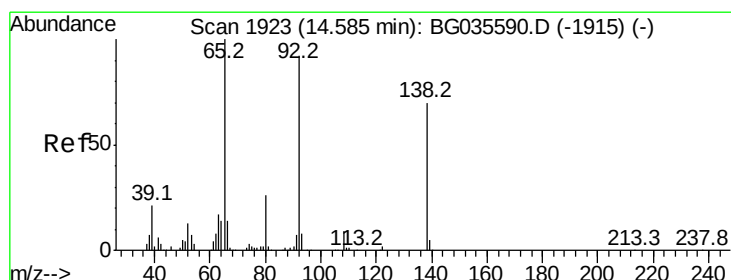
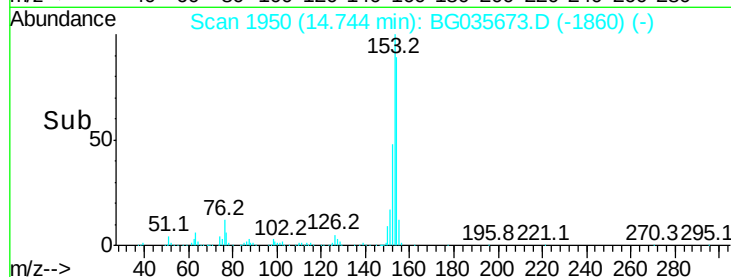
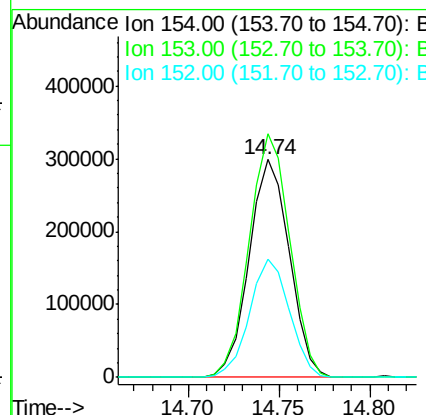
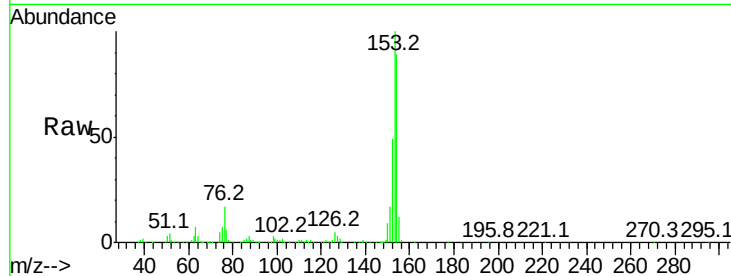
AOC7-BTM-6-6.5MS

Tot Ion:	154	Resp:	461325
Ion Ratio	Lower	Upper	
154	100		
153	111.9	90.4	135.6
152	54.4	41.6	62.4

Manual Integrations
APPROVED

Sohil

7/17/2018 4:57:18 PM



#52

3-Nitroaniline

Concen: 38.918 ng

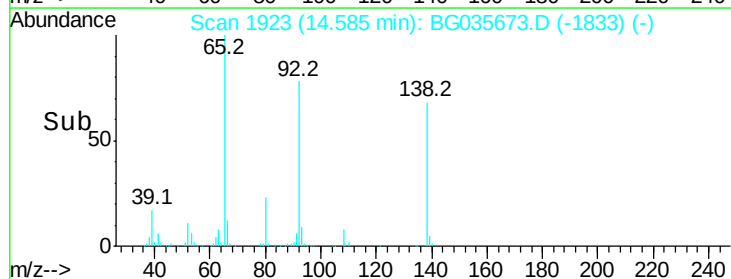
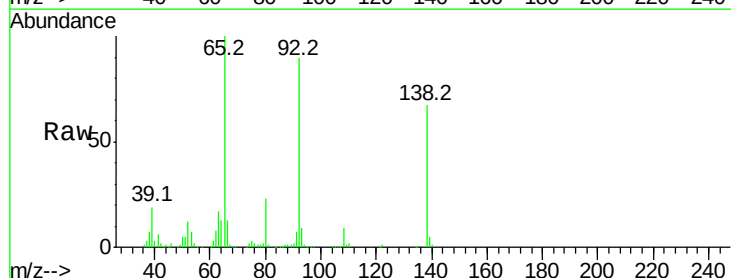
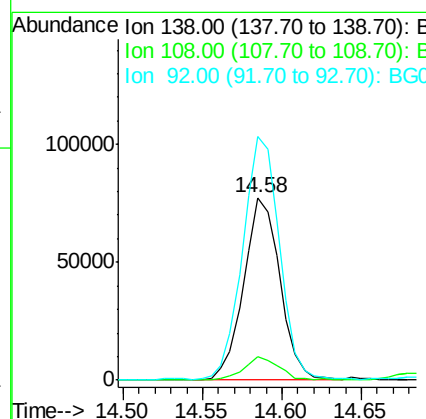
RT: 14.58 min Scan# 1923

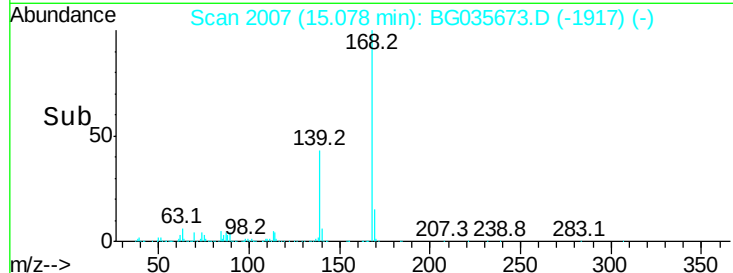
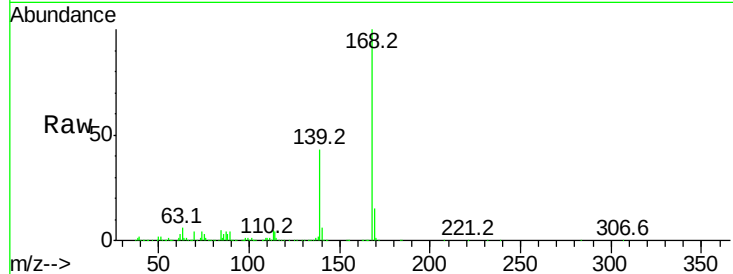
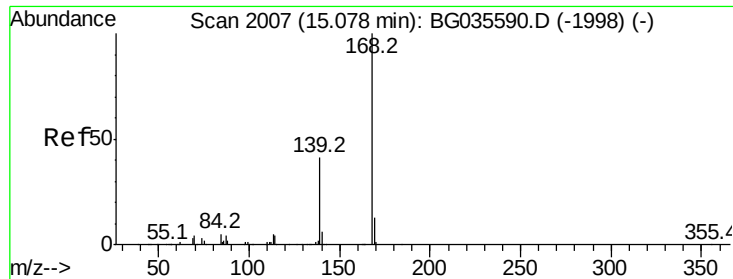
Delta R.T. 0.00 min

Lab File: BG035673.D

Acq: 16 Jul 2018 17:17

Tgt Ion:	138	Resp:	123289
Ion Ratio	Lower	Upper	
138	100		
108	12.8	17.5	26.3#
92	133.6	105.8	158.8





#54
Dibenzofuran
Concen: 43.975 ng
RT: 15.08 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BG035673.D
Acq: 16 Jul 2018 17:17

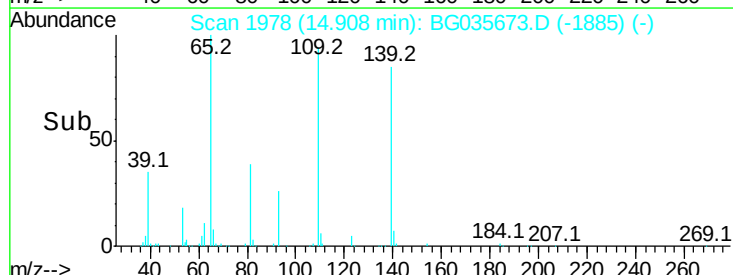
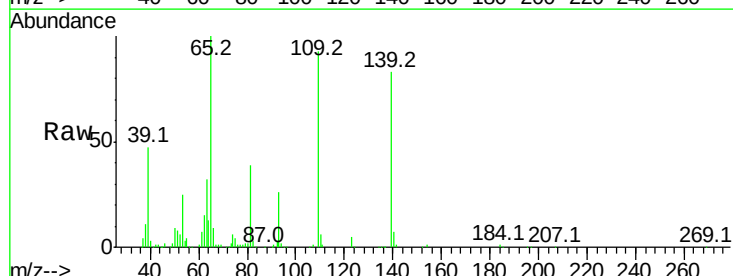
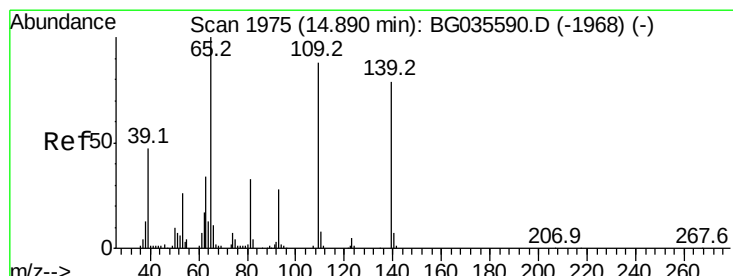
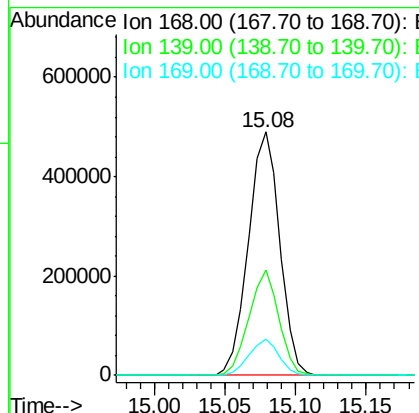
Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	43.1	28.6	43.0#	
169	15.0	11.2	16.8	

Instrument :
BNA_G
ClientSampleId :
AOC7-BTM-6-6.5MS

Manual Integrations
APPROVED

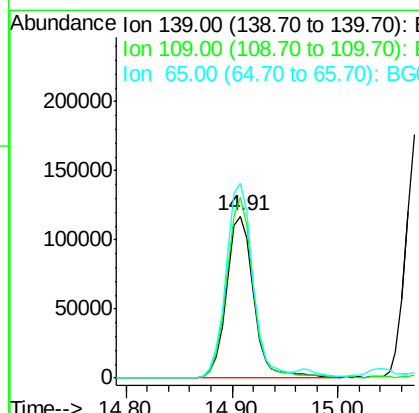
Sohil

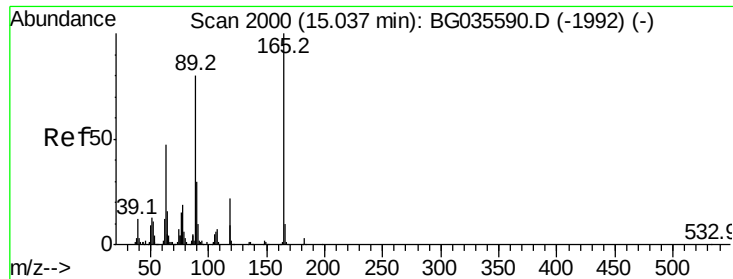
7/17/2018 4:57:18 PM



#55
4-Nitrophenol
Concen: 92.798 ng
RT: 14.91 min Scan# 1978
Delta R.T. 0.02 min
Lab File: BG035673.D
Acq: 16 Jul 2018 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	111.8	62.2	102.2#	
65	120.6	97.2	137.2	





#56
2,4-Dinitrotoluene
Concen: 48.827 ng
RT: 15.04 min Scan# 2001
Delta R.T. 0.01 min
Lab File: BG035673.D
Acq: 16 Jul 2018 17:17

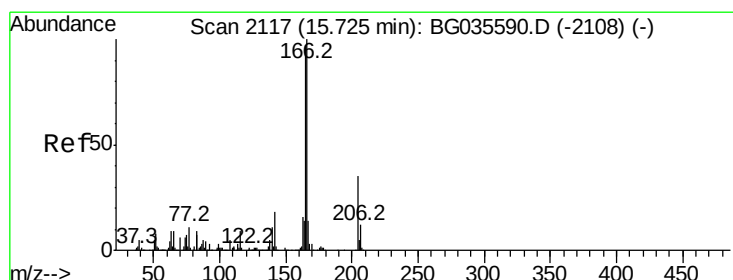
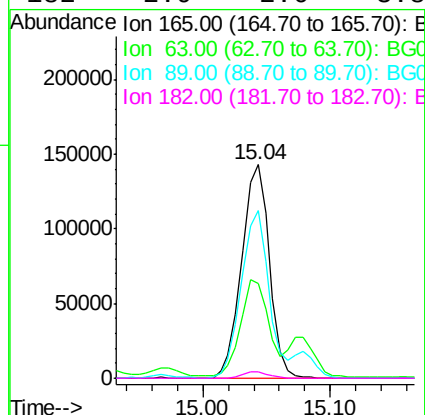
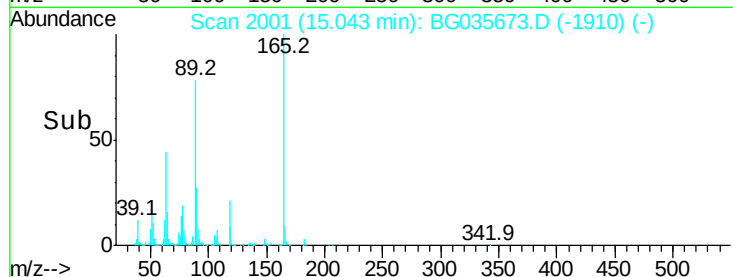
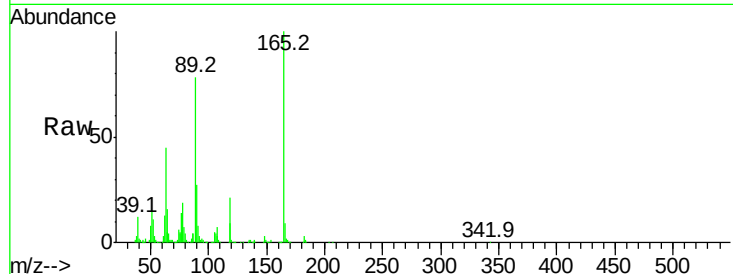
Instrument :
BNA_G
ClientSampleId :
AOC7-BTM-6-6.5MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		217114		
63	44.5	42.0	63.0		
89	78.5	66.9	100.3		
182	2.9	2.6	3.8		

