

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030618\
 Data File : BG033019.D
 Acq On : 6 Mar 2018 13:06
 Operator : SJ/JU
 Sample : J1398-06MSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-022218MSD

Manual Integrations
 APPROVED

Sohil
 3/7/2018 12:10:55 PM

Quant Time: Mar 06 17:49:21 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 06 17:38:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	57892	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	266551	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	156910	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	355394	20.00	ng	0.00
75) Chrysene-d12	22.61	240	328184	20.00	ng	0.00
86) Perylene-d12	26.41	264	353909	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	513037	141.78	ng	0.00
7) Phenol-d6	8.01	99	655952	130.05	ng	0.00
23) Nitrobenzene-d5	10.11	82	451423	113.73	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	262725	159.24	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	945748	86.93	ng	0.00
78) Terphenyl-d14	20.77	244	1365238	93.46	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.97	88	57462	36.590	ng	# 92
3) Pyridine	4.43	79	130826	30.224	ng	# 90
4) n-Nitrosodimethylamine	4.33	42	95283	54.905	ng	# 83
6) Aniline	8.20	93	105763	15.491	ng	# 99
8) 2-Chlorophenol	8.46	128	189556	47.859	ng	# 94
9) Benzaldehyde	8.01	77	65636	22.579	ng	# 92
10) Phenol	8.04	94	220912	43.449	ng	# 95
11) bis(2-Chloroethyl)ether	8.29	93	175728	42.267	ng	# 98
12) 1,3-Dichlorobenzene	8.80	146	177343	38.228	ng	# 97
13) 1,4-Dichlorobenzene	8.95	146	182442	39.070	ng	# 96
14) 1,2-Dichlorobenzene	9.29	146	175511	39.223	ng	# 98
15) Benzyl Alcohol	9.14	79	177585	47.893	ng	# 92
16) 2,2'-oxybis(1-Chloropropan	9.43	45	337943	47.283	ng	# 99
17) 2-Methylphenol	9.34	107	167931	44.790	ng	# 98
18) Hexachloroethane	10.04	117	66921	42.091	ng	# 85
19) n-Nitroso-di-n-propylamine	9.73	70	154540	43.400	ng	# 92
20) 3+4-Methylphenols	9.67	107	228357	43.804	ng	# 94
22) Acetophenone	9.76	105	284155	42.211	ng	# 98
24) Nitrobenzene	10.15	77	216342	50.509	ng	# 91
25) Isophorone	10.68	82	425399	45.469	ng	# 95
26) 2-Nitrophenol	10.88	139	105047	62.946	ng	# 97
27) 2,4-Dimethylphenol	10.91	122	205916	50.665	ng	# 90
28) bis(2-Chloroethoxy)methane	11.15	93	248694	45.629	ng	# 96
29) 2,4-Dichlorophenol	11.42	162	184276	49.957	ng	# 93
30) 1,2,4-Trichlorobenzene	11.65	180	171587	39.683	ng	# 97
31) Naphthalene	11.85	128	602096	43.228	ng	# 99
32) Benzoic acid	11.02	122	104411	43.249	ng	# 85
33) 4-Chloroaniline	11.93	127	86068	13.820	ng	# 96
34) Hexachlorobutadiene	12.11	225	91825	37.860	ng	# 93
35) Caprolactam	12.68	113	60509	40.967	ng	# 93
36) 4-Chloro-3-methylphenol	13.00	107	224945	52.403	ng	# 93
37) 2-Methylnaphthalene	13.40	142	439214	43.587	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	13.75	216	185964	39.924	ng	# 96
40) Hexachlorocyclopentadiene	13.73	237	191544	80.689	ng	# 91

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030618\
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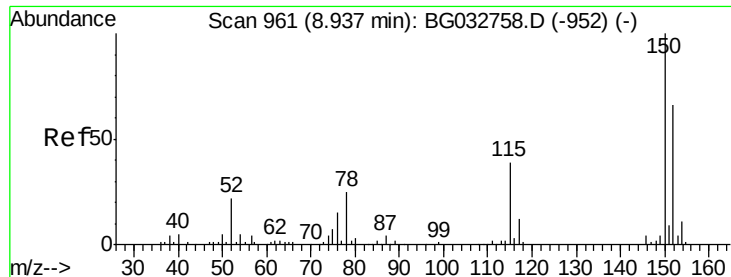
Manual Integrations
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Sohil
 3/7/2018 12:10:55 PM

Quant Time: Mar 06 17:49:21 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 06 17:38:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	143870	48.978	nq	98
43) 2,4,5-Trichlorophenol	14.04	196	162685	47.852	nq	# 95
45) 1,1'-Biphenyl	14.37	154	557519	40.661	nq	95
46) 2-Chloronaphthalene	14.43	162	421690	41.171	nq	96
47) 2-Nitroaniline	14.61	65	162235	59.773	nq	92
48) Acenaphthylene	15.26	152	697985	41.623	nq	98
49) Dimethylphthalate	14.95	163	565599	42.452	nq	99
50) 2,6-Dinitrotoluene	15.08	165	127077	55.842	nq	92
51) Acenaphthene	15.59	154	467888	44.802	nq	98
52) 3-Nitroaniline	15.41	138	81928	32.855	nq	# 86
53) 2,4-Dinitrophenol	15.61	184	77688	101.237	nq	# 1
54) Dibenzofuran	15.92	168	658124	44.257	nq	94
55) 4-Nitrophenol	15.68	139	184526	84.172	nq	88
56) 2,4-Dinitrotoluene	15.86	165	178827	63.545	nq	# 85
57) Fluorene	16.56	166	534209	43.525	nq	99
58) 2,3,4,6-Tetrachlorophenol	16.13	232	139254m	52.757	nq	
59) Diethylphthalate	16.29	149	605186	43.066	nq	98
60) 4-Chlorophenyl-phenylether	16.53	204	263905	43.954	nq	92
61) 4-Nitroaniline	16.56	138	132875	46.282	nq	86
62) Azobenzene	16.83	77	563307	44.808	nq	97
64) 4,6-Dinitro-2-methylphenol	16.61	198	68545	60.089	nq	95
65) n-Nitrosodiphenylamine	16.75	169	489802	42.365	nq	98
66) 4-Bromophenyl-phenylether	17.43	248	159598	42.470	nq	# 86
67) Hexachlorobenzene	17.56	284	166819	41.078	nq	# 92
68) Atrazine	17.66	200	169701	44.592	nq	96
69) Pentachlorophenol	17.89	266	201214	78.662	nq	99
70) Phenanthrene	18.30	178	842928	42.513	nq	98
71) Anthracene	18.38	178	852368	42.820	nq	99
72) Carbazole	18.64	167	800675	40.808	nq	98
73) Di-n-butylphthalate	19.14	149	1008341	41.892	nq	99
74) Fluoranthene	20.25	202	931733	42.541	nq	94
76) Benzidine	20.41	184	37422	3.345	nq	99
77) Pyrene	20.61	202	933702	40.344	nq	97
79) Butylbenzylphthalate	21.46	149	477054	46.491	nq	95
80) Benzo(a)anthracene	22.58	228	905063	43.006	nq	99
81) 3,3'-Dichlorobenzidine	22.47	252	173407	22.248	nq	# 98
82) Chrysene	22.67	228	854167	42.489	nq	98
83) Bis(2-ethylhexyl)phthalate	22.41	149	674994	44.440	nq	# 97
84) Di-n-octyl phthalate	23.82	149	1167929	50.447	nq	99
85) Indeno(1,2,3-cd)pyrene	30.82	276	973319	41.515	nq	98
87) Benzo(b)fluoranthene	25.19	252	896755	42.855	nq	# 97
88) Benzo(k)fluoranthene	25.27	252	911449	43.827	nq	# 96
89) Benzo(a)pyrene	26.23	252	880424	44.236	nq	# 96
90) Dibenzo(a,h)anthracene	30.91	278	792152	39.541	nq	# 95
91) Benzo(g,h,i)perylene	32.22	276	812248	41.129	nq	# 93

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



#1

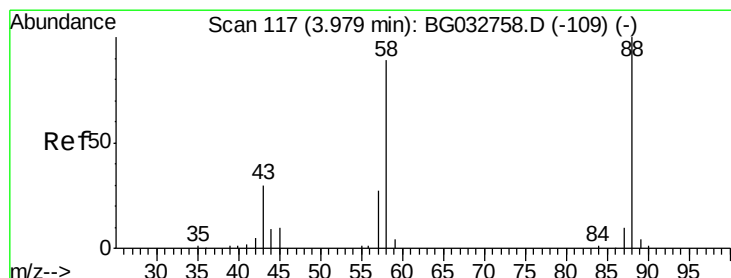
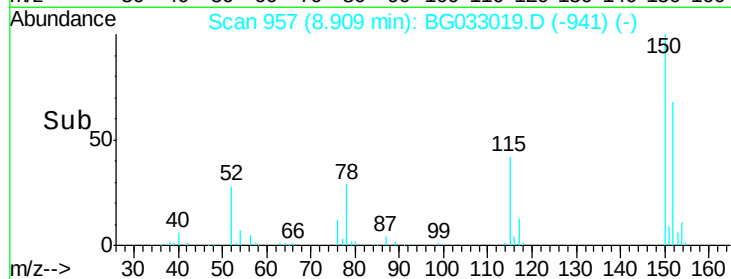
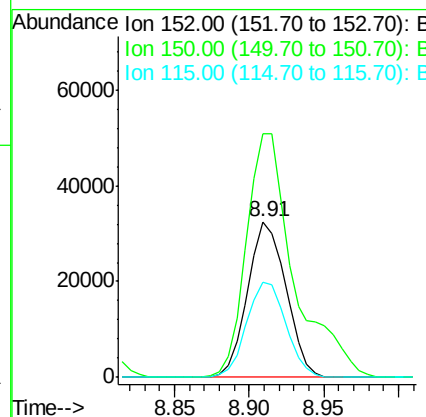
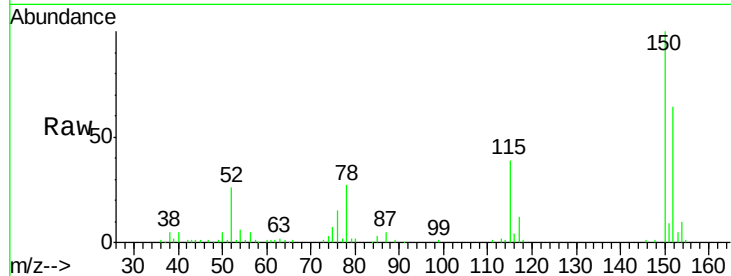
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG033019.D
Acq: 6 Mar 2018 13:06

Instrument :
BNA_G
ClientSampleId :
OK-01-022218MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	126.6	189.8
115	61.4	53.0	79.4