Manual Integrations
APPROVED

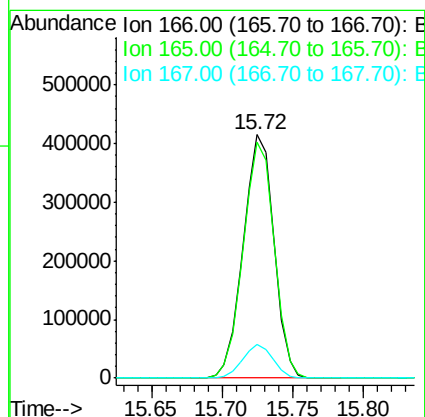
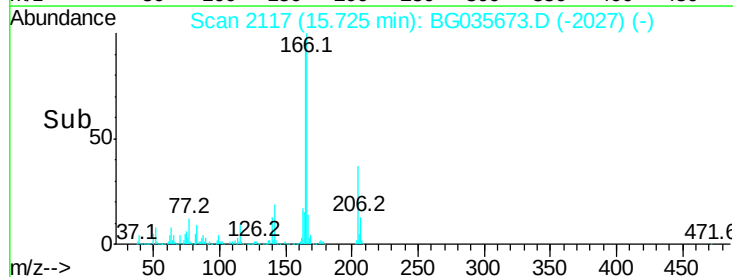
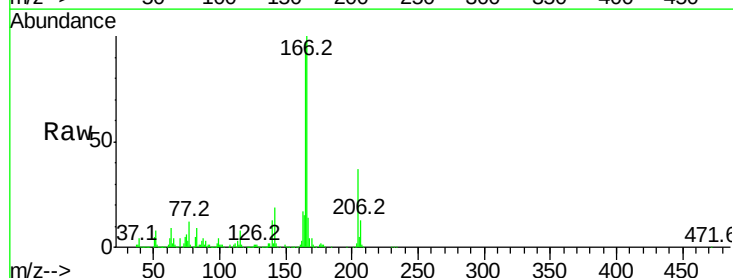
Sohil

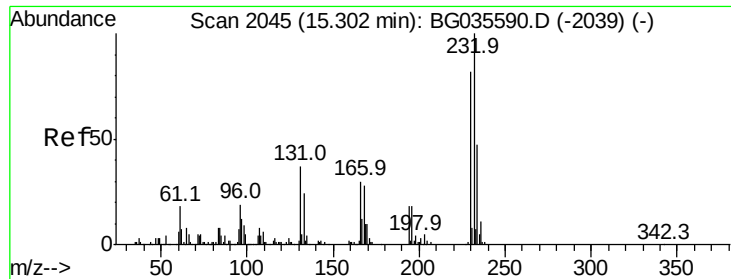
7/17/2018 4:57:18 PM



#57
Fluorene
Concen: 43.429 ng
RT: 15.72 min Scan# 2117
Delta R.T. 0.00 min
Lab File: BG035673.D
Acq: 16 Jul 2018 17:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		632853		
165	96.7	80.6	121.0		
167	13.8	10.4	15.6		





#58
2,3,4,6-Tetrachlorophenol
Concen: 48.618 ng
RT: 15.31 min Scan# 2046
Delta R.T. 0.01 min
Lab File: BG035673.D
Acq: 16 Jul 2018 17:17

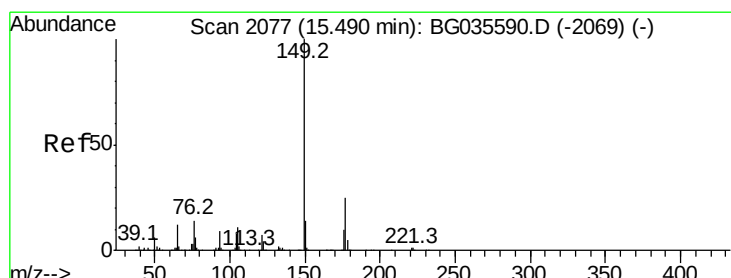
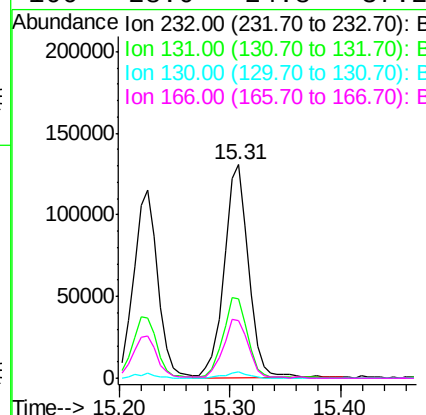
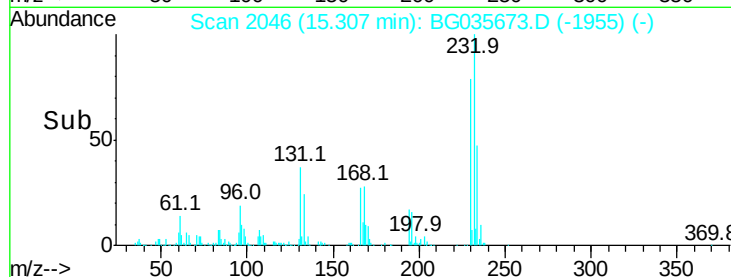
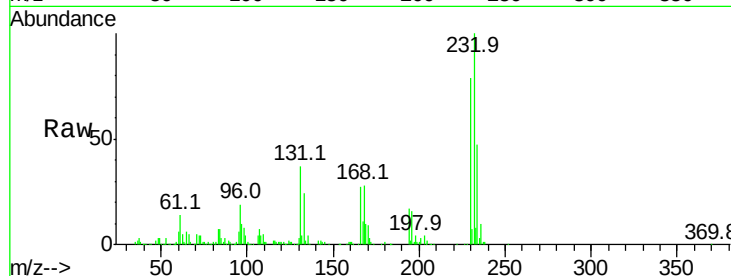
Instrument :
BNA_G
ClientSampleId :
AOC7-BTM-6-6.5MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	199959		
131	38.3		33.5	50.3
130	2.8		2.2	3.2
166	28.0		24.8	37.2

Manual Integrations
APPROVED

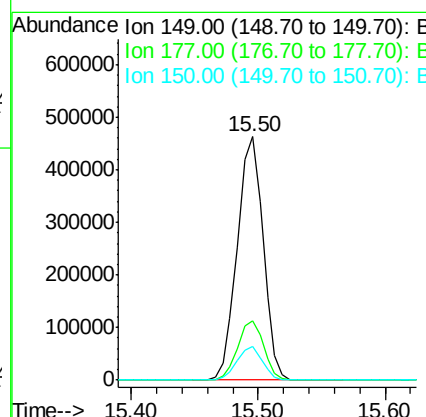
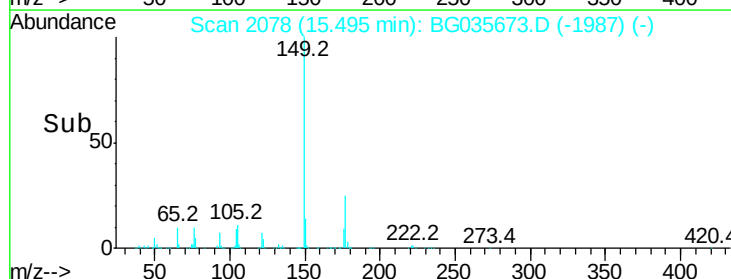
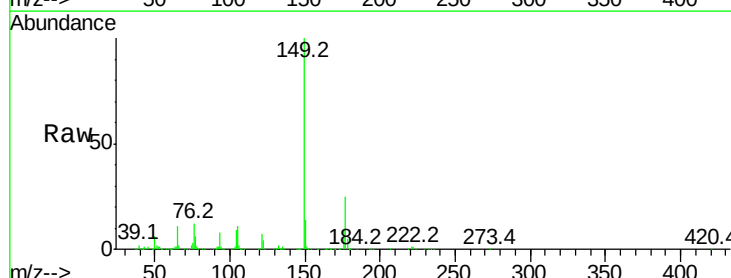
Sohil

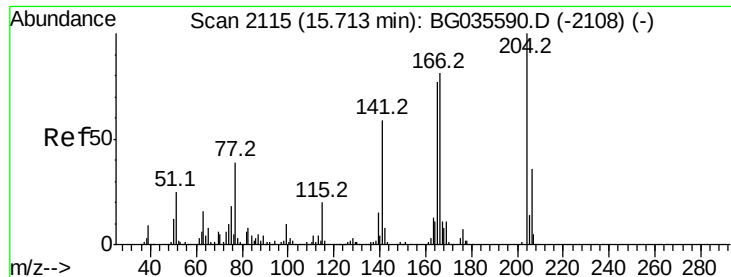
7/17/2018 4:57:18 PM



#59
Diethylphthalate
Concen: 41.654 ng
RT: 15.50 min Scan# 2078
Delta R.T. 0.01 min
Lab File: BG035673.D
Acq: 16 Jul 2018 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	651922		
177	24.6		18.5	27.7
150	13.8		10.2	15.2





#60
4-Chlorophenyl-phenylether
Concen: 42.695 ng
RT: 15.71 min Scan# 2115
Delta R.T. 0.00 min
Lab File: BG035673.D
Acq: 16 Jul 2018 17:17

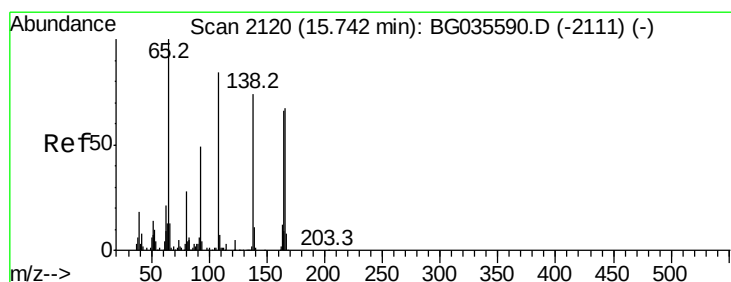
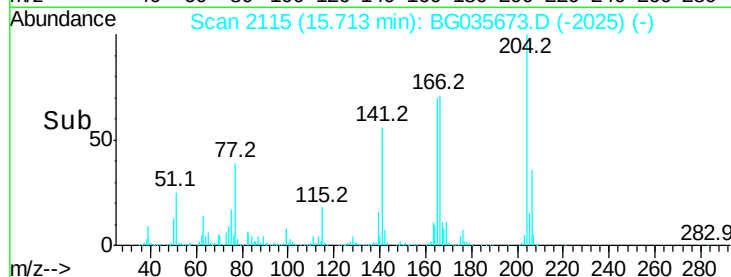
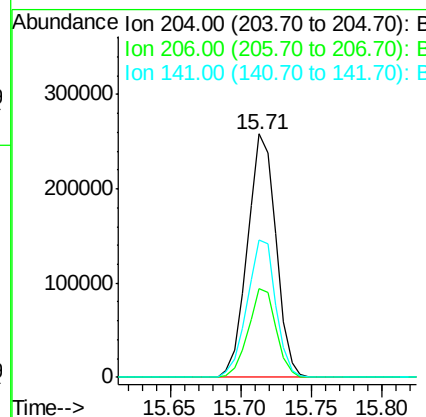
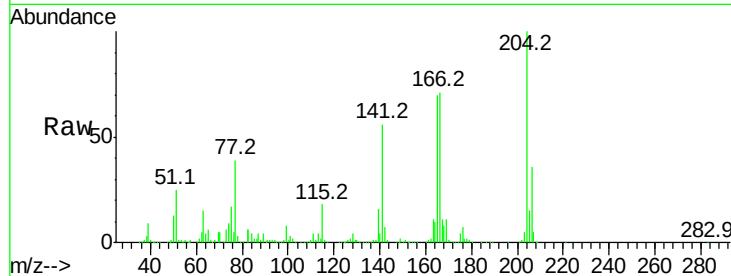
Instrument :
BNA_G
ClientSampleId :
AOC7-BTM-6-6.5MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	36.3	26.2	39.2
141	56.3	45.8	68.6

Manual Integrations
APPROVED

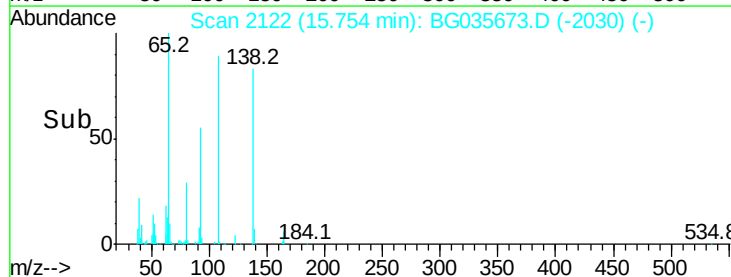
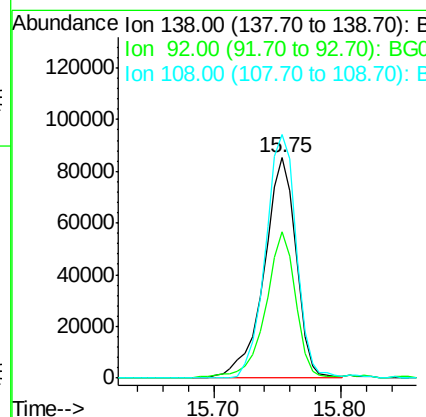
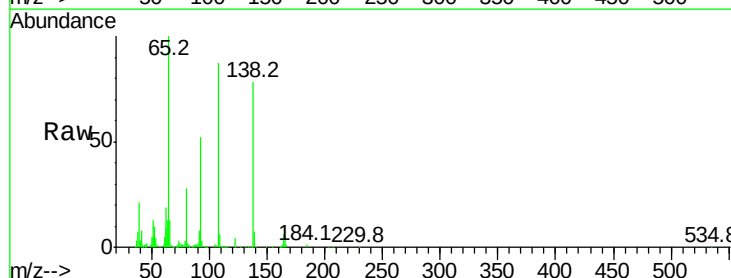
Sohil

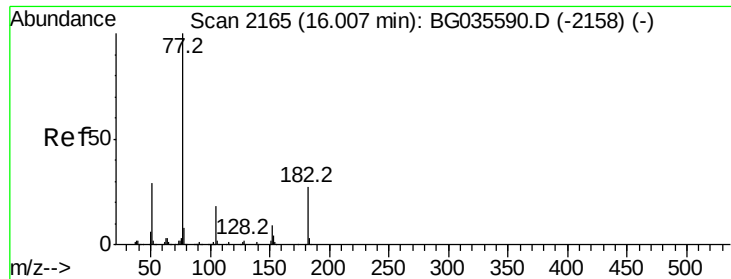
7/17/2018 4:57:18 PM



#61
4-Nitroaniline
Concen: 45.032 ng
RT: 15.75 min Scan# 2122
Delta R.T. 0.01 min
Lab File: BG035673.D
Acq: 16 Jul 2018 17:17

Tgt Ion	Ratio	Lower	Upper
138	100		
92	66.7	40.1	80.1
108	110.6	65.4	105.4





#62
Azobenzene
Concen: 44.219 ng
RT: 16.01 min Scan# 2165
Delta R.T. 0.00 min
Lab File: BG035673.D
Acq: 16 Jul 2018 17:17

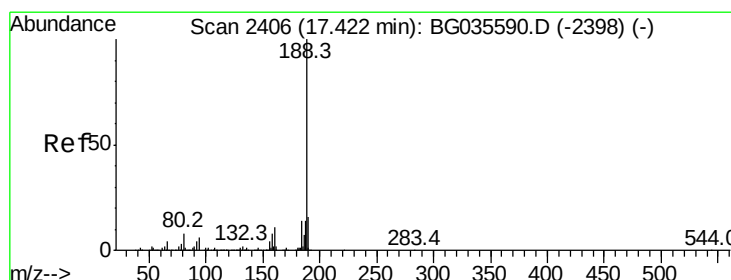
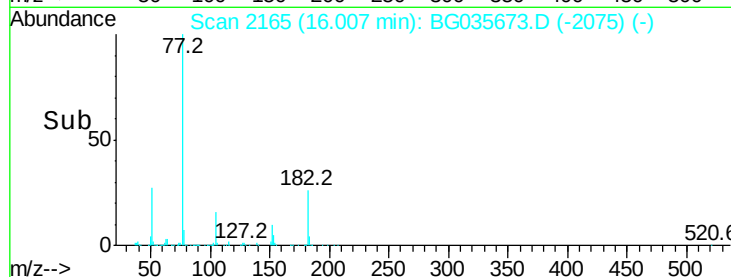
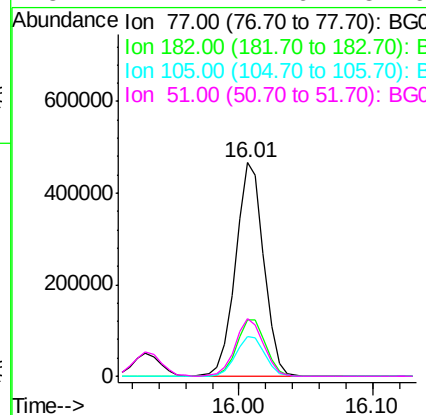
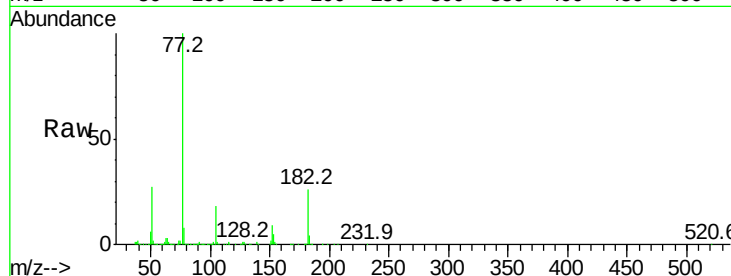
Instrument :
BNA_G
ClientSampleId :
AOC7-BTM-6-6.5MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		682638		
182	26.1	7.4	47.4		
105	18.3	0.3	40.3		
51	27.1	11.6	51.6		

Manual Integrations
APPROVED

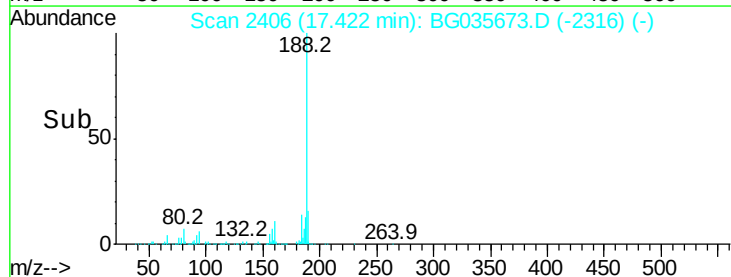
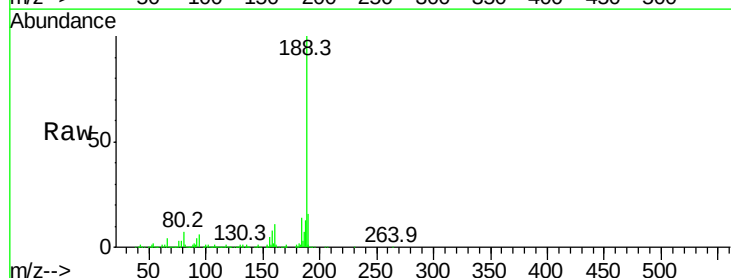
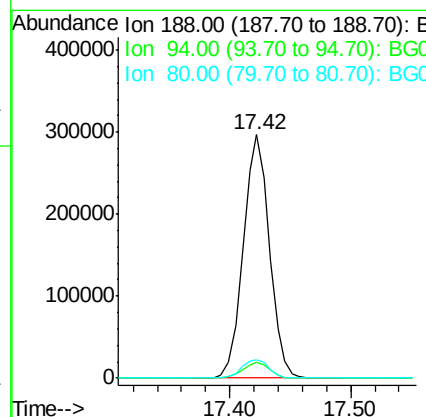
Sohil

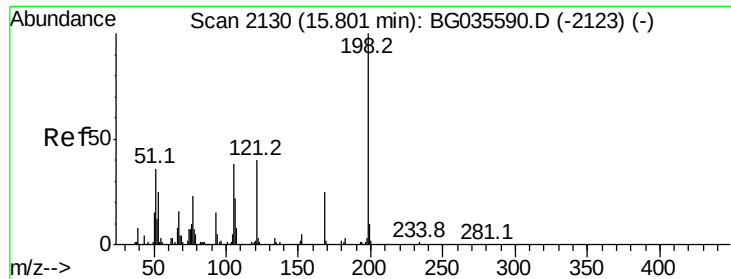
7/17/2018 4:57:18 PM



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. 0.00 min
Lab File: BG035673.D
Acq: 16 Jul 2018 17:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		445765		
94	6.3	6.9	10.3#		
80	7.5	7.7	11.5#		





#64
4,6-Dinitro-2-methylphenol
Concen: 23.516 ng
RT: 15.81 min Scan# 2131
Delta R.T. 0.01 min
Lab File: BG035673.D
Acq: 16 Jul 2018 17:17

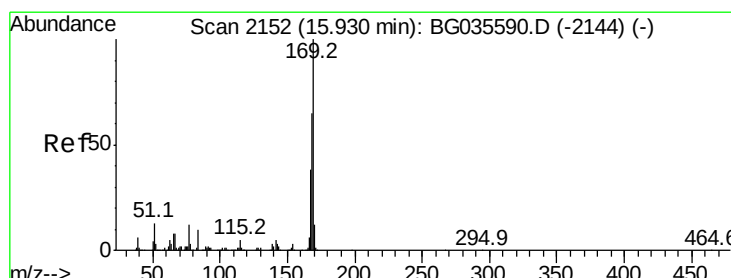
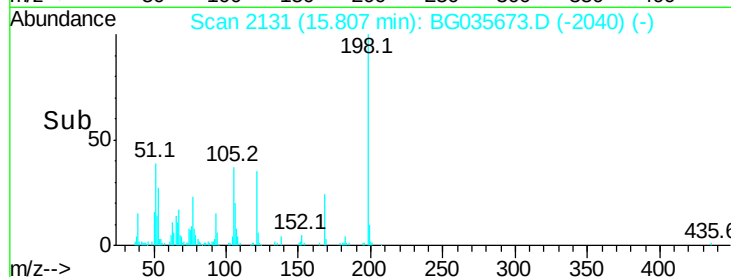
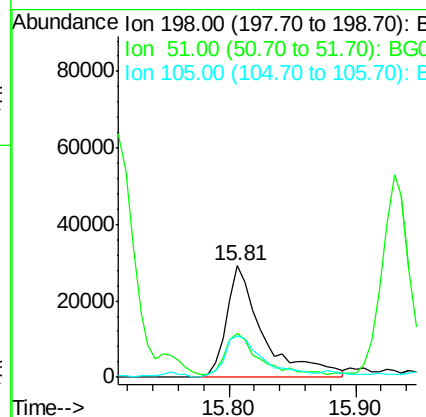
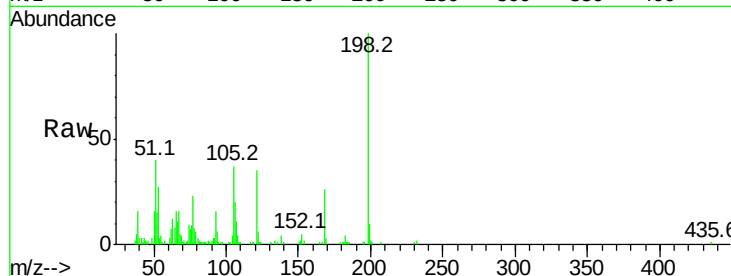
Instrument :
BNA_G
ClientSampleId :
AOC7-BTM-6-6.5MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	39.7	30.6	70.6
105	37.1	23.8	63.8

Manual Integrations
APPROVED

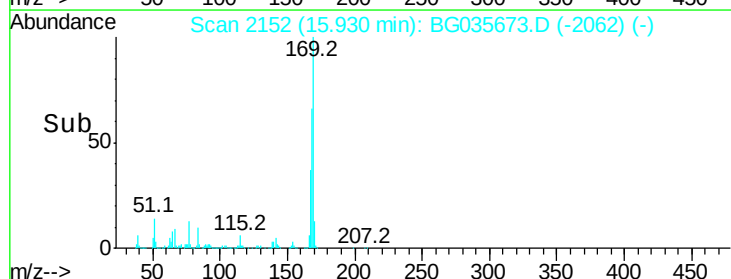
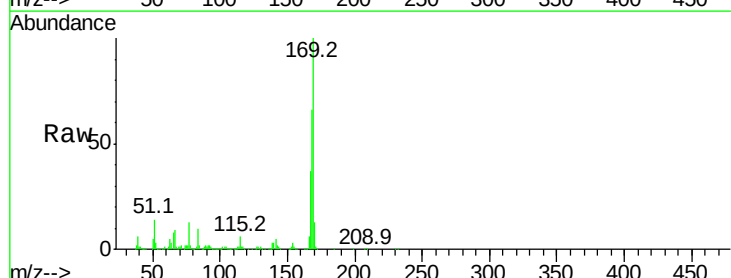
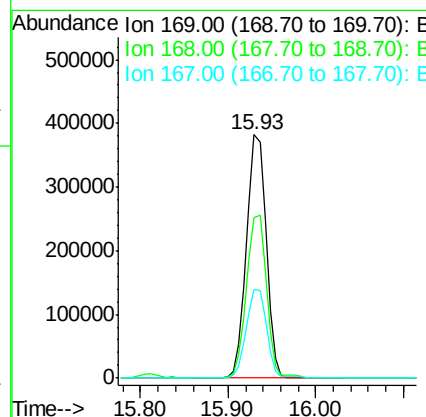
Sohil

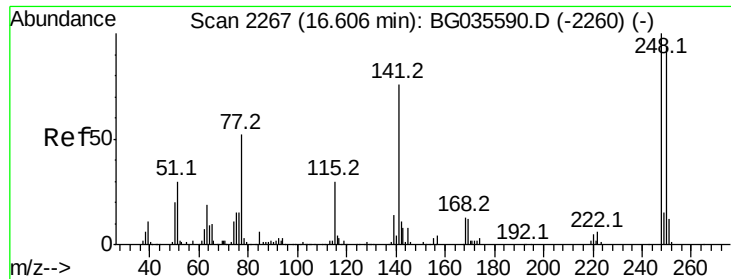
7/17/2018 4:57:18 PM



#65
n-Nitrosodiphenylamine
Concen: 45.226 ng
RT: 15.93 min Scan# 2152
Delta R.T. 0.00 min
Lab File: BG035673.D
Acq: 16 Jul 2018 17:17

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.1	55.7	83.5
167	36.7	30.1	45.1





#66
4-Bromophenyl-phenylether
Concen: 48.029 ng
RT: 16.61 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BG035673.D
Acq: 16 Jul 2018 17:17

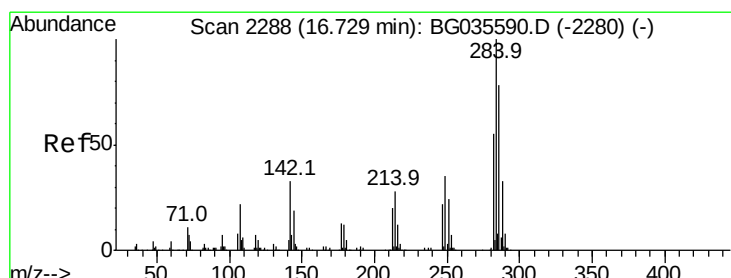
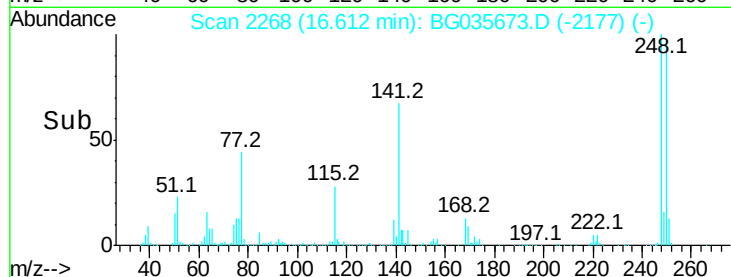
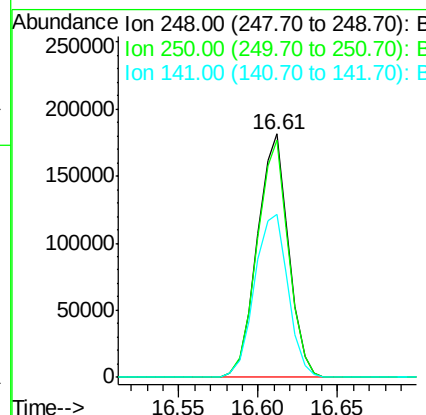
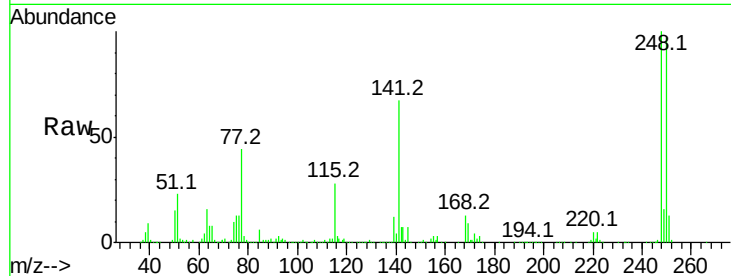
Instrument :
BNA_G
ClientSampleId :
AOC7-BTM-6-6.5MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	77.1	115.7
141	67.2	50.8	76.2