Manual Integrations
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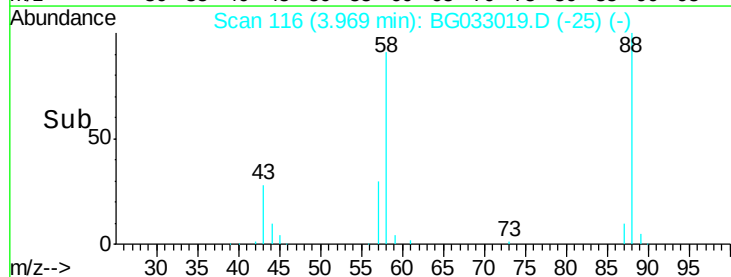
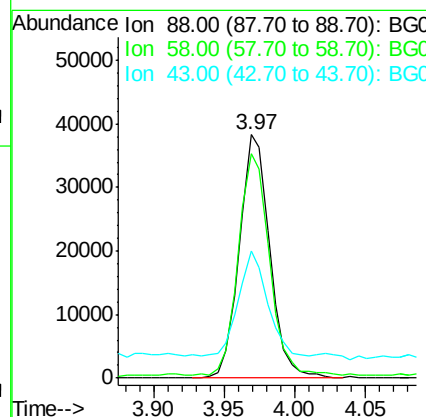
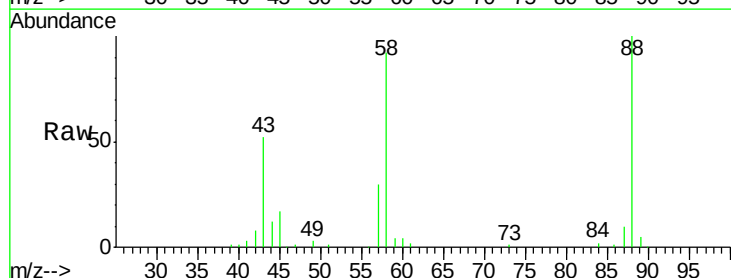
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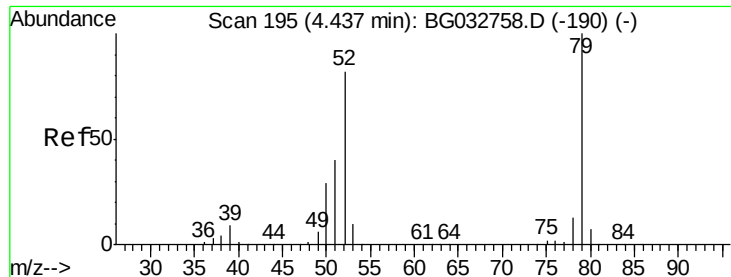


#2

1,4-Dioxane
Concen: 36.590 ng
RT: 3.97 min Scan# 116
Delta R.T. 0.00 min
Lab File: BG033019.D
Acq: 6 Mar 2018 13:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	93.5	79.6	119.4
43	41.3	27.4	41.0#





#3

Pvridine

Concen: 30.224 ng

RT: 4.43 min Scan# 195

Delta R.T. 0.01 min

Lab File: BG033019.D

Acq: 6 Mar 2018 13:06

Instrument :

BNA_G

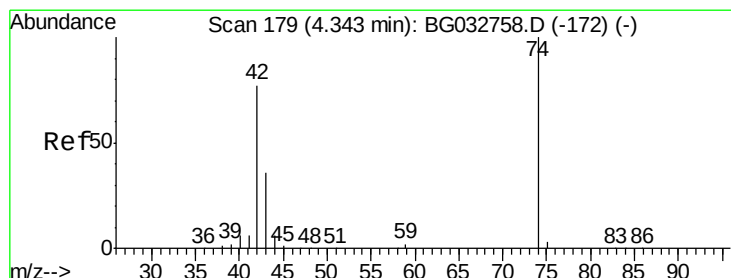
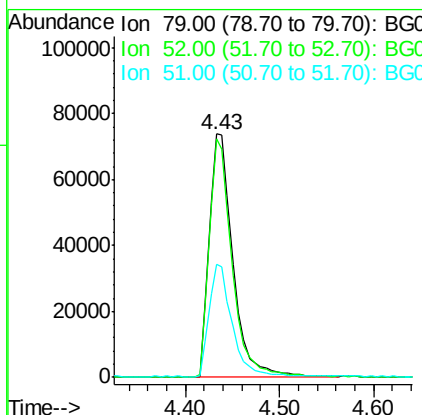
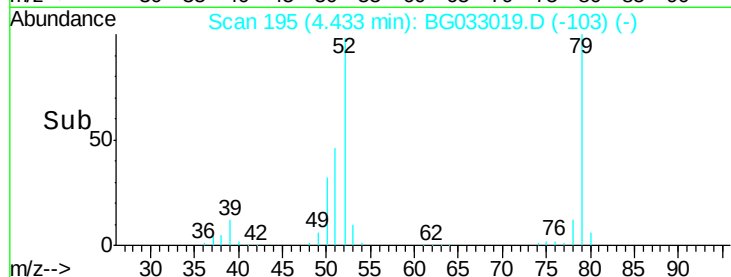
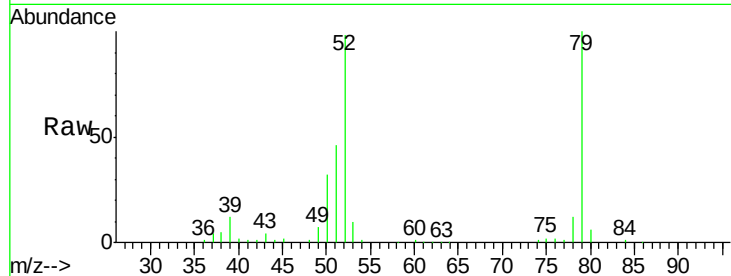
ClientSampleId :

OK-01-022218MSD

Tot Ion:	79	Resp:	130826
Ion	Ratio	Lower	Upper
79	100		
52	97.8	69.9	104.9
51	46.5	34.0	51.0

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 54.905 ng

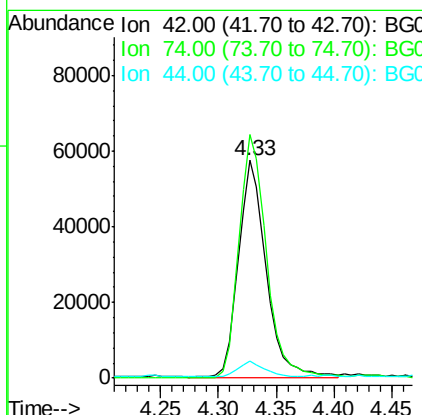
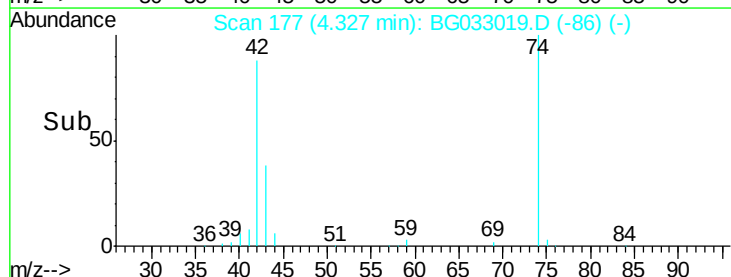
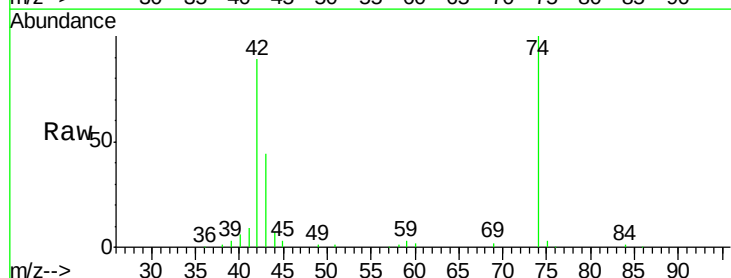
RT: 4.33 min Scan# 177

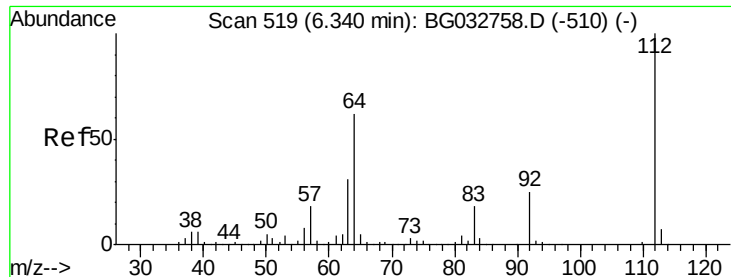
Delta R.T. 0.00 min

Lab File: BG033019.D

Acq: 6 Mar 2018 13:06

Tgt Ion:	42	Resp:	95283
Ion	Ratio	Lower	Upper
42	100		
74	111.9	102.5	153.7
44	7.6	18.9	28.3#





#5

2-Fluorophenol

Concen: 141.779 ng

RT: 6.33 min Scan# 518

Delta R.T. 0.01 min

Lab File: BG033019.D

Acq: 6 Mar 2018 13:06

Instrument :

BNA_G

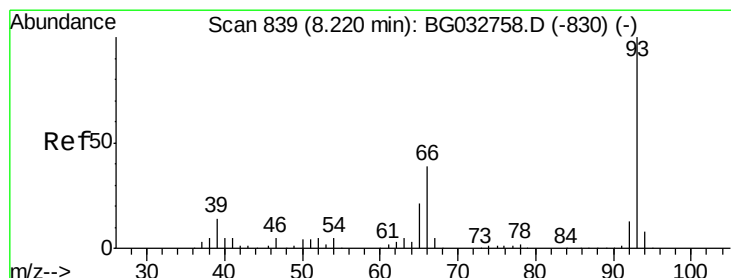
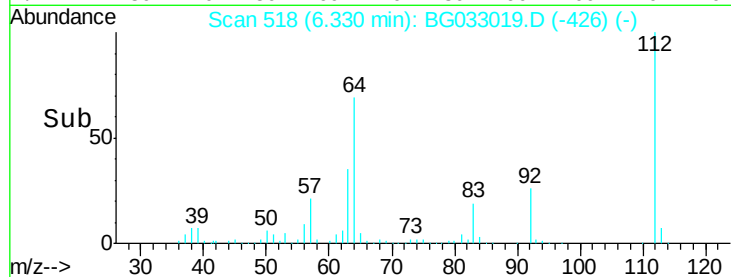
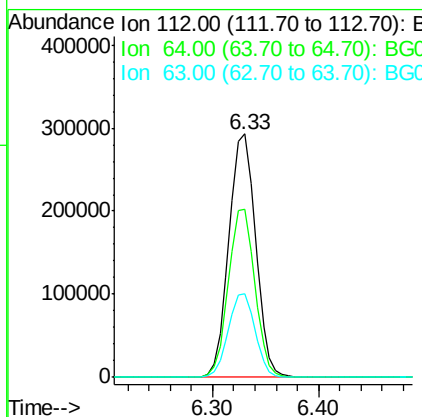
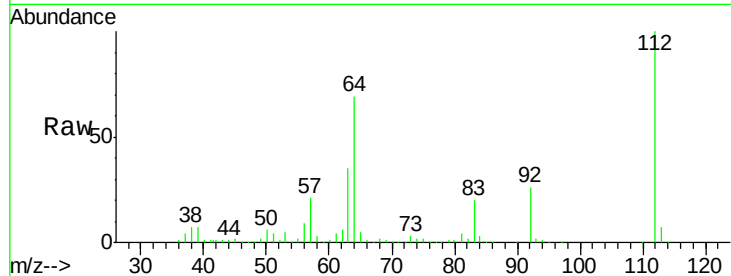
ClientSampleId :

OK-01-022218MSD

Tot Ion:	112	Resp:	513037
Ion Ratio	Lower	Upper	
112	100		
64	68.9	56.3	84.5
63	34.5	30.1	45.1