Manual Integrations
APPROVED

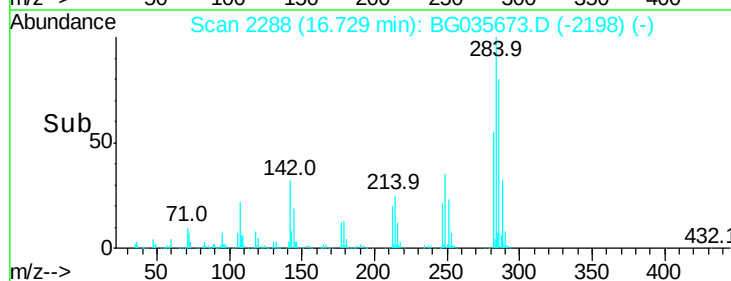
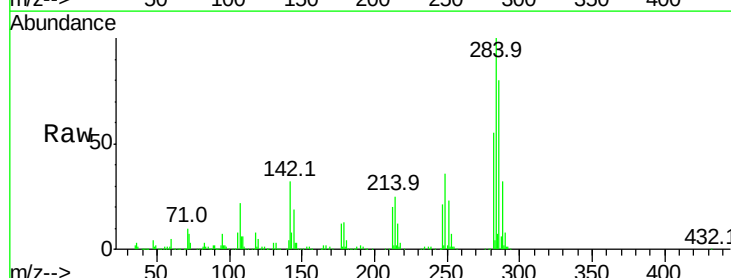
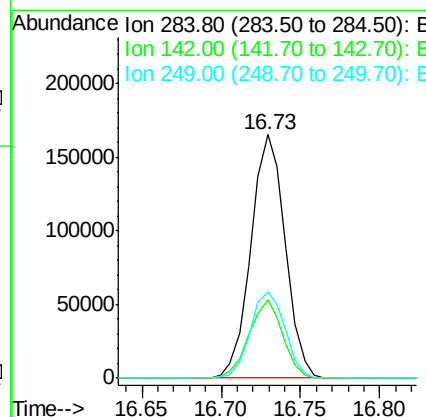
Sohil

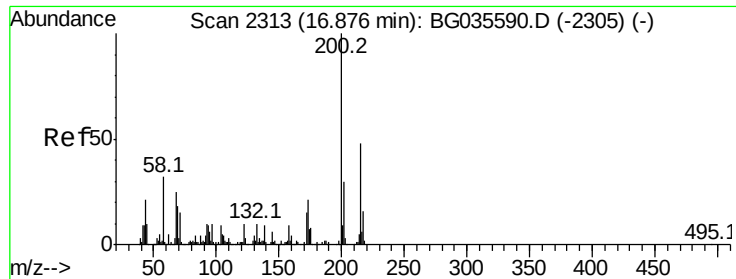
7/17/2018 4:57:18 PM



#67
Hexachlorobenzene
Concen: 46.518 ng
RT: 16.73 min Scan# 2288
Delta R.T. 0.00 min
Lab File: BG035673.D
Acq: 16 Jul 2018 17:17

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.0	26.8	40.2
249	35.7	26.3	39.5





#68
Atrazine
Concen: 48.096 ng
RT: 16.88 min Scan# 2313
Delta R.T. 0.00 min
Lab File: BG035673.D
Acq: 16 Jul 2018 17:17

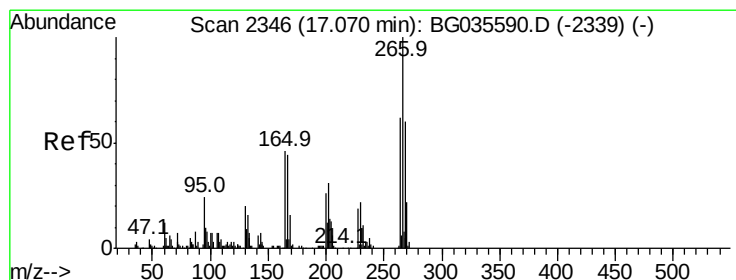
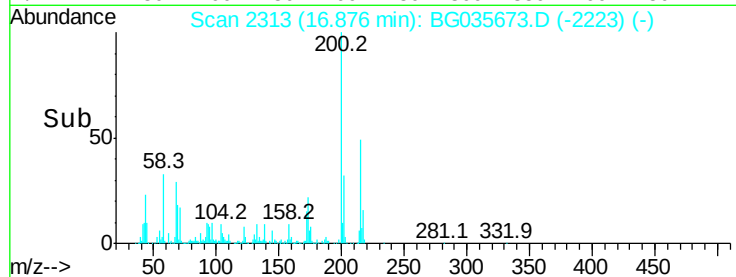
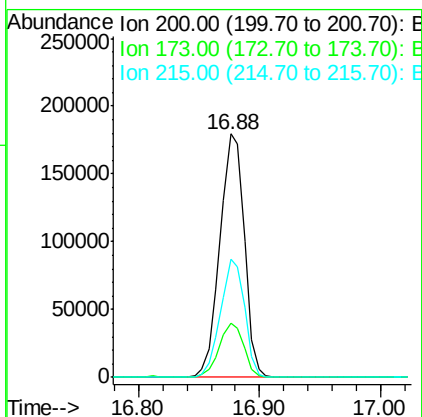
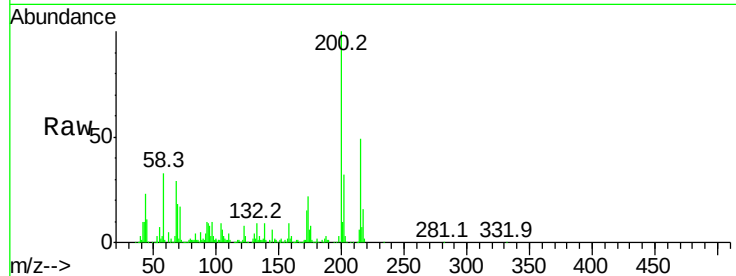
Instrument :
BNA_G
ClientSampleId :
AOC7-BTM-6-5MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	22.1	5.2	45.2	
215	48.5	30.4	70.4	

Manual Integrations
APPROVED

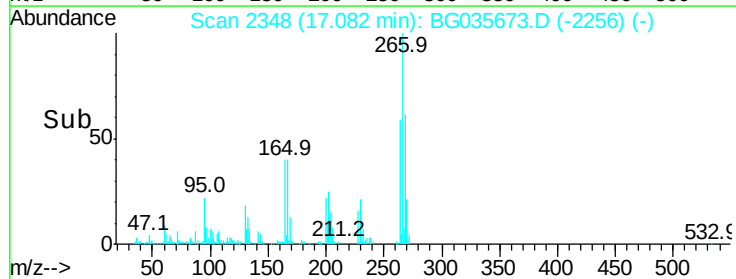
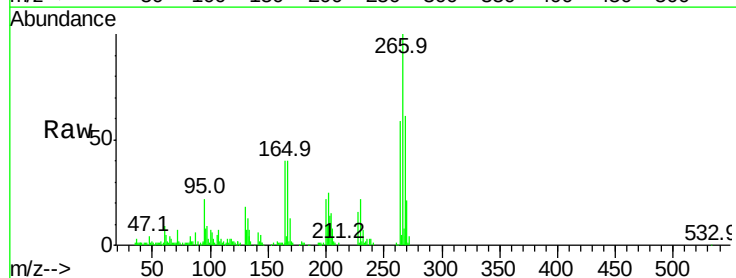
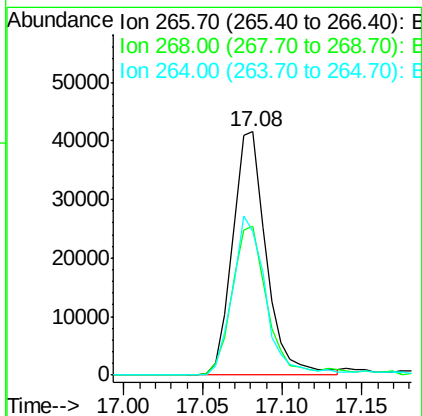
Sohil

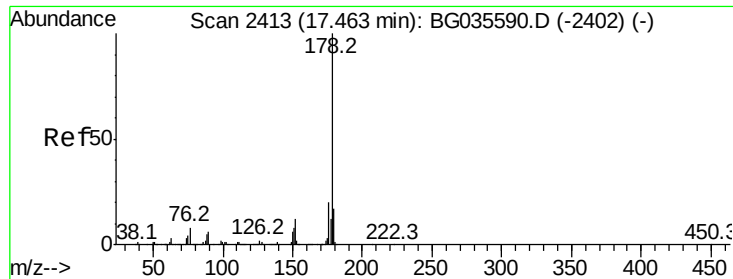
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#69
Pentachlorophenol
Concen: 18.902 ng
RT: 17.08 min Scan# 2348
Delta R.T. 0.01 min
Lab File: BG035673.D
Acq: 16 Jul 2018 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	60.9	51.1	76.7	
264	59.0	49.6	74.4	





#70
Phenanthrene
Concen: 43.766 ng
RT: 17.46 min Scan# 2413
Delta R.T. 0.00 min
Lab File: BG035673.D
Acq: 16 Jul 2018 17:17

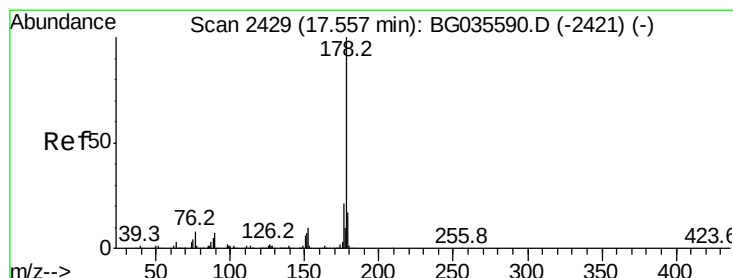
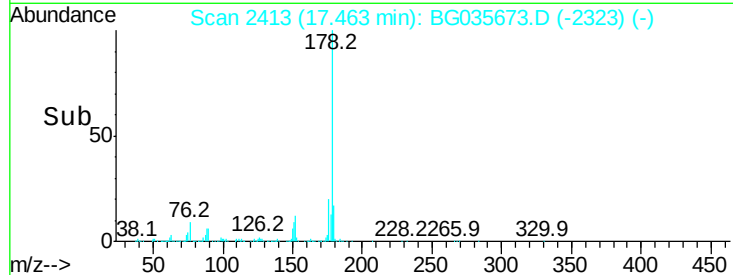
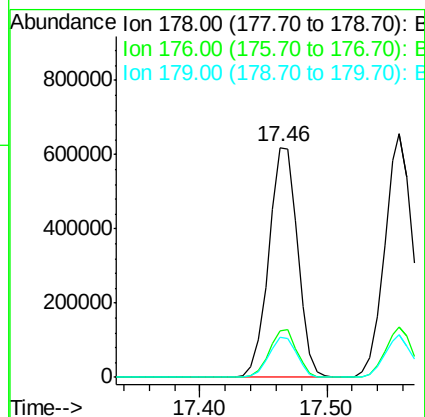
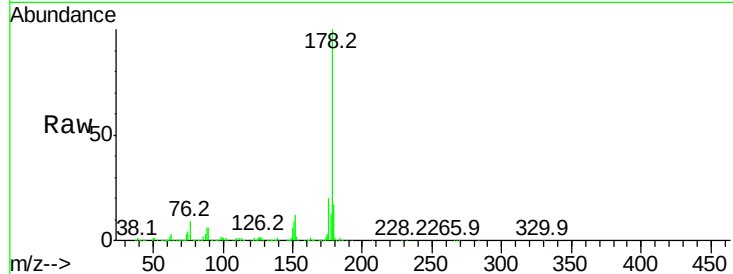
Instrument :
BNA_G
ClientSampleId :
AOC7-BTM-6-5MS

Tot Ion:178	Resp:	973487
Ion Ratio	Lower	Upper
178	100	
176	20.4	15.7 23.5
179	17.3	12.5 18.7

Manual Integrations
APPROVED

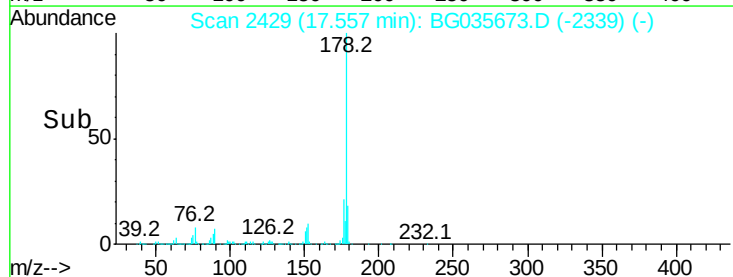
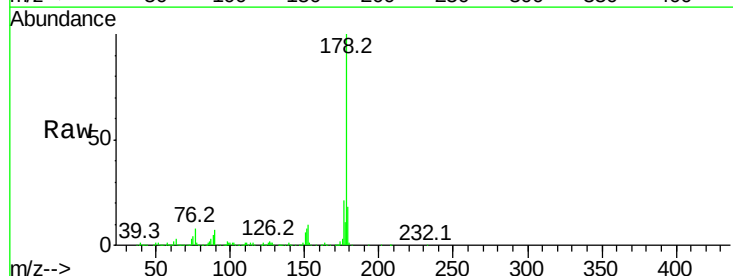
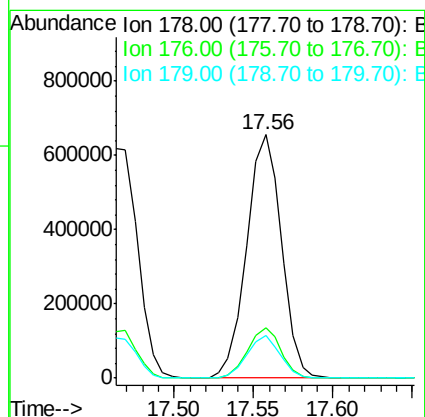
Sohil

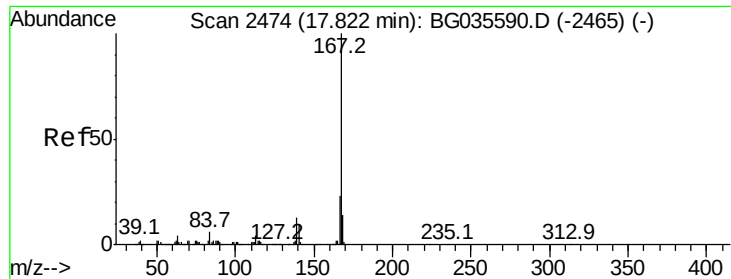
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#71
Anthracene
Concen: 44.942 ng
RT: 17.56 min Scan# 2429
Delta R.T. 0.00 min
Lab File: BG035673.D
Acq: 16 Jul 2018 17:17

Tgt Ion:178	Resp:	995378
Ion Ratio	Lower	Upper
178	100	
176	20.6	16.0 24.0
179	17.7	12.5 18.7





#72

Carbazole

Concen: 42.822 ng

RT: 17.83 min Scan# 2475

Delta R.T. 0.01 min

Lab File: BG035673.D

Acq: 16 Jul 2018 17:17

Instrument :

BNA_G

ClientSampleId :

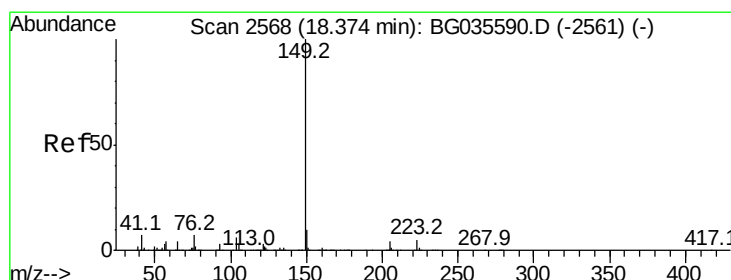
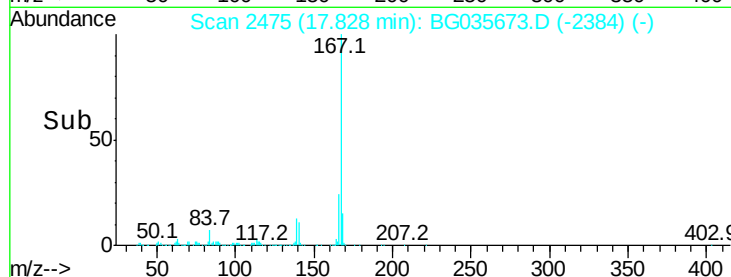
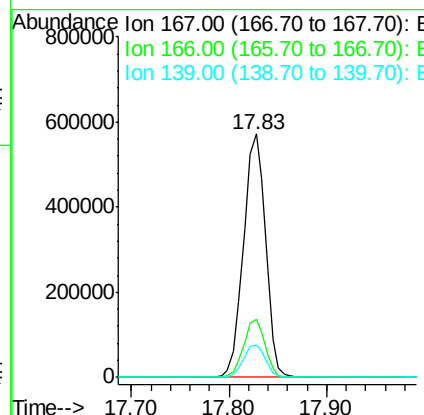
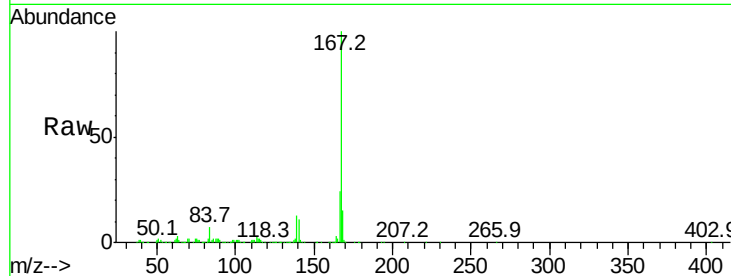
AOC7-BTM-6-5MS

Tot Ion:	167	Resp:	900694
Ion Ratio	Lower	Upper	
167	100		
166	23.8	18.2	27.4
139	13.4	9.4	14.2

Manual Integrations
APPROVED

Sohil

7/17/2018 4:57:18 PM



#73

Di-n-butylphthalate

Concen: 40.330 ng

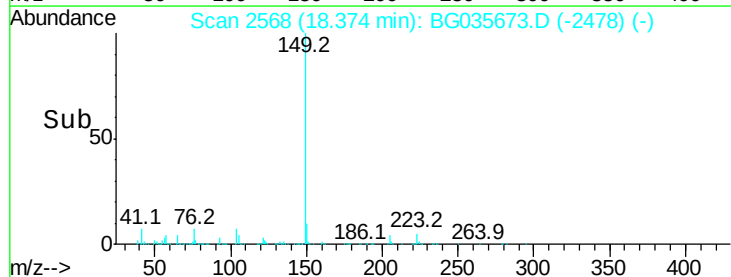
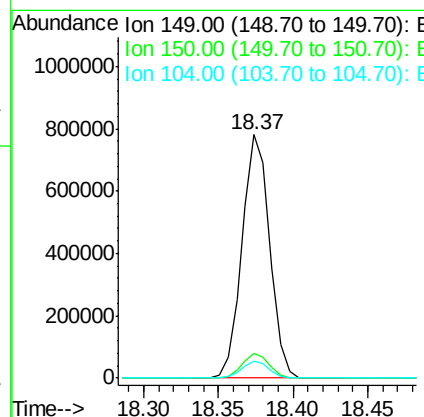
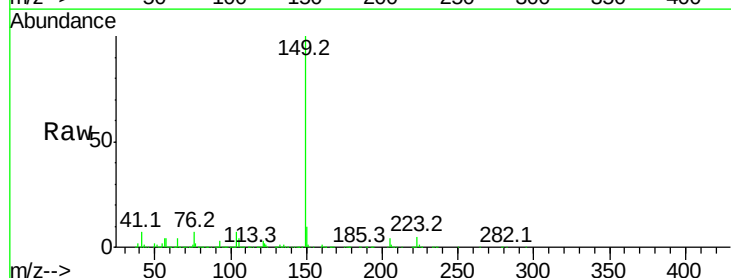
RT: 18.37 min Scan# 2568

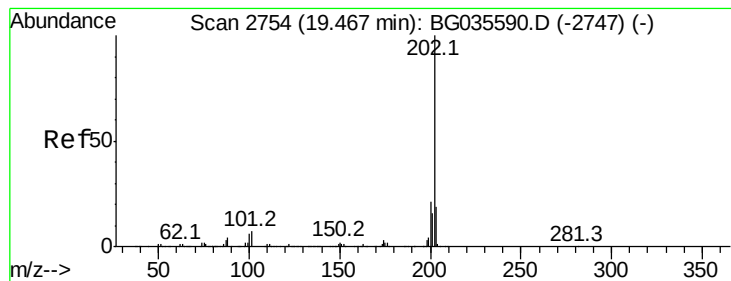
Delta R.T. 0.00 min

Lab File: BG035673.D

Acq: 16 Jul 2018 17:17

Tgt Ion:	149	Resp:	1002432
Ion Ratio	Lower	Upper	
149	100		
150	10.2	7.8	11.6
104	7.1	3.9	5.9





#74
 Fluoranthene
 Concen: 39.974 ng
 RT: 19.47 min Scan# 2755
 Delta R.T. 0.01 min
 Lab File: BG035673.D
 Acq: 16 Jul 2018 17:17

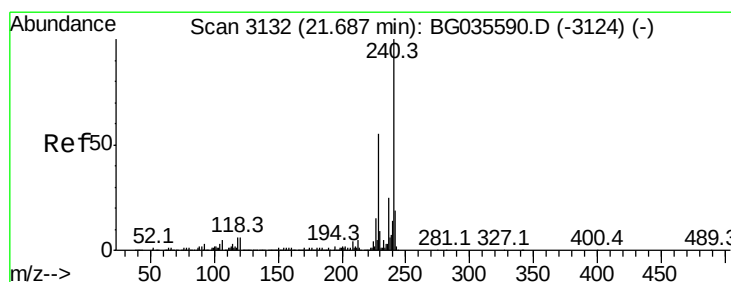
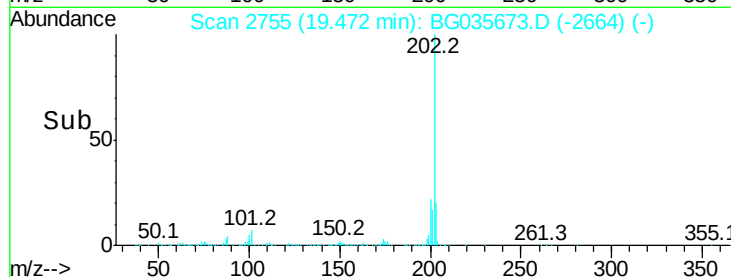
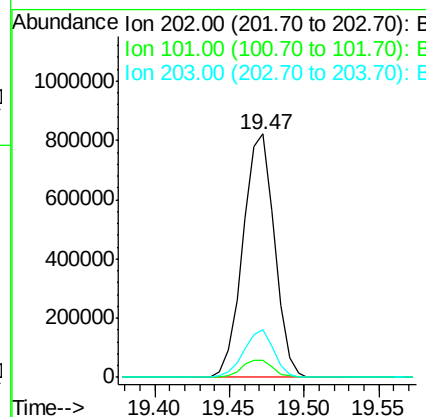
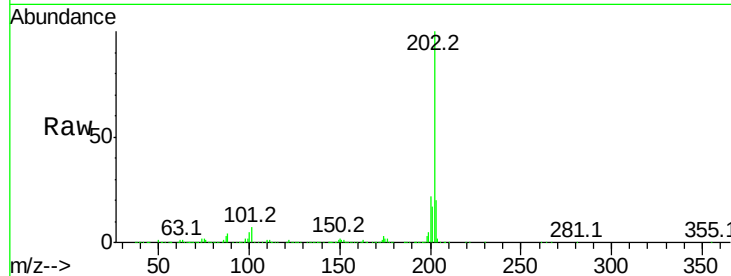
Instrument :
 BNA_G
 ClientSampleId :
 AOC7-BTM-6-6.5MS

Tot Ion:	202	Resp:	1197665
Ion Ratio	Lower	Upper	
202	100		
101	6.8	0.0	28.9
203	19.6	0.0	37.5

Manual Integrations
 APPROVED

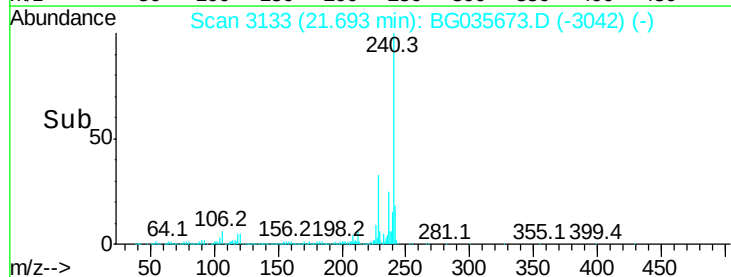
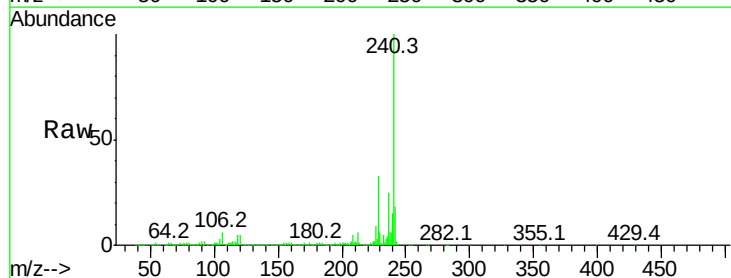
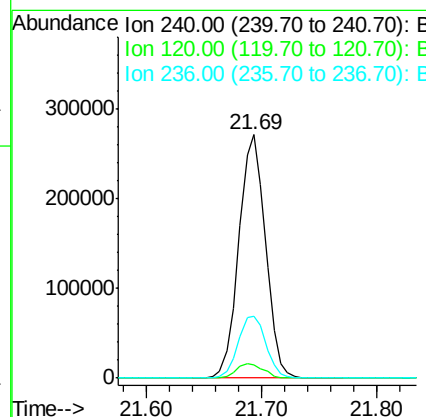
Sohil

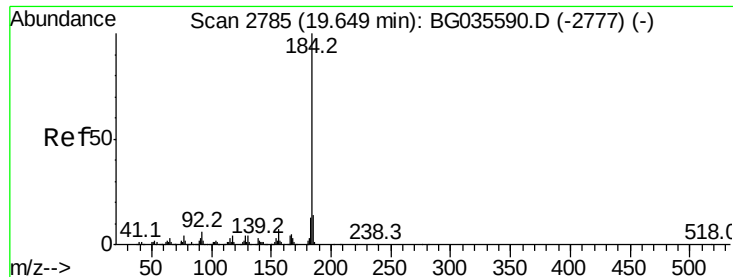
7/17/2018 4:57:18 PM



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3133
 Delta R.T. 0.01 min
 Lab File: BG035673.D
 Acq: 16 Jul 2018 17:17

Tgt Ion:	240	Resp:	432874
Ion Ratio	Lower	Upper	
240	100		
120	5.5	6.8	10.2#
236	25.4	20.9	31.3





#76

Benzidine

Concen: 50.966 ng

RT: 19.65 min Scan# 2785

Delta R.T. 0.00 min

Lab File: BG035673.D

Acq: 16 Jul 2018 17:17

Instrument :

BNA_G

ClientSampleId :