Manual Integrations
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#6

Aniline

Concen: 15.491 ng

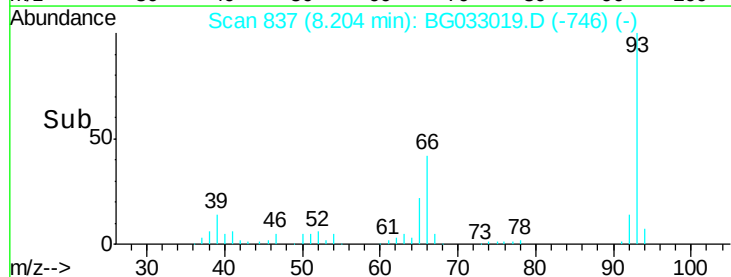
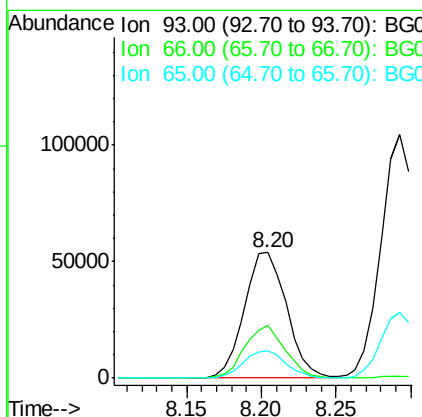
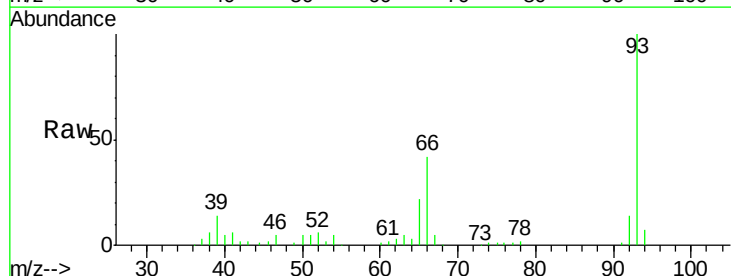
RT: 8.20 min Scan# 837

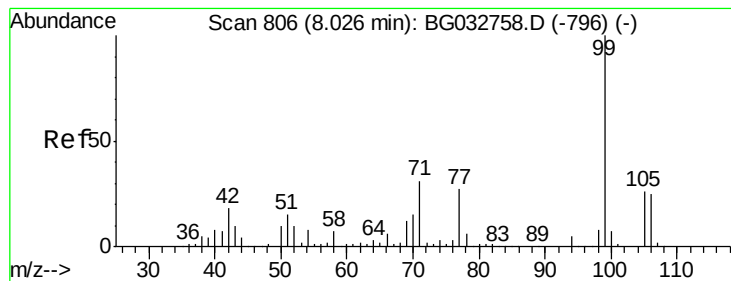
Delta R.T. 0.00 min

Lab File: BG033019.D

Acq: 6 Mar 2018 13:06

Tgt Ion:	93	Resp:	105763
Ion Ratio	Lower	Upper	
93	100		
66	42.1	33.7	50.5
65	21.7	16.1	24.1





#7

Phenol-d6

Concen: 130.051 ng

RT: 8.01 min Scan# 804

Delta R.T. 0.00 min

Lab File: BG033019.D

Acq: 6 Mar 2018 13:06

Instrument :

BNA_G

ClientSampleId :

OK-01-022218MSD

Tot Ion: 99 Resp: 655952

Ion Ratio Lower Upper

99 100

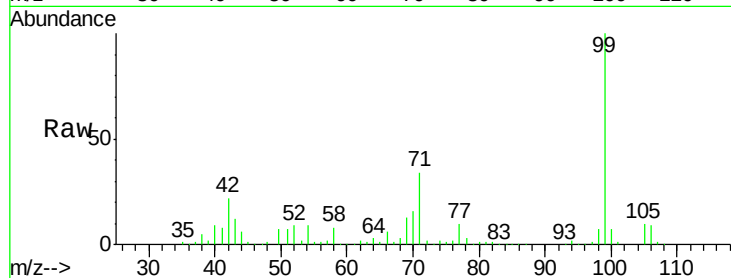
42 22.2 14.1 21.1#

71 34.3 26.1 39.1

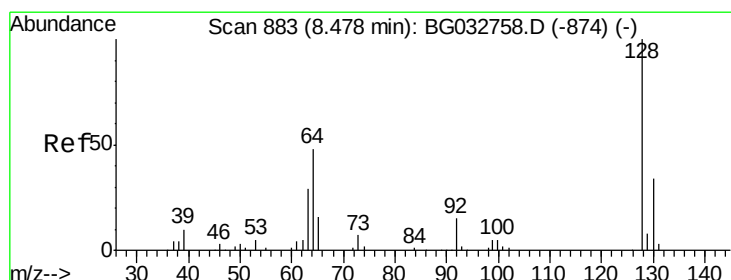
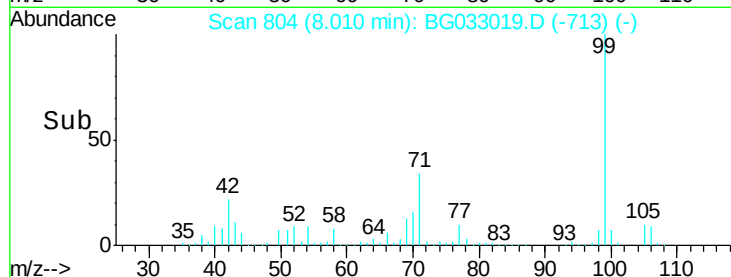
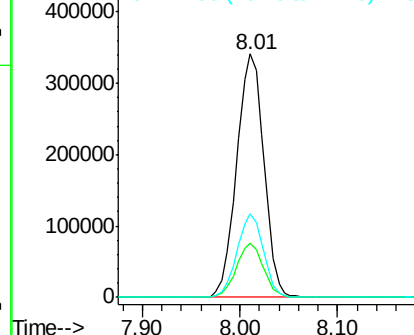
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 47.859 ng

RT: 8.46 min Scan# 880

Delta R.T. 0.00 min

Lab File: BG033019.D

Acq: 6 Mar 2018 13:06

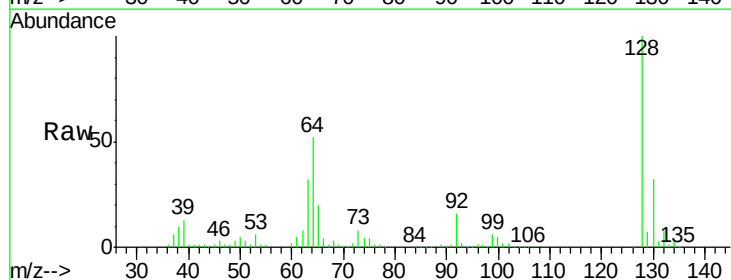
Tgt Ion: 128 Resp: 189556

Ion Ratio Lower Upper

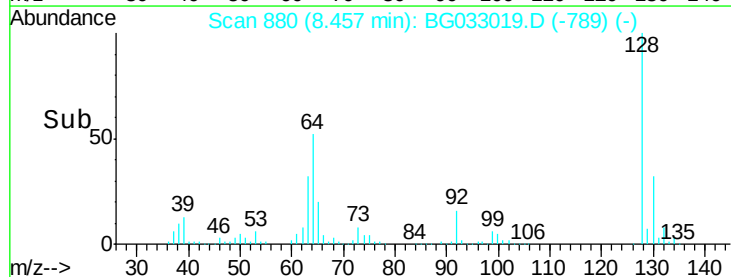
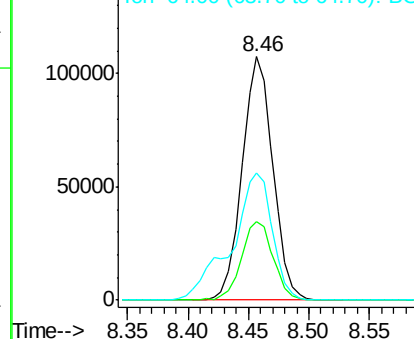
128 100

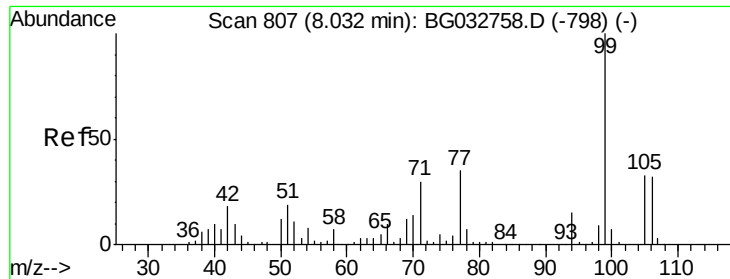
130 32.2 14.0 54.0

64 52.4 37.7 77.7



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





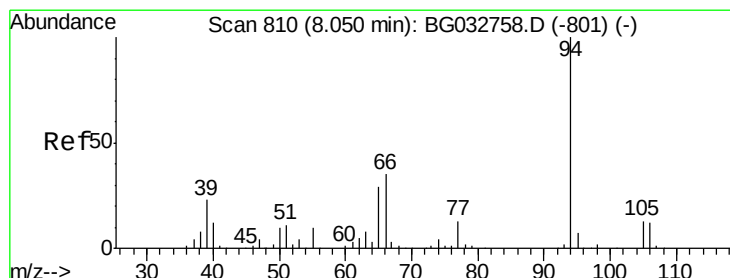
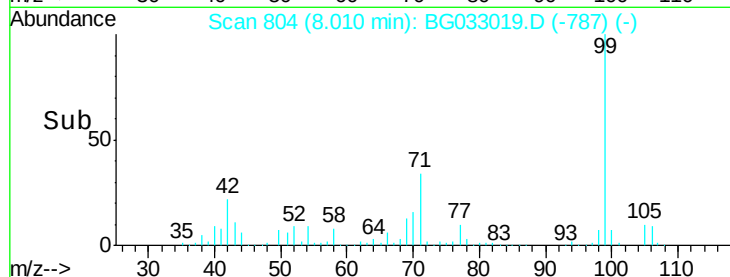
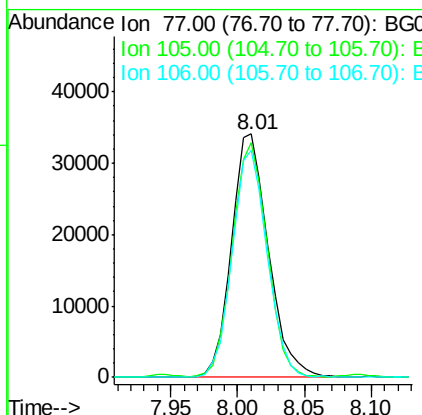
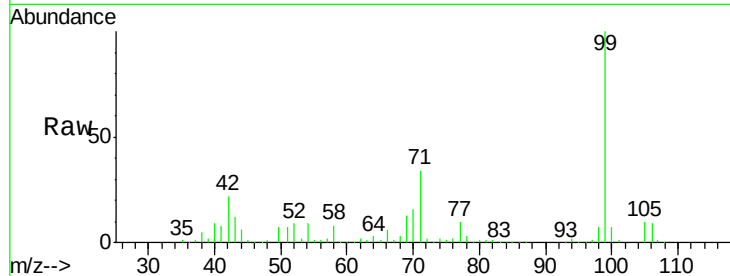
#9
Benzaldehyde
Concen: 22.579 ng
RT: 8.01 min Scan# 804
Delta R.T. 0.00 min
Lab File: BG033019.D
Acq: 6 Mar 2018 13:06

Instrument :
BNA_G
ClientSampleId :
OK-01-022218MSD

Tot Ion: 77 Resp: 65636
Ion Ratio Lower Upper
77 100
105 96.6 71.3 111.3
106 93.4 64.2 104.2

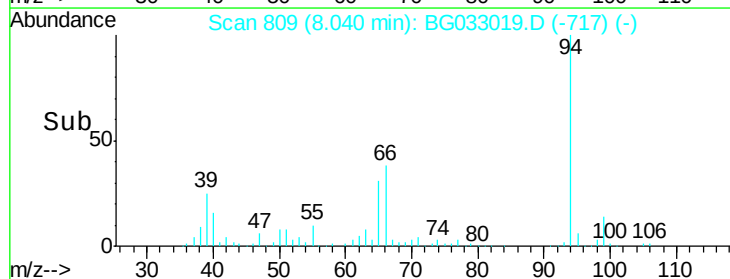
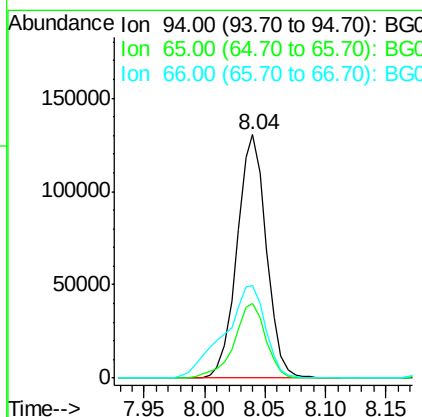
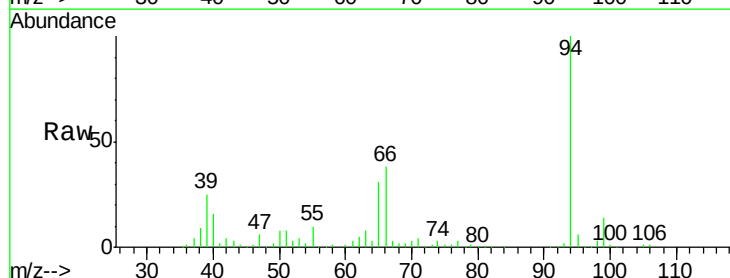
Manual Integrations
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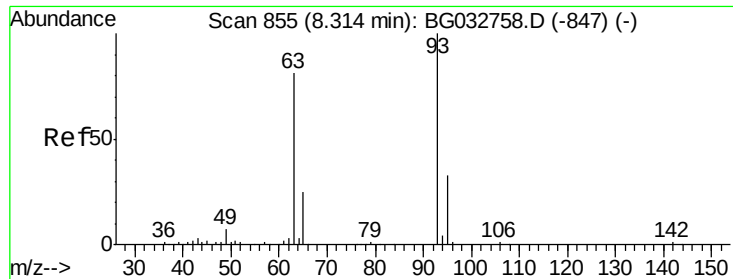
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#10
Phenol
Concen: 43.449 ng
RT: 8.04 min Scan# 809
Delta R.T. 0.01 min
Lab File: BG033019.D
Acq: 6 Mar 2018 13:06

Tgt Ion: 94 Resp: 220912
Ion Ratio Lower Upper
94 100
65 30.7 11.9 51.9
66 38.1 22.2 62.2





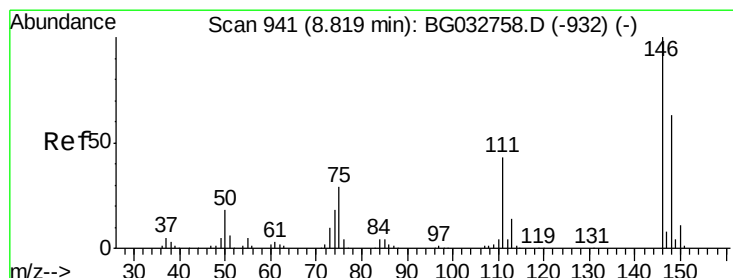
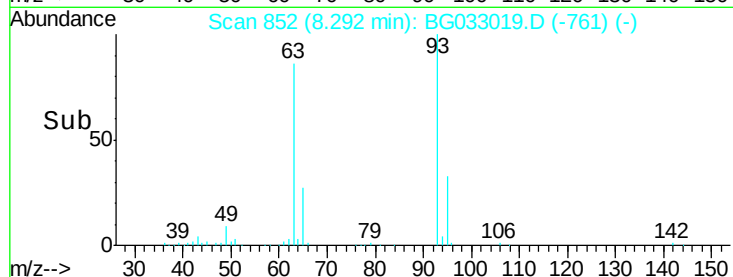
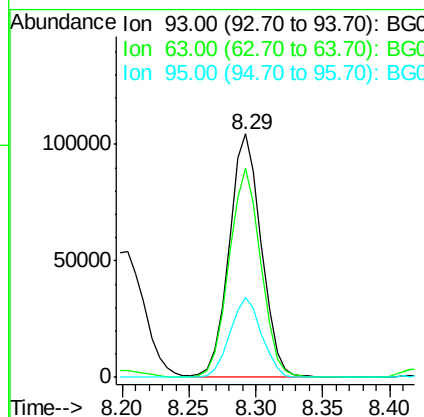
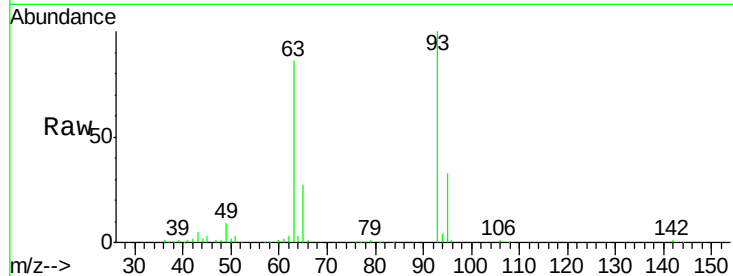
#11
bis(2-Chloroethyl)ether
Concen: 42.267 ng
RT: 8.29 min Scan# 852
Delta R.T. 0.00 min
Lab File: BG033019.D
Acq: 6 Mar 2018 13:06

Instrument :
BNA_G
ClientSampleId :
OK-01-022218MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	85.8	67.1	107.1
95	32.6	11.5	51.5

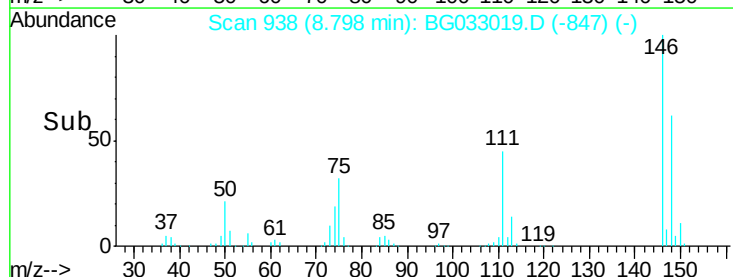
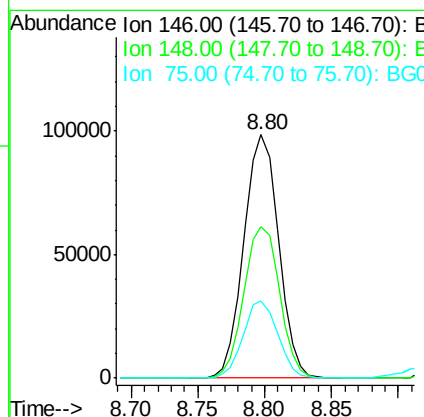
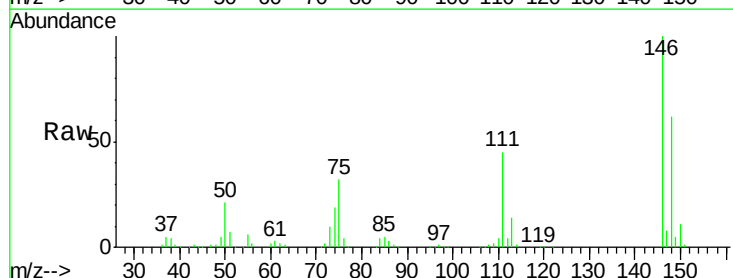
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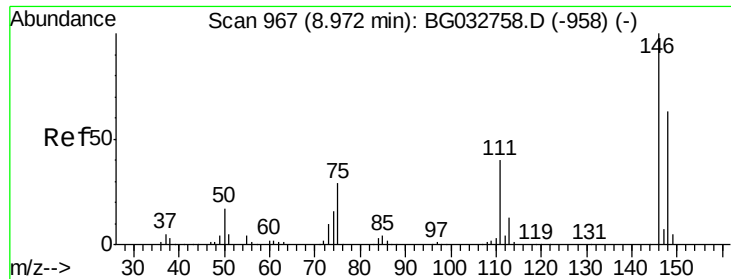
Sohil
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#12
1,3-Dichlorobenzene
Concen: 38.228 ng
RT: 8.80 min Scan# 938
Delta R.T. 0.00 min
Lab File: BG033019.D
Acq: 6 Mar 2018 13:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.0	51.4	77.2
75	31.5	26.6	39.8





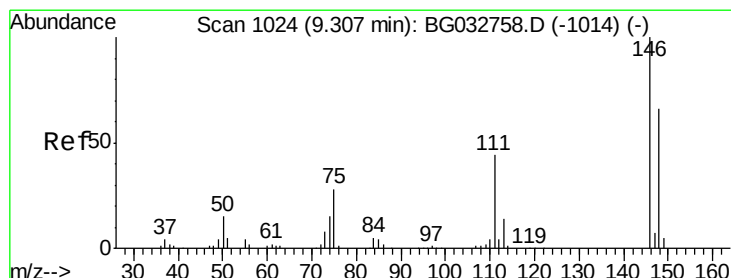
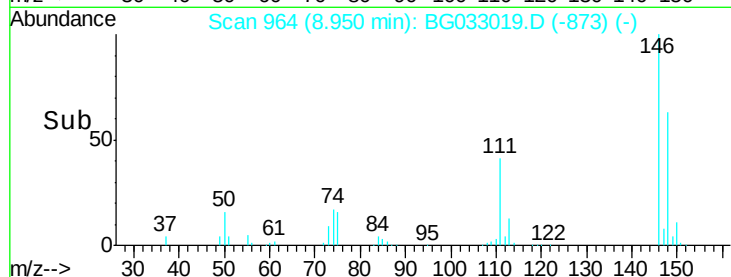
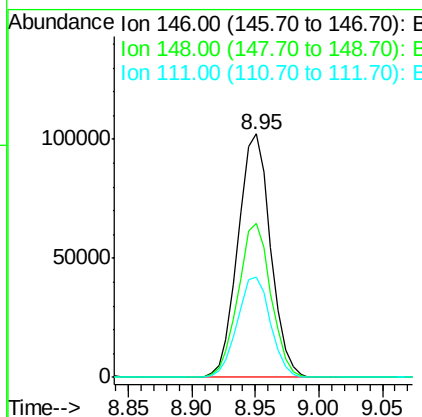
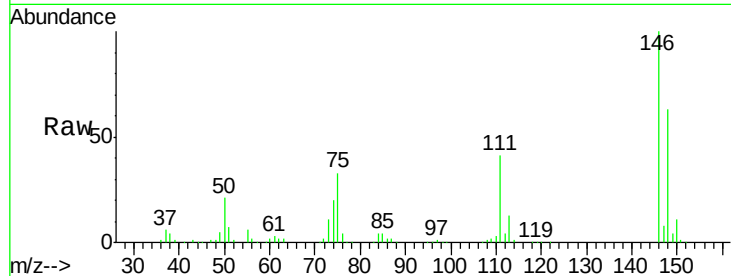
#13
 1,4-Dichlorobenzene
 Concen: 39.070 ng
 RT: 8.95 min Scan# 964
 Delta R.T. 0.00 min
 Lab File: BG033019.D
 Acq: 6 Mar 2018 13:06