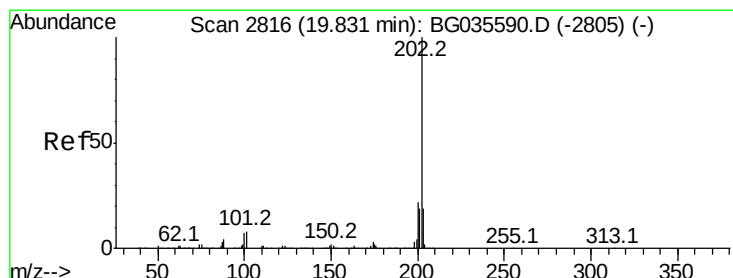
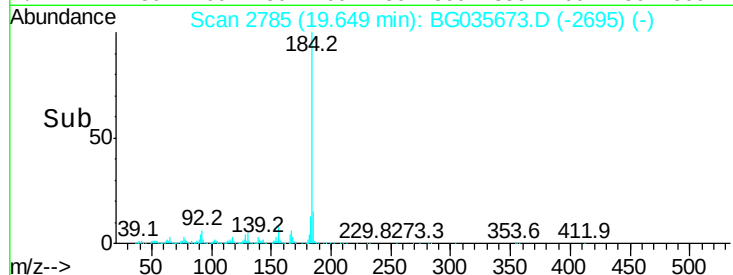
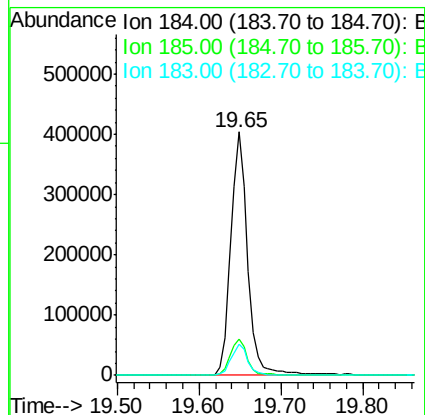
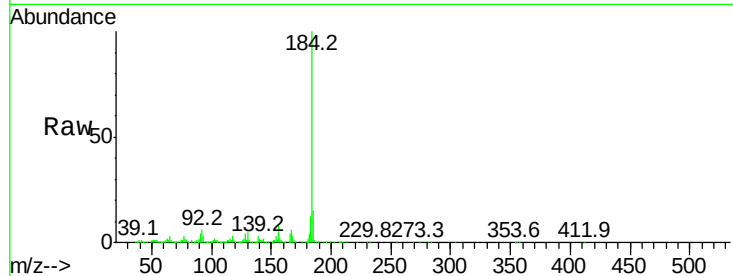
AOC7-BTM-6-6.5MS

Tot Ion:	184	Resp:	580011
Ion Ratio	Lower	Upper	
184	100		
185	14.9	11.1	16.7
183	12.7	10.6	16.0

Manual Integrations
APPROVED

Sohil

7/17/2018 4:57:18 PM



#77

Pyrene

Concen: 43.625 ng

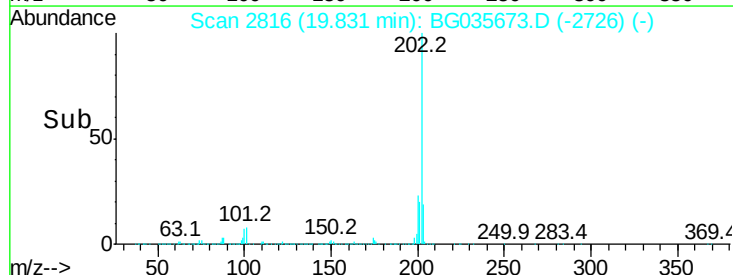
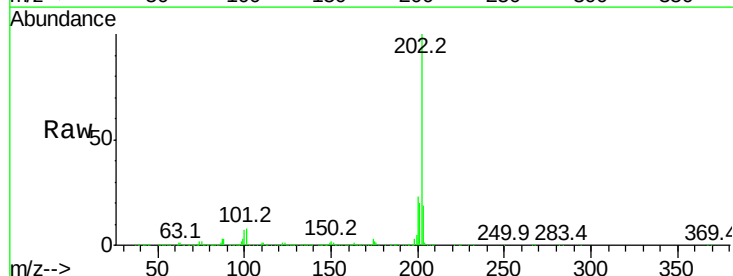
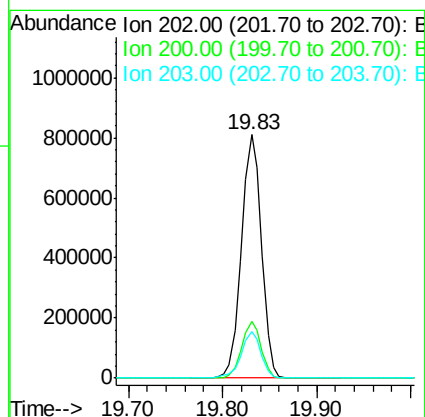
RT: 19.83 min Scan# 2816

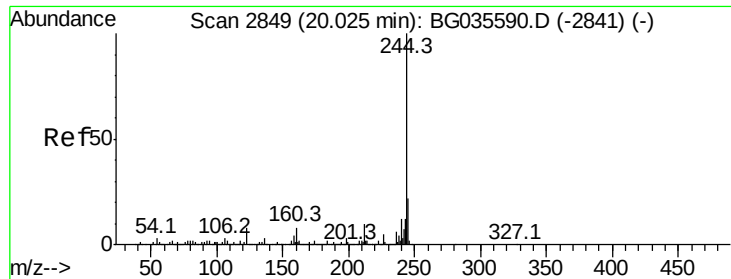
Delta R.T. 0.00 min

Lab File: BG035673.D

Acq: 16 Jul 2018 17:17

Tgt Ion:	202	Resp:	1194066
Ion Ratio	Lower	Upper	
202	100		
200	23.4	16.9	25.3
203	18.9	13.9	20.9





#78

Terphenyl-d14

Concen: 85.438 ng

RT: 20.02 min Scan# 2849

Delta R.T. 0.00 min

Lab File: BG035673.D

Acq: 16 Jul 2018 17:17

Instrument :
BNA_G
ClientSampleId :
AOC7-BTM-6-6.5MS

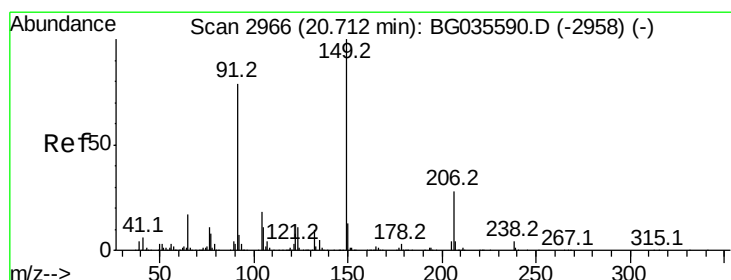
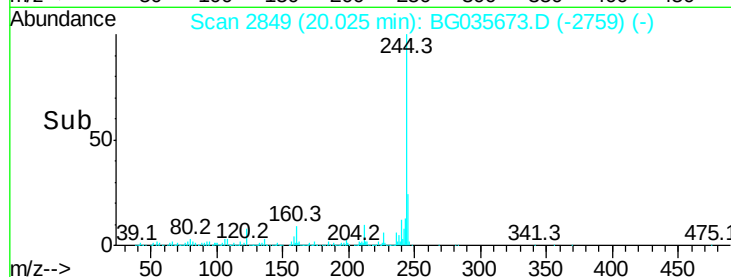
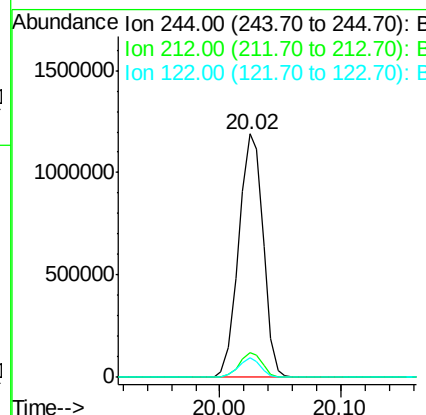
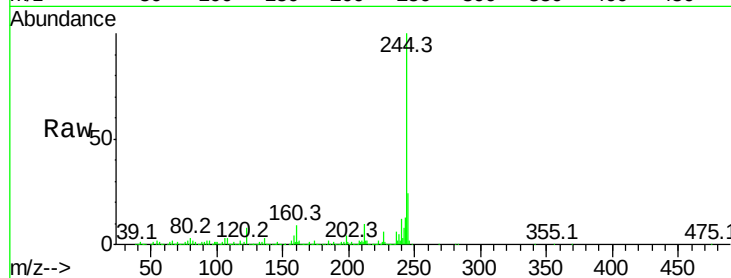
Tot Ion:244 Resp: 1677813

Ion	Ratio	Lower	Upper
244	100		
212	10.3	5.8	8.8#
122	8.0	7.0	10.4

Manual Integrations
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Sohil

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#79

Butylbenzylphthalate

Concen: 46.667 ng

RT: 20.71 min Scan# 2966

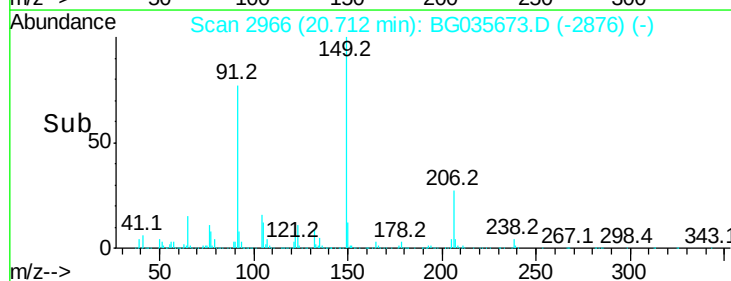
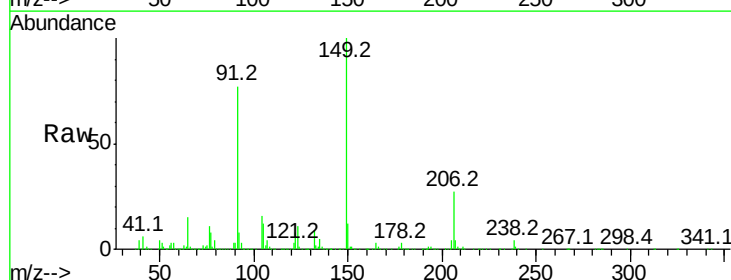
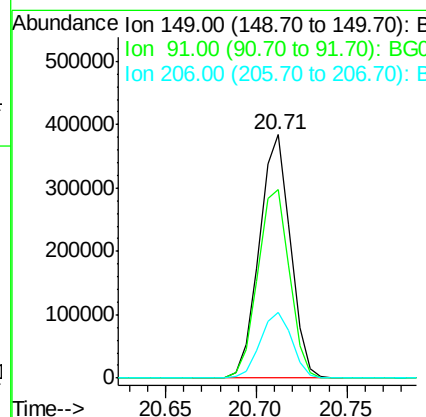
Delta R.T. 0.00 min

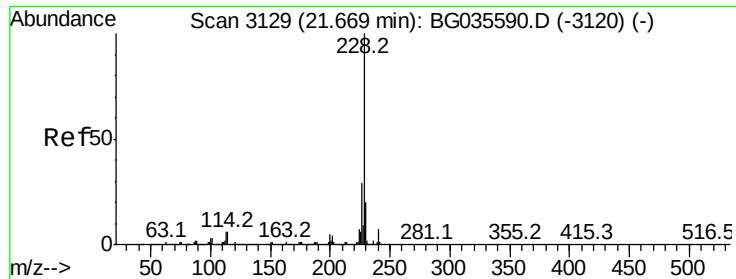
Lab File: BG035673.D

Acq: 16 Jul 2018 17:17

Tgt Ion:149 Resp: 456782

Ion	Ratio	Lower	Upper
149	100		
91	77.3	62.2	93.2
206	27.2	18.6	27.8





#80
Benzo(a)anthracene
Concen: 45.041 ng
RT: 21.67 min Scan# 3129
Delta R.T. 0.00 min
Lab File: BG035673.D
Acq: 16 Jul 2018 17:17

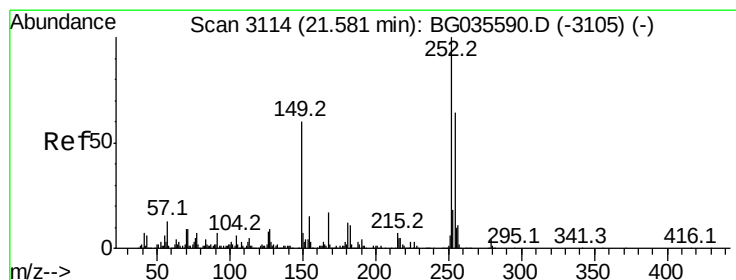
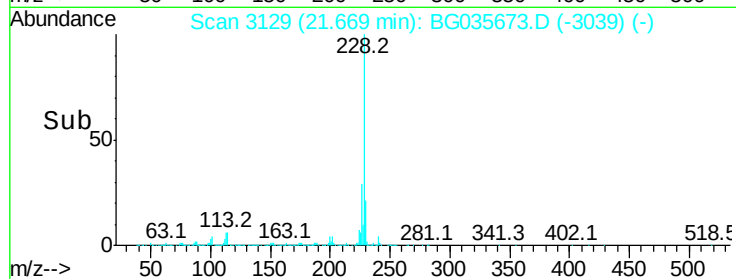
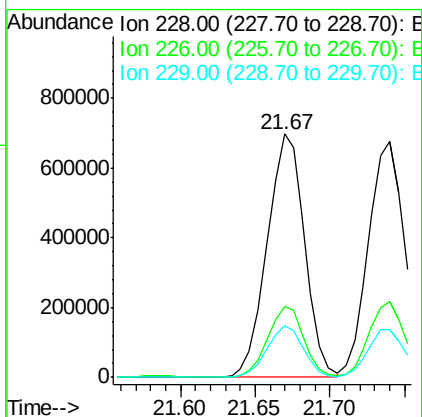
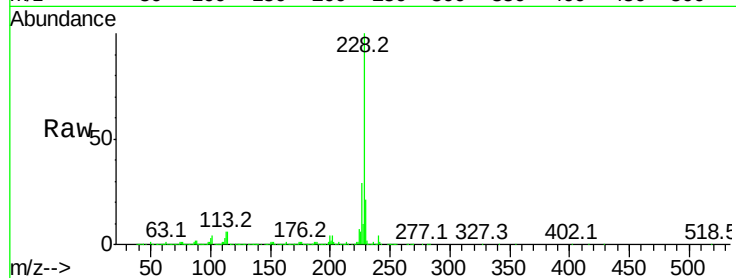
Instrument :
BNA_G
ClientSampleId :
AOC7-BTM-6-6.5MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.7	34.1
229	21.0	16.2	24.2