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-022218MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	53.7	80.5
111	41.3	35.2	52.8

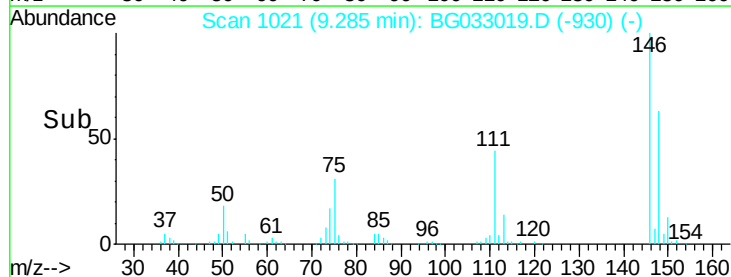
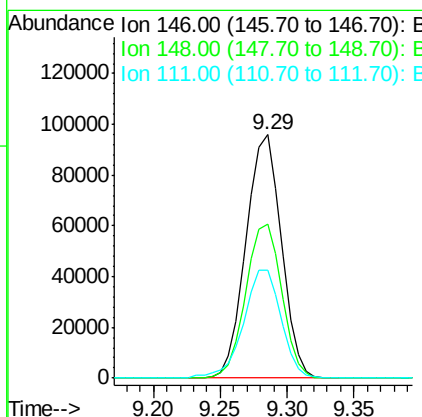
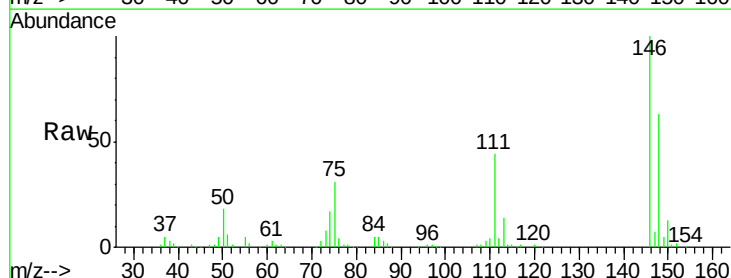
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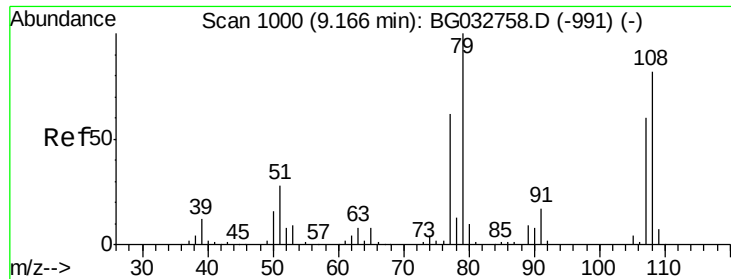
Sohil
 3/7/2018 12:10:55 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.223 ng
 RT: 9.29 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BG033019.D
 Acq: 6 Mar 2018 13:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	49.3	73.9
111	44.4	34.3	51.5





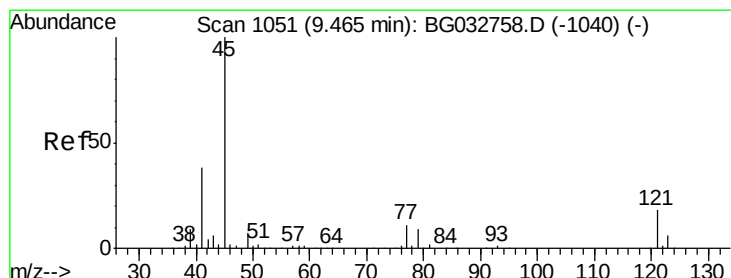
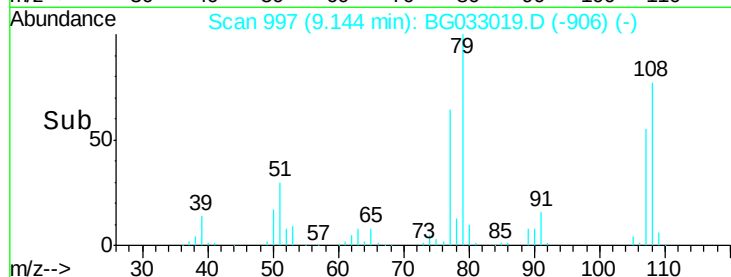
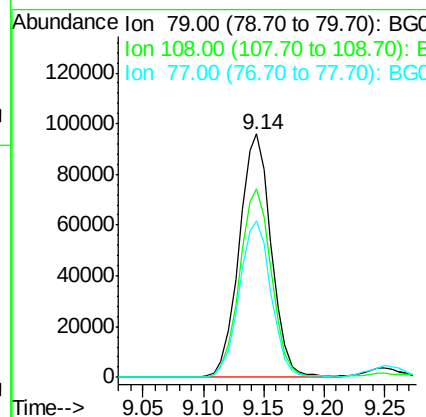
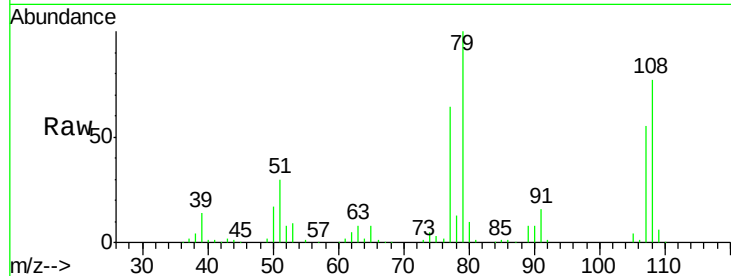
#15
Benzyl Alcohol
Concen: 47.893 ng
RT: 9.14 min Scan# 997
Delta R.T. 0.00 min
Lab File: BG033019.D
Acq: 6 Mar 2018 13:06

Instrument :
BNA_G
ClientSampleId :
OK-01-022218MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.4	57.2	85.8
77	64.1	46.1	69.1

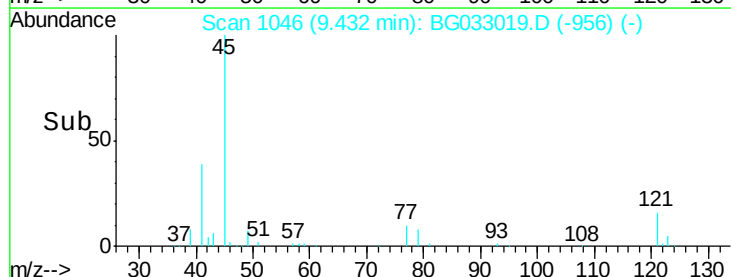
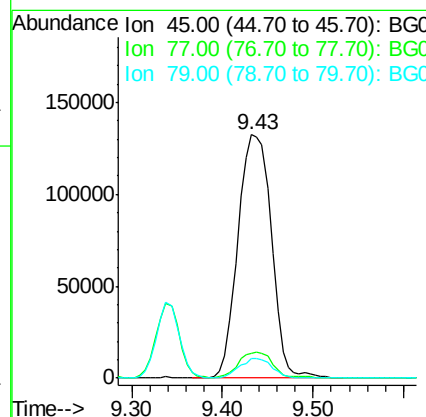
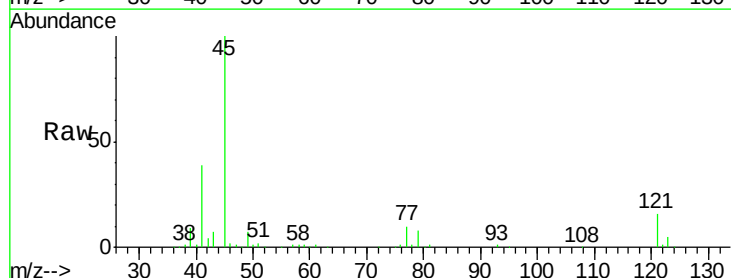
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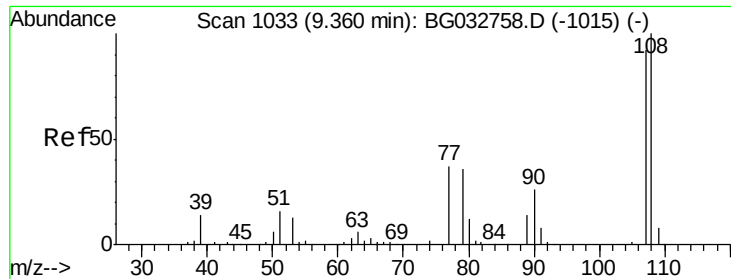
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.283 ng
RT: 9.43 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG033019.D
Acq: 6 Mar 2018 13:06

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.4	0.0	30.2
79	8.3	0.0	27.9





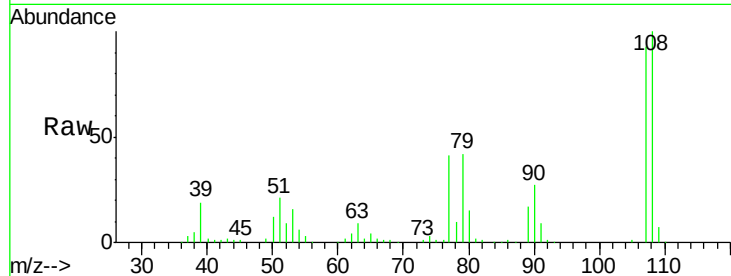
#17
2-Methylphenol
Concen: 44.790 ng
RT: 9.34 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BG033019.D
Acq: 6 Mar 2018 13:06

Instrument :
BNA_G
ClientSampleId :
OK-01-022218MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	107.4	83.9	125.9
77	44.5	37.2	55.8
79	44.8	36.2	54.2

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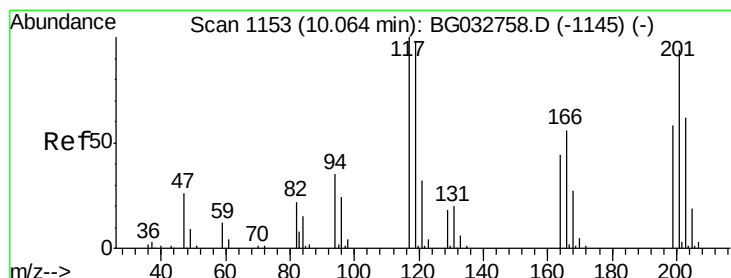
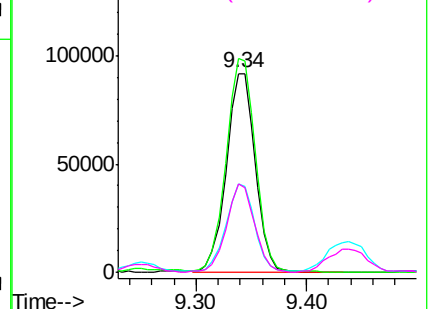
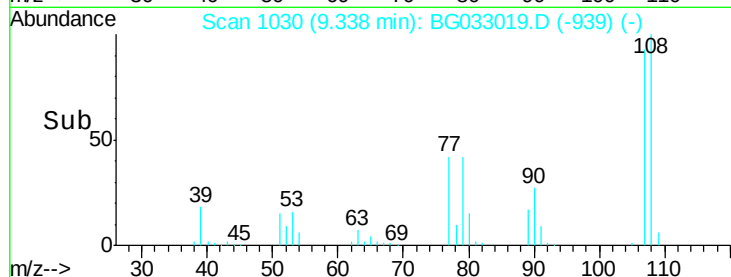
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

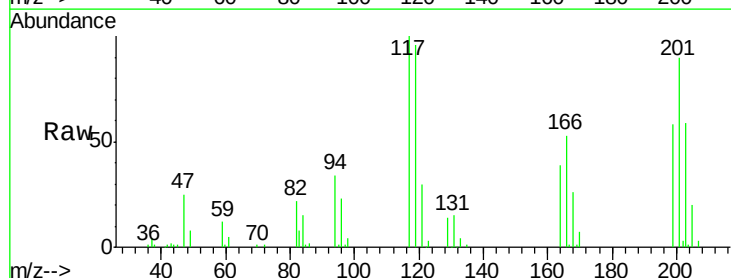
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 42.091 ng
RT: 10.04 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BG033019.D
Acq: 6 Mar 2018 13:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.7	115.1
201	89.9	95.7	143.5#

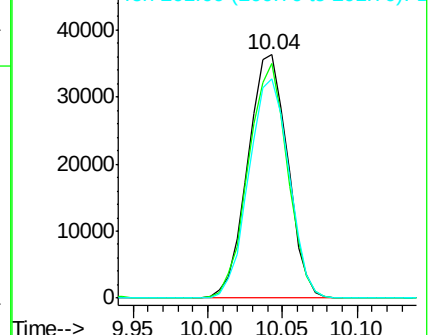
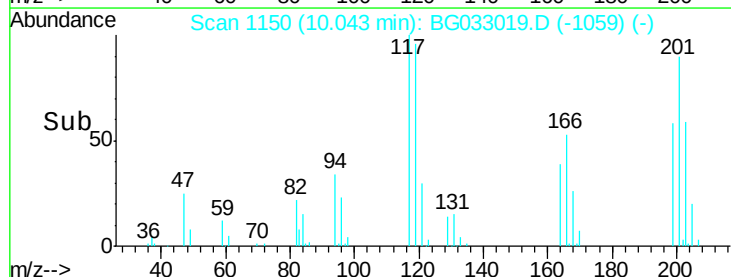


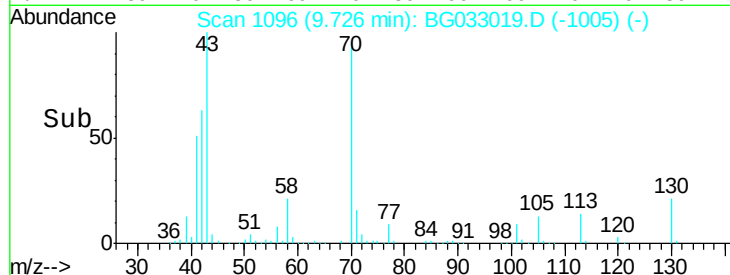
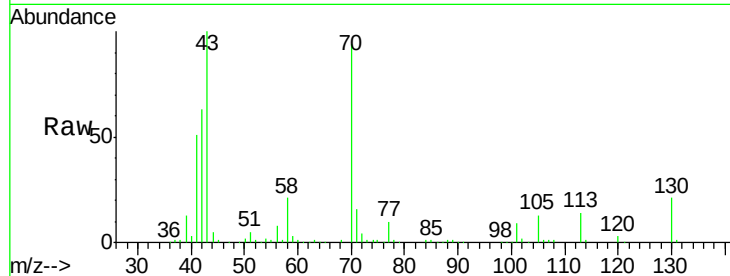
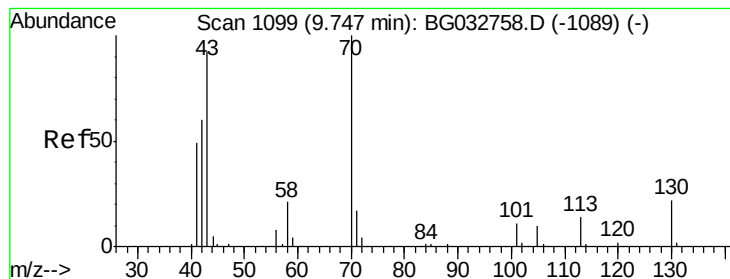
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 43.400 ng

RT: 9.73 min Scan# 1096

Delta R.T. 0.00 min

Lab File: BG033019.D

Acq: 6 Mar 2018 13:06

Instrument :

BNA_G

ClientSampleId :

OK-01-022218MSD

Tot Ion: 70 Resp: 154540

Ion Ratio Lower Upper

70 100

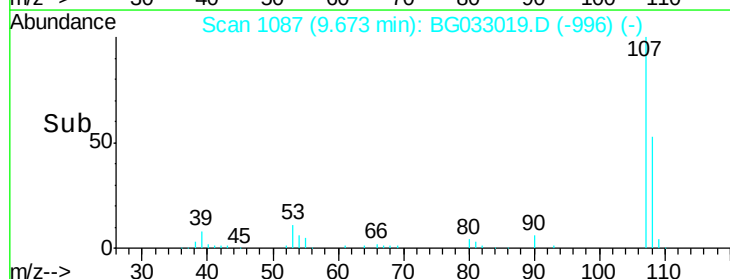
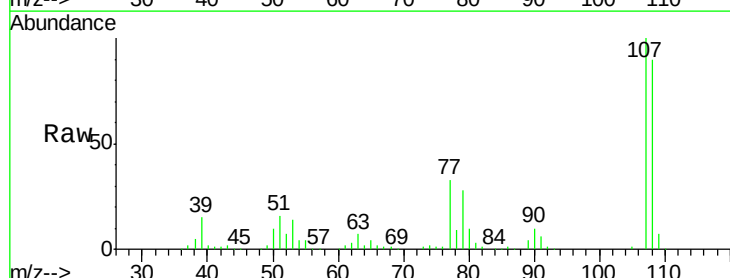
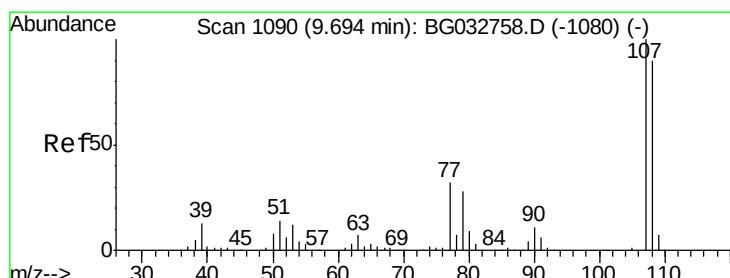
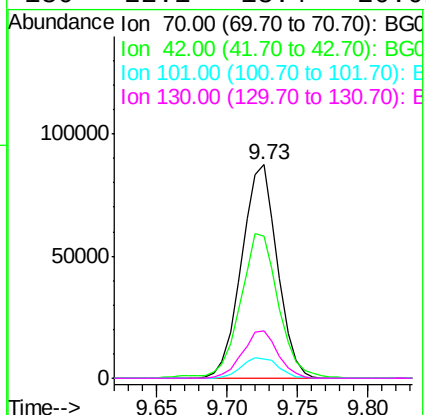
42 66.6 49.1 73.7

101 9.1 8.5 12.7

130 22.1 13.4 20.0#

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#20

3+4-Methylphenols

Concen: 43.804 ng

RT: 9.67 min Scan# 1087

Delta R.T. 0.00 min

Lab File: BG033019.D

Acq: 6 Mar 2018 13:06

Tgt Ion: 107 Resp: 228357

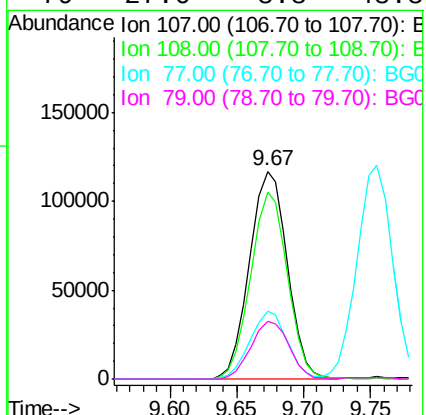
Ion Ratio Lower Upper

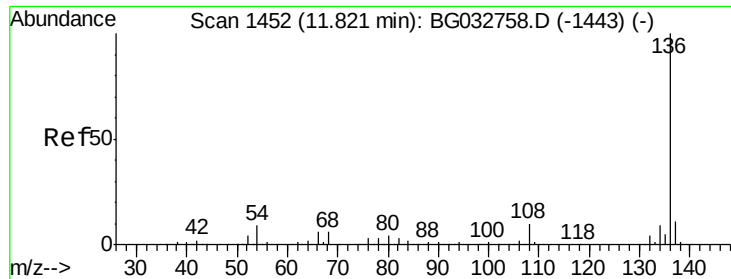
107 100

108 90.3 61.6 101.6

77 32.7 13.9 53.9

79 27.6 8.8 48.8





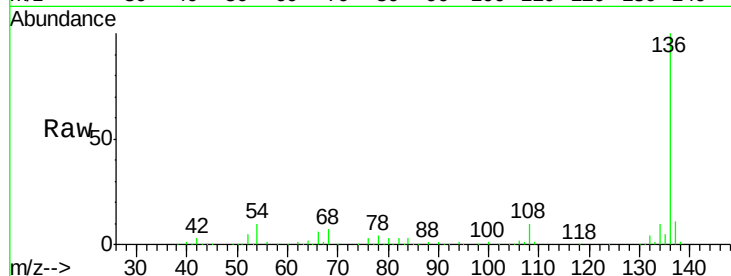
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.80 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BG033019.D
Acq: 6 Mar 2018 13:06

Instrument :
BNA_G
ClientSampleId :
OK-01-022218MSD

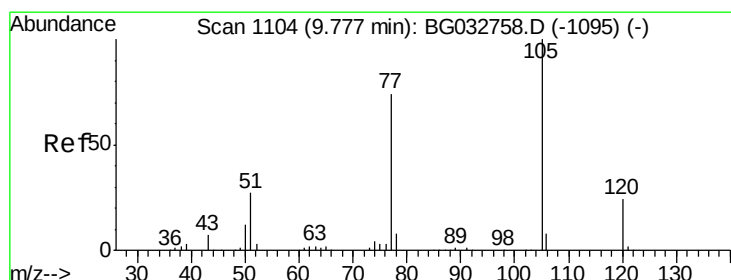
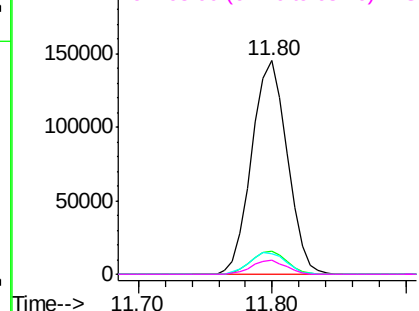
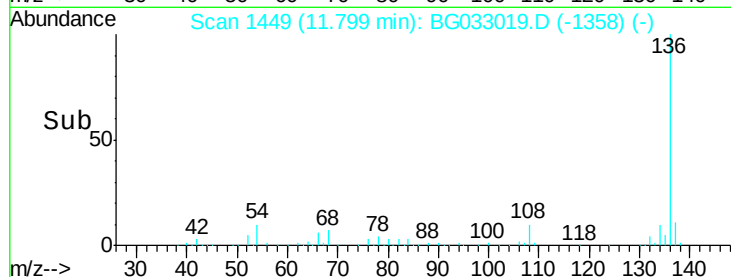
Tot Ion	Ratio	Resp	Lower	Upper
136	100	266551		
137	10.8		9.2	13.8
54	9.7		10.3	15.5
68	6.6		4.5	6.7