Manual Integrations
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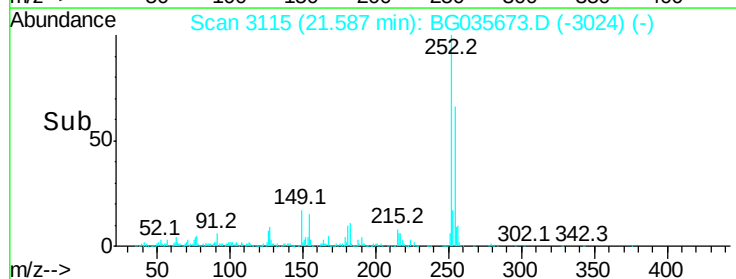
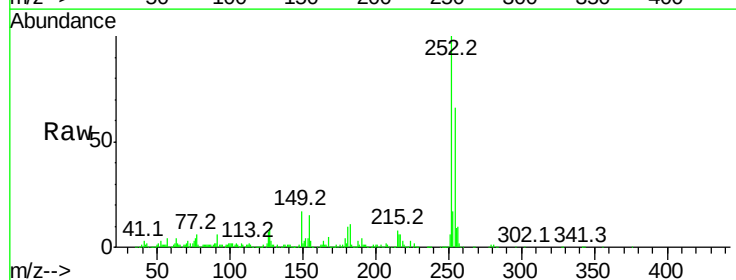
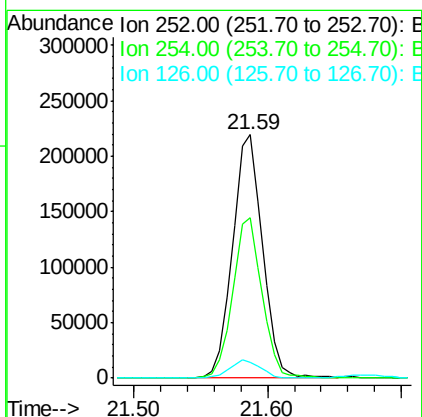
Sohil

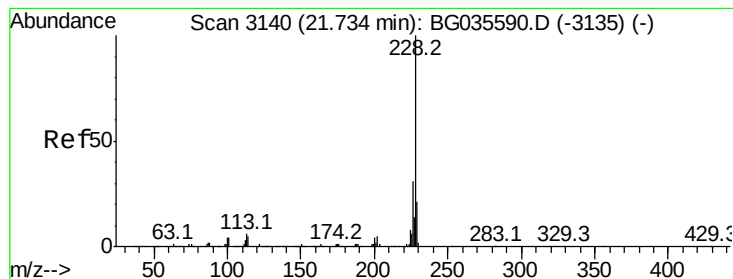
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#81
3,3'-Dichlorobenzidine
Concen: 36.278 ng
RT: 21.59 min Scan# 3115
Delta R.T. 0.01 min
Lab File: BG035673.D
Acq: 16 Jul 2018 17:17

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.0	50.8	76.2
126	6.7	7.4	11.2#





#82

Chrysene

Concen: 45.036 ng

RT: 21.74 min Scan# 3141

Delta R.T. 0.01 min

Lab File: BG035673.D

Acq: 16 Jul 2018 17:17

Instrument :

BNA_G

ClientSampleId :

AOC7-BTM-6-6.5MS

Tot Ion:228 Resp: 1125789

Ion Ratio Lower Upper

228 100

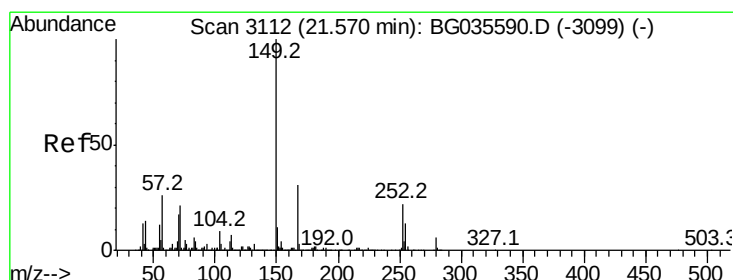
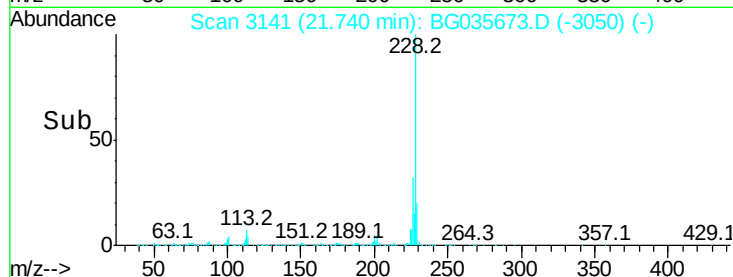
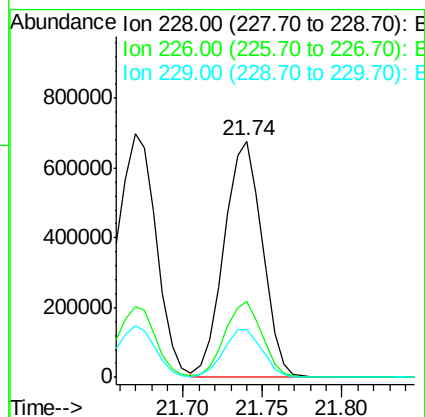
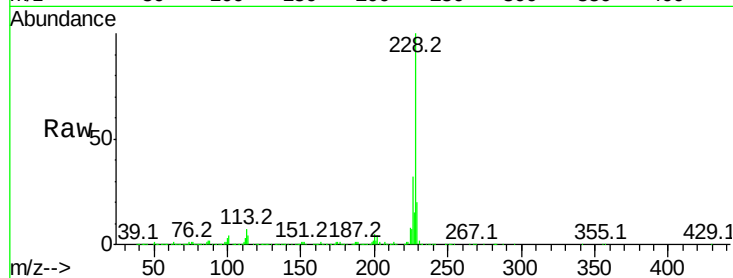
226 31.9 24.9 37.3

229 20.5 15.0 22.4

Manual Integrations
APPROVED

Sohil

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#83

Bis(2-ethylhexyl)phthalate

Concen: 46.625 ng

RT: 21.57 min Scan# 3112

Delta R.T. 0.00 min

Lab File: BG035673.D

Acq: 16 Jul 2018 17:17

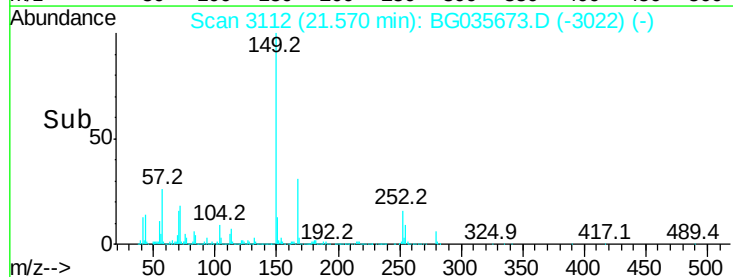
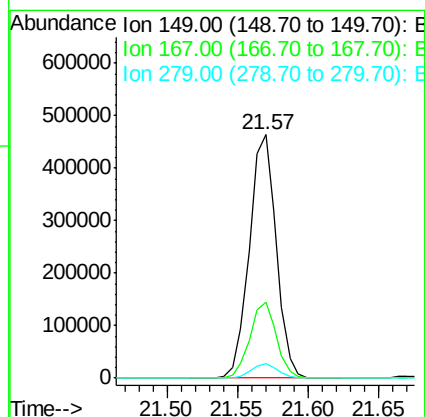
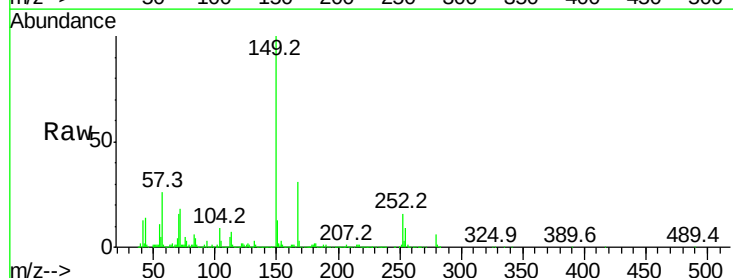
Tgt Ion:149 Resp: 620429

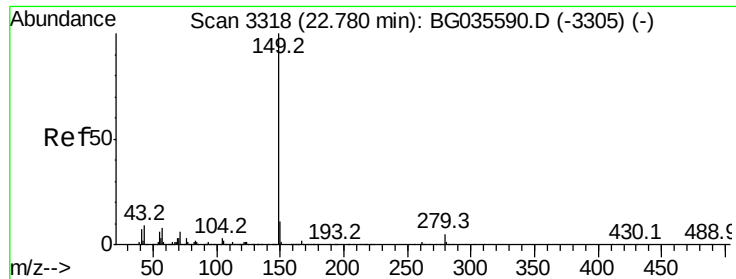
Ion Ratio Lower Upper

149 100

167 31.1 24.3 36.5

279 6.1 4.0 6.0#





#84

Di-n-octyl phthalate

Concen: 47.515 ng

RT: 22.78 min Scan# 3318

Delta R.T. 0.00 min

Lab File: BG035673.D

Acq: 16 Jul 2018 17:17

Instrument :

BNA_G

ClientSampleId :

AOC7-BTM-6-5MS

Tot Ion:149 Resp: 1058669

Ion Ratio Lower Upper

149 100

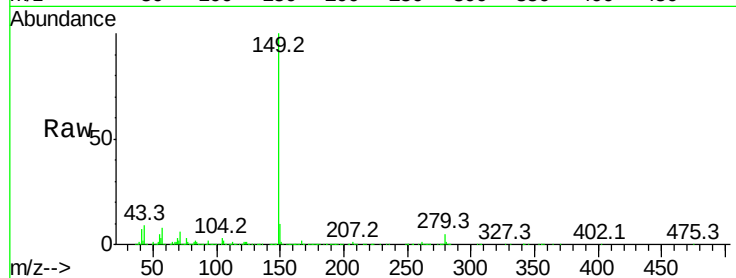
167 1.9 1.4 2.0

43 8.6 8.9 13.3#

Manual Integrations
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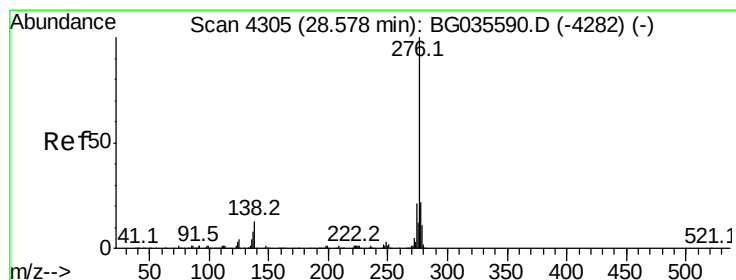
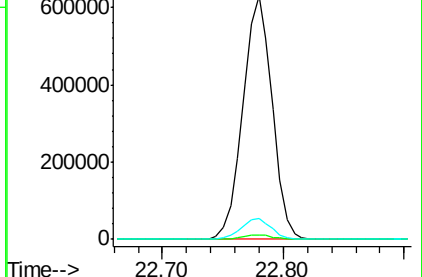
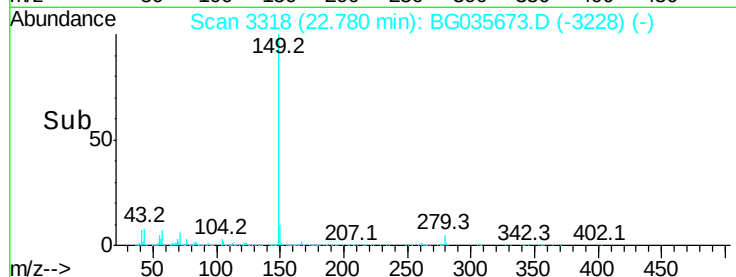


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

22.78



#85

Indeno(1,2,3-cd)pyrene

Concen: 47.972 ng

RT: 28.60 min Scan# 4308

Delta R.T. 0.02 min

Lab File: BG035673.D

Acq: 16 Jul 2018 17:17

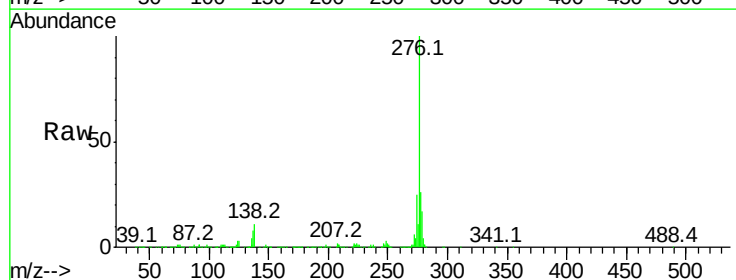
Tgt Ion:276 Resp: 1327662

Ion Ratio Lower Upper

276 100

138 6.8 16.0 24.0#

277 26.1 20.0 30.0

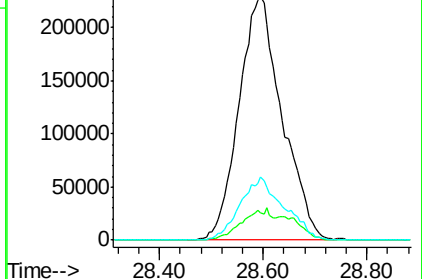
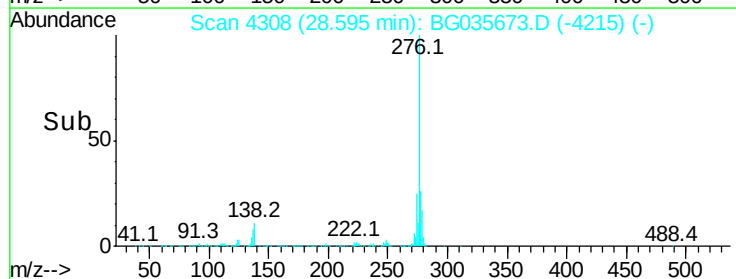


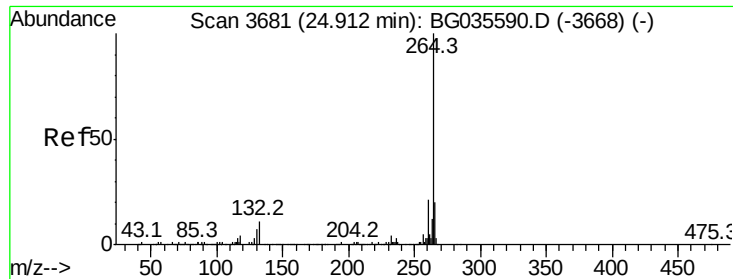
Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

28.60





#86

Pervlene-d12

Concen: 20.000 ng

RT: 24.91 min Scan# 3681

Delta R.T. 0.00 min

Lab File: BG035673.D

Acq: 16 Jul 2018 17:17

Instrument :

BNA_G

ClientSampleId :

AOC7-BTM-6-6.5MS

Tot Ion:264 Resp: 412923

Ion Ratio Lower Upper

264 100

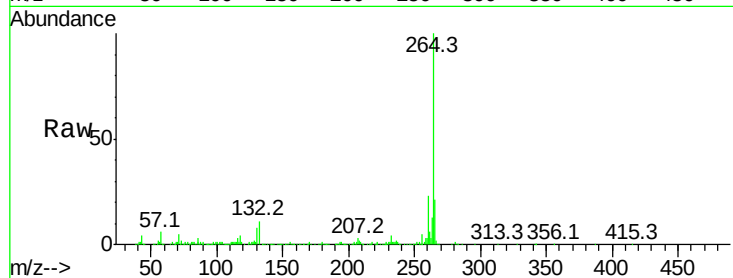
260 22.8 17.4 26.0

265 21.1 17.7 26.5

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

200000

150000

100000

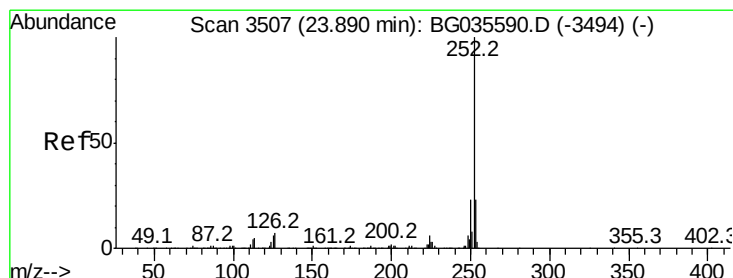
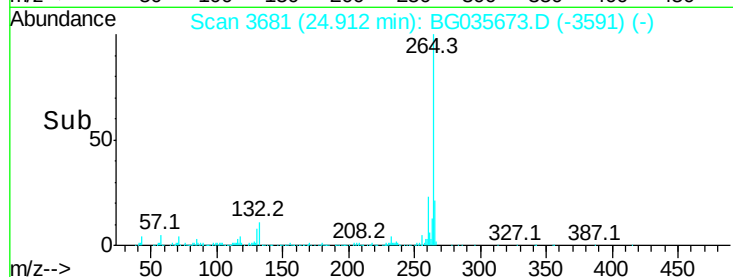
50000

0

24.91

24.80 24.90 25.00

Time-->



#87

Benzo(b)fluoranthene

Concen: 46.720 ng

RT: 23.89 min Scan# 3507

Delta R.T. 0.00 min

Lab File: BG035673.D

Acq: 16 Jul 2018 17:17

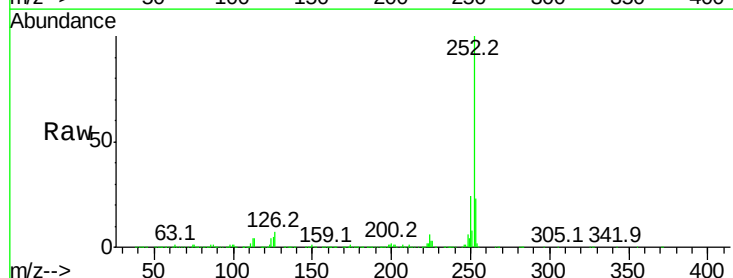
Tgt Ion:252 Resp: 1172550

Ion Ratio Lower Upper

252 100

253 23.2 18.2 27.4

125 5.5 7.2 10.8#



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

600000

500000

400000

300000

200000

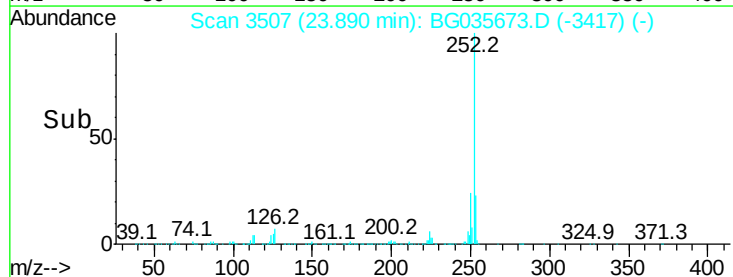
100000

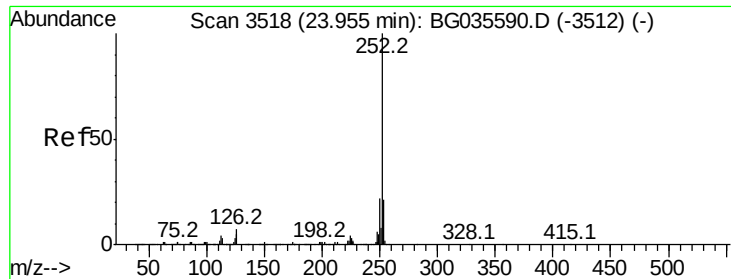
0

23.89

23.80 23.90

Time-->





#88
Benzo(k)fluoranthene
Concen: 44.777 ng
RT: 23.96 min Scan# 3519
Delta R.T. 0.01 min
Lab File: BG035673.D
Acq: 16 Jul 2018 17:17

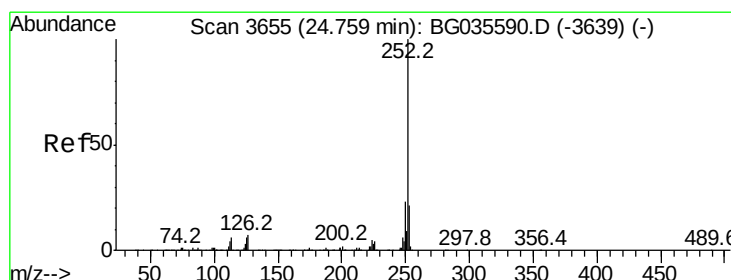
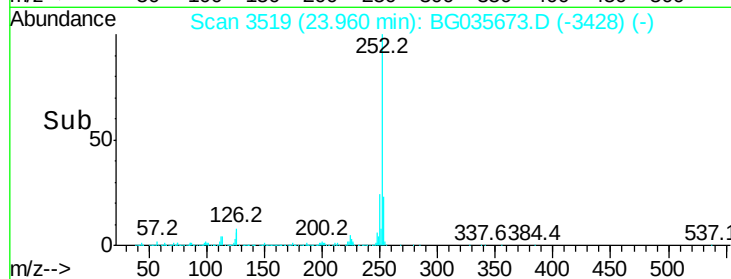
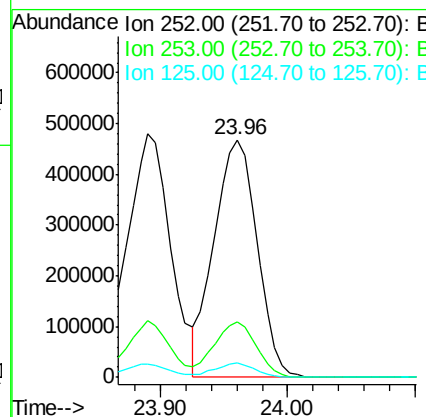
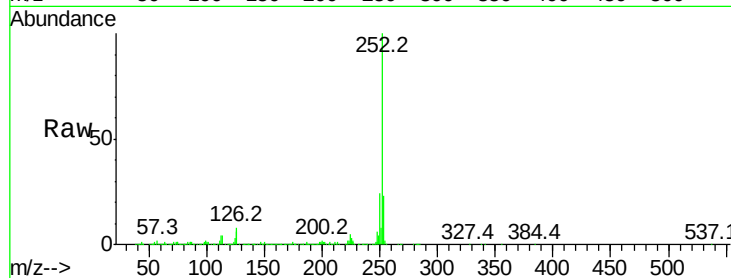
Instrument :
BNA_G
ClientSampleId :
AOC7-BTM-6-6.5MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.2
125	5.9	6.6	9.8

Manual Integrations
APPROVED

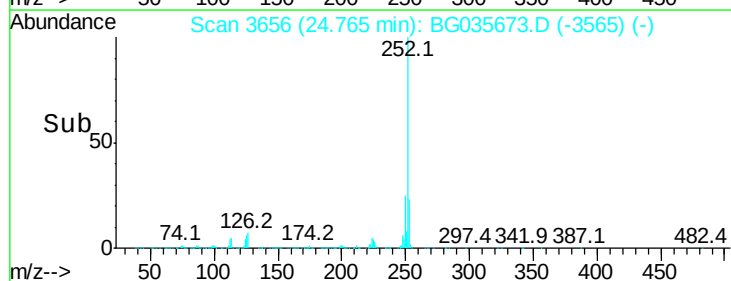
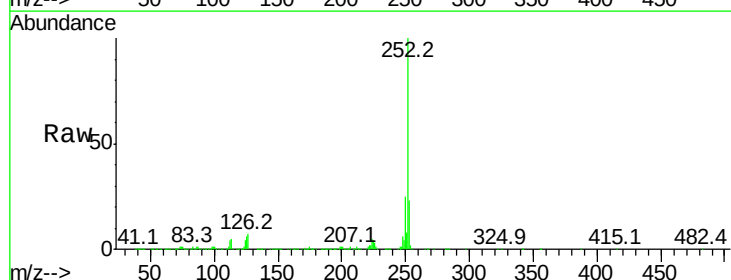
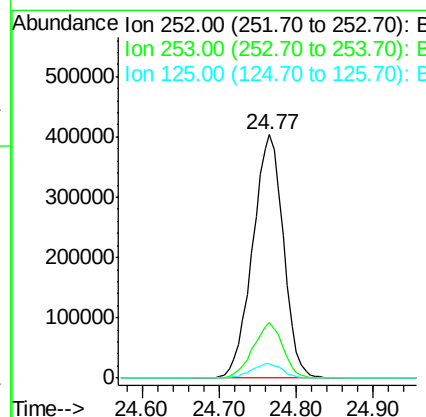
Sohil

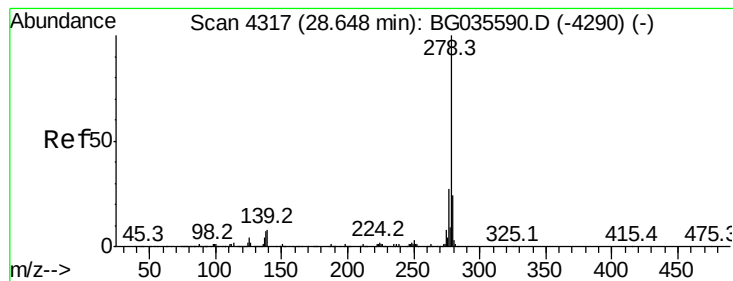
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#89
Benzo(a)pyrene
Concen: 48.416 ng
RT: 24.77 min Scan# 3656
Delta R.T. 0.01 min
Lab File: BG035673.D
Acq: 16 Jul 2018 17:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.3	27.5
125	6.1	7.3	10.9





#90

Dibenzo(a,h)anthracene

Concen: 47.905 ng

RT: 28.66 min Scan# 4319

Delta R.T. 0.01 min

Lab File: BG035673.D

Acq: 16 Jul 2018 17:17

Instrument :

BNA_G

ClientSampleId :

AOC7-BTM-6-6.5MS

Tot Ion:278 Resp: 1098108

Ion Ratio Lower Upper

278 100

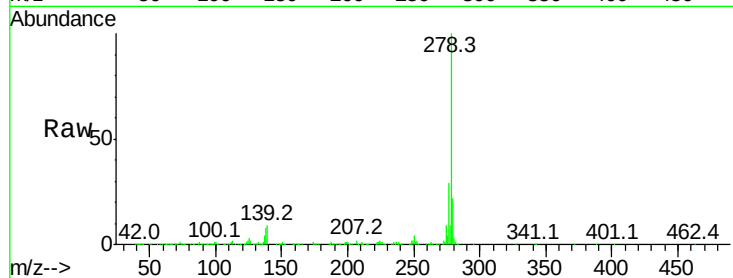
139 9.4 9.8 14.6#

279 22.5 18.4 27.6

Manual Integrations
APPROVED

Sohil

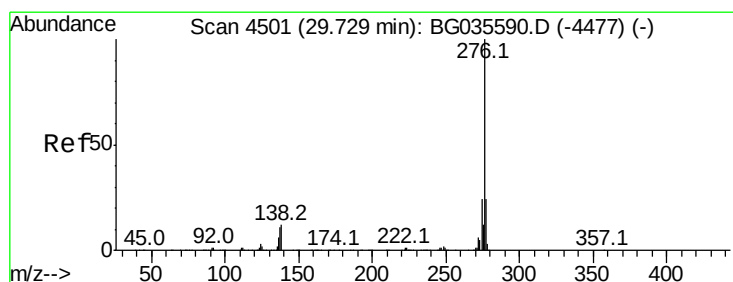
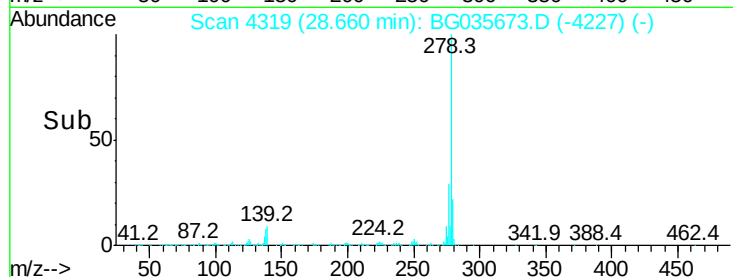
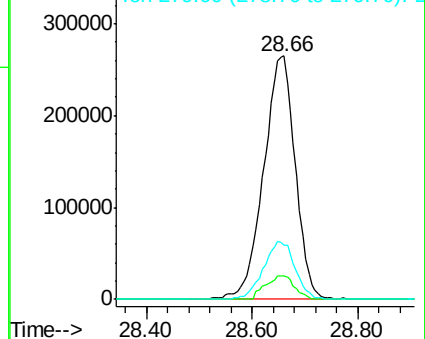
7/17/2018 4:57:18 PM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 49.406 ng

RT: 29.74 min Scan# 4503

Delta R.T. 0.01 min

Lab File: BG035673.D

Acq: 16 Jul 2018 17:17

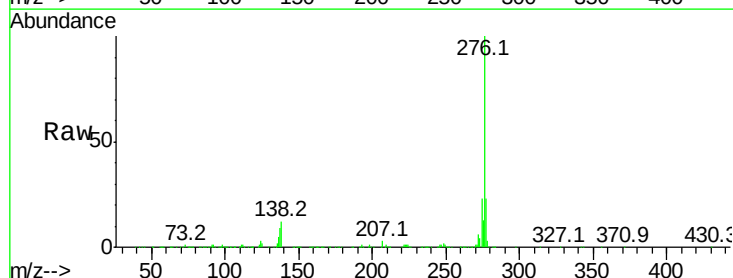
Tgt Ion:276 Resp: 1108204

Ion Ratio Lower Upper

276 100

277 23.4 18.3 27.5

138 11.8 13.9 20.9#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