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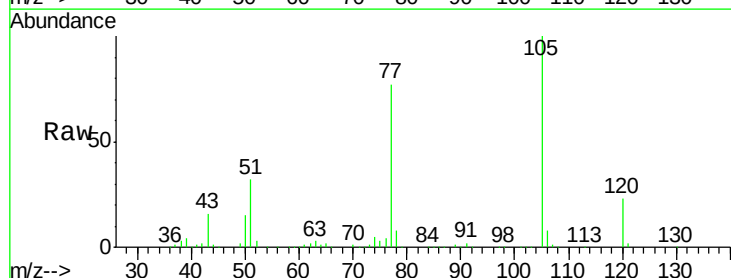


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

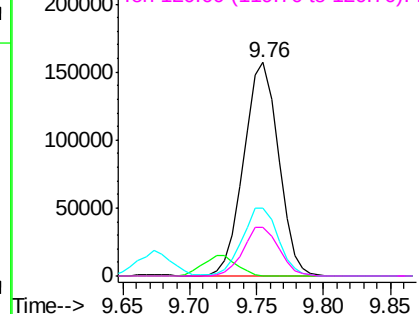
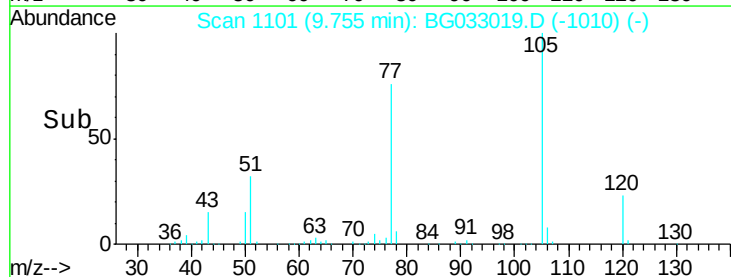


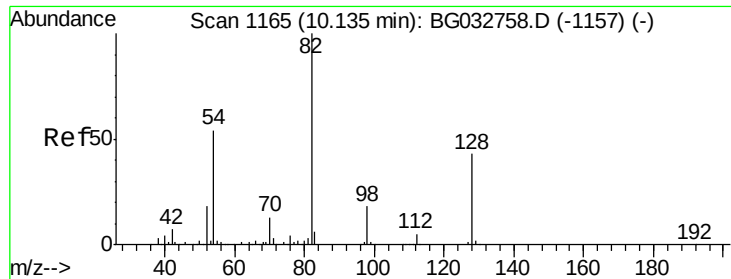
#22
Acetophenone
Concen: 42.211 ng
RT: 9.76 min Scan# 1101
Delta R.T. 0.00 min
Lab File: BG033019.D
Acq: 6 Mar 2018 13:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	284155		
71	0.2		3.0	4.4
51	32.1		26.1	39.1
120	22.7		17.4	26.2



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





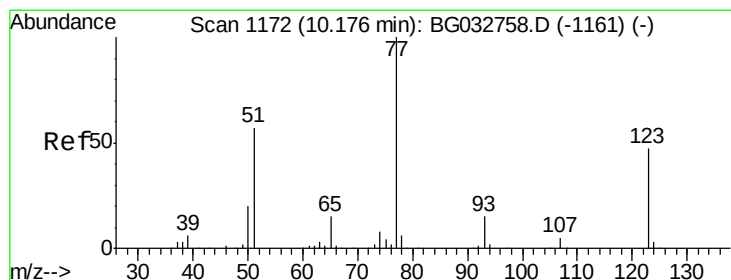
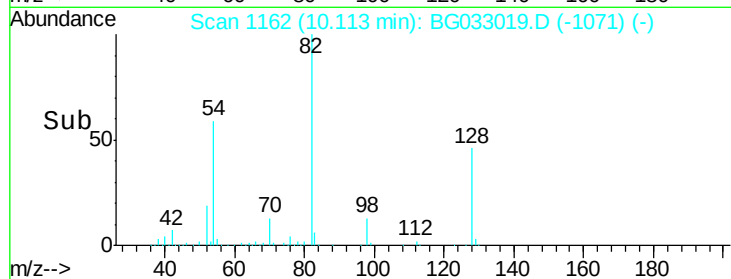
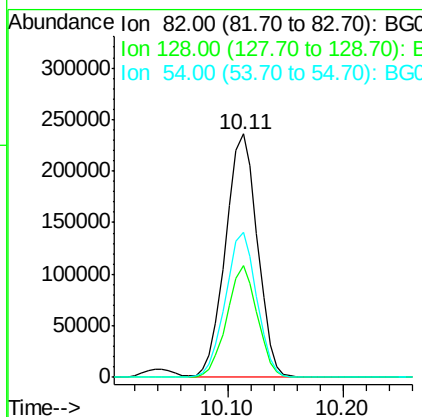
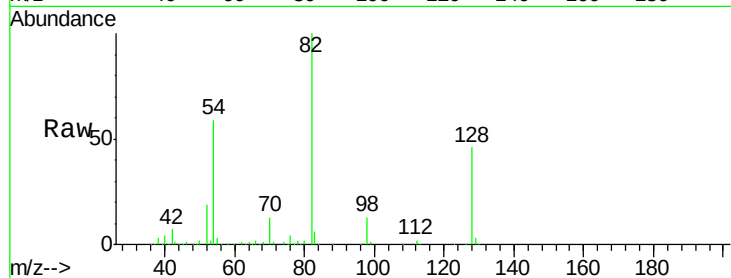
#23
 Nitrobenzene-d5
 Concen: 113.732 ng
 RT: 10.11 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: BG033019.D
 Acq: 6 Mar 2018 13:06

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-022218MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.7	29.7	44.5#
54	59.4	43.1	64.7

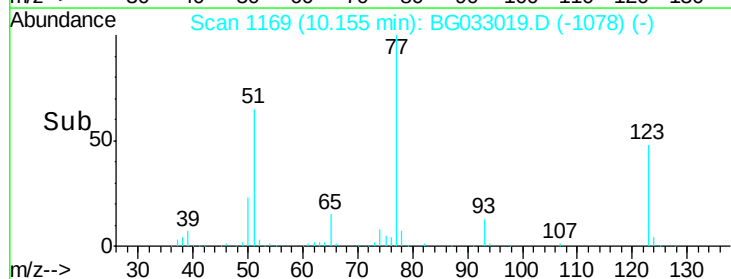
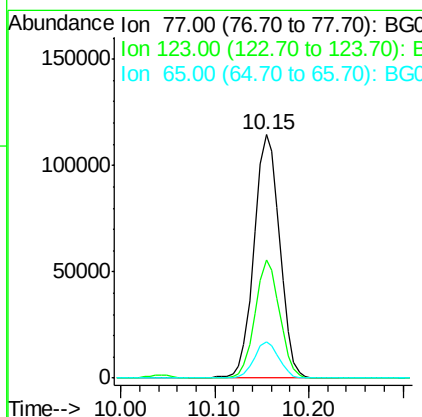
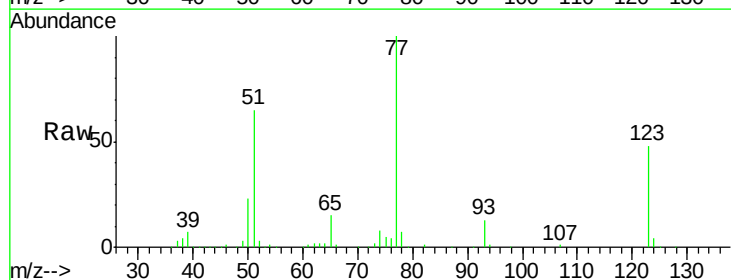
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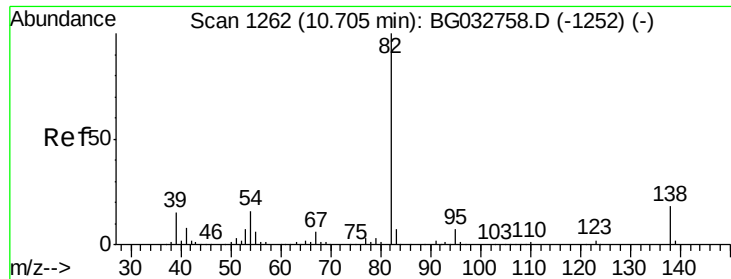
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#24
 Nitrobenzene
 Concen: 50.509 ng
 RT: 10.15 min Scan# 1169
 Delta R.T. 0.00 min
 Lab File: BG033019.D
 Acq: 6 Mar 2018 13:06

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.5	33.0	49.6
65	14.8	13.0	19.6





#25

Isophorone

Concen: 45.469 ng

RT: 10.68 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BG033019.D

Acq: 6 Mar 2018 13:06

Instrument :

BNA_G

ClientSampleId :

OK-01-022218MSD

Tot Ion: 82 Resp: 425399

Ion Ratio Lower Upper

82 100

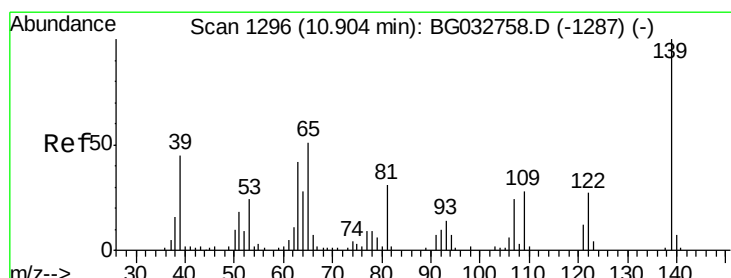
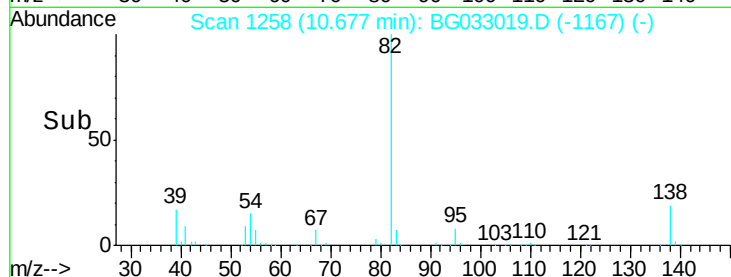
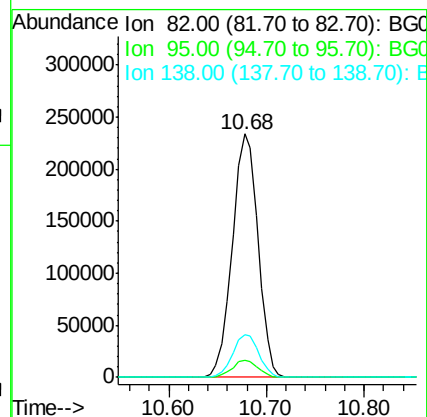
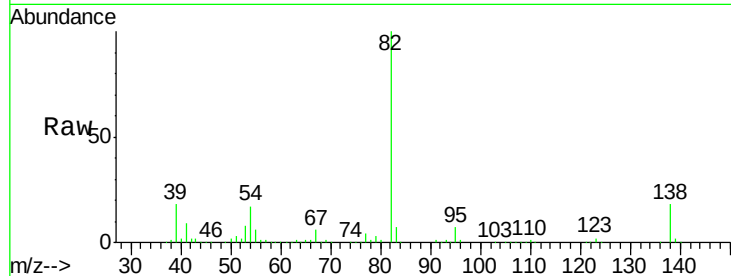
95 7.2 6.2 9.2

138 17.8 12.1 18.1

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#26

2-Nitrophenol

Concen: 62.946 ng

RT: 10.88 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BG033019.D

Acq: 6 Mar 2018 13:06

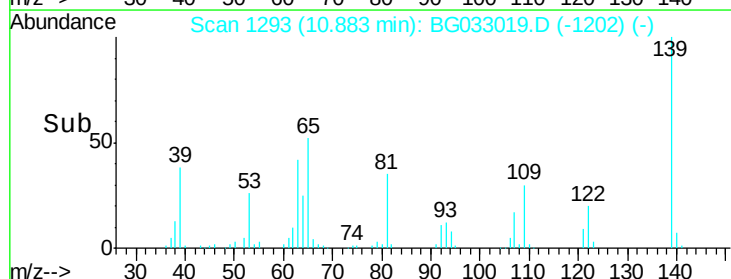
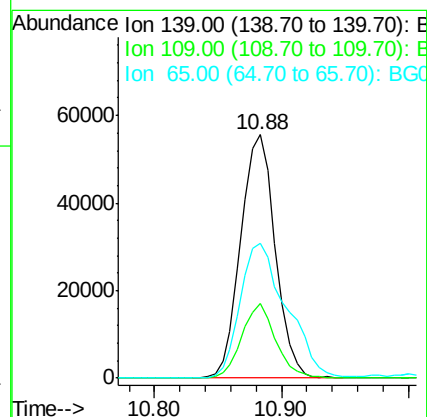
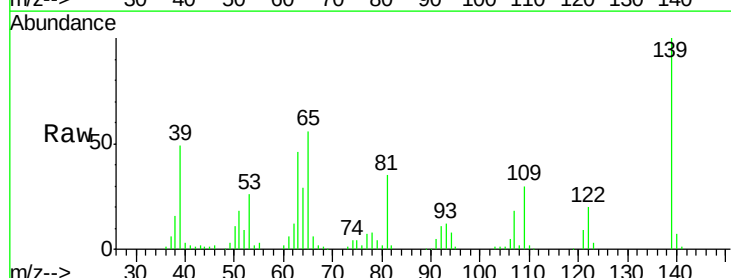
Tgt Ion: 139 Resp: 105047

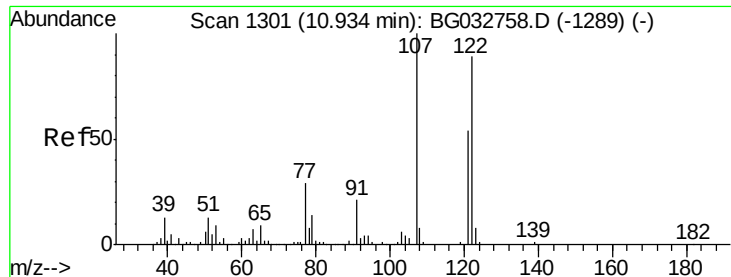
Ion Ratio Lower Upper

139 100

109 30.4 24.2 36.2

65 55.6 47.4 71.0





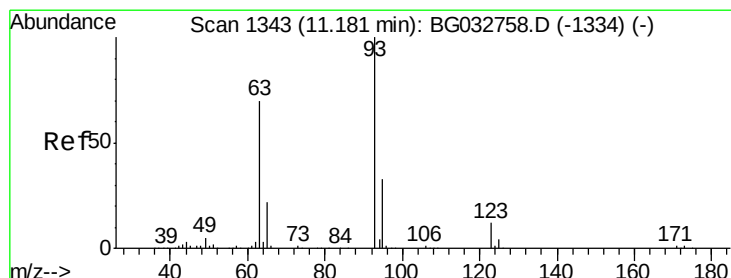
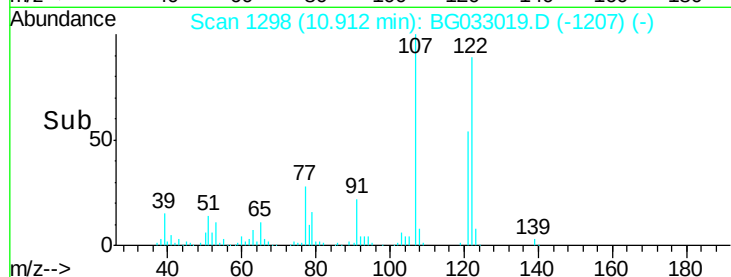
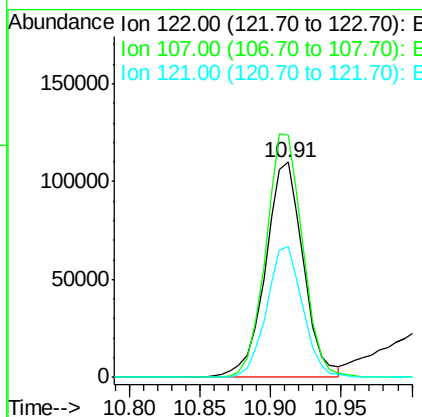
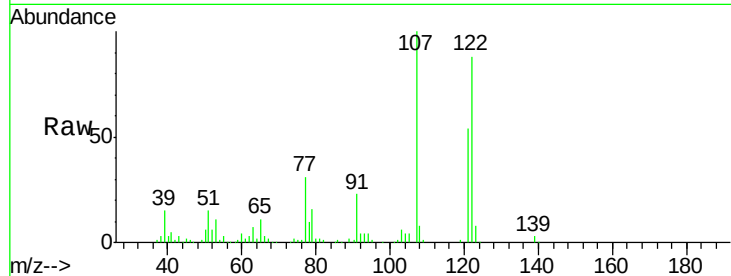
#27
2,4-Dimethylphenol
Concen: 50.665 ng
RT: 10.91 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BG033019.D
Acq: 6 Mar 2018 13:06

Instrument :
BNA_G
ClientSampleId :
OK-01-022218MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.0	100.2	150.2
121	60.7	44.4	66.6

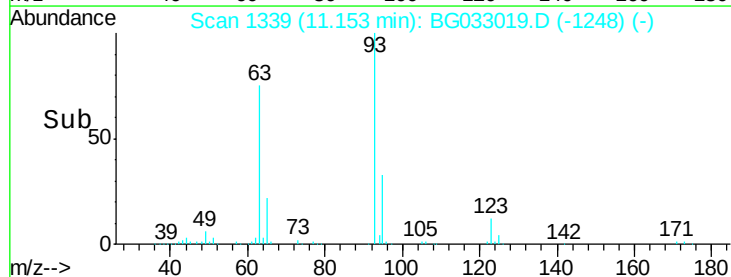
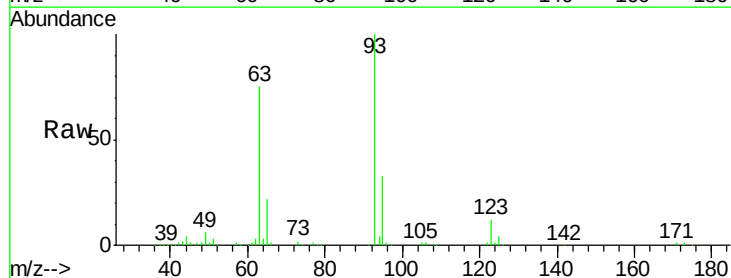
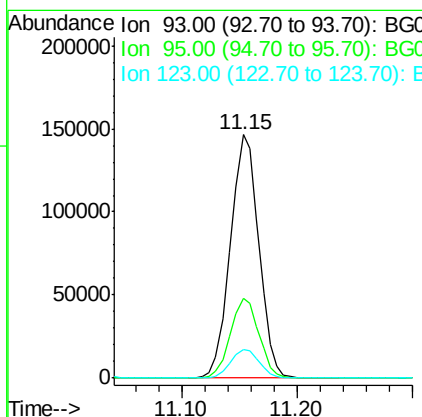
Manual Integrations
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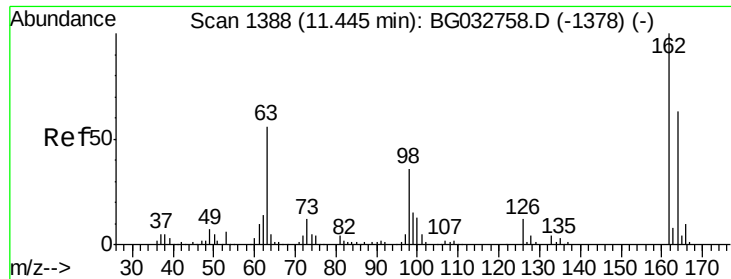
Sohil
3/7/2018 12:10:55 PM



#28
bis(2-Chloroethoxy)methane
Concen: 45.629 ng
RT: 11.15 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG033019.D
Acq: 6 Mar 2018 13:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	24.3	36.5
123	11.6	8.4	12.6





#29

2,4-Dichlorophenol

Concen: 49.957 ng

RT: 11.42 min Scan# 1385

Delta R.T. 0.00 min

Lab File: BG033019.D

Acq: 6 Mar 2018 13:06

Instrument :

BNA_G

ClientSampleId :

OK-01-022218MSD

Tot Ion:162 Resp: 184276

Ion Ratio Lower Upper

162 100

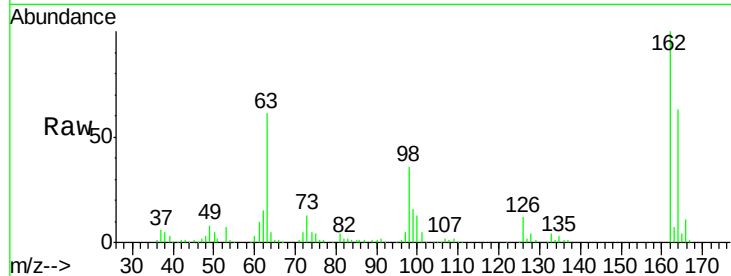
164 62.6 48.0 88.0

98 36.1 21.1 61.1

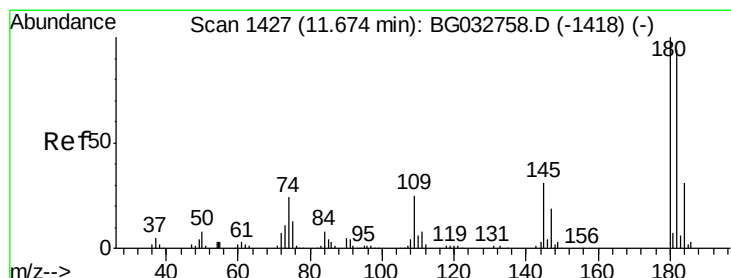
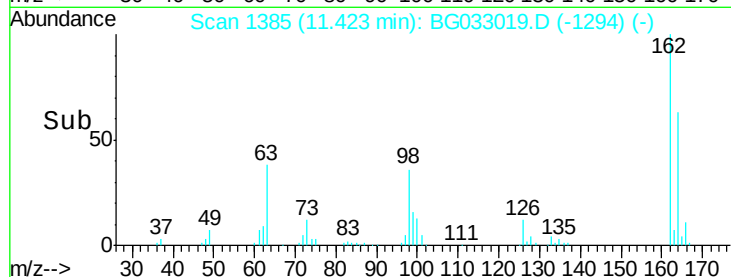
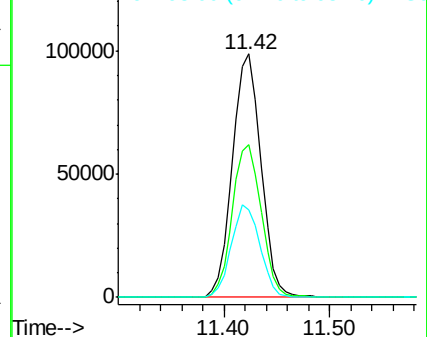
Manual Integrations
APPROVED

Sohil

3/7/2018 12:10:55 PM



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 39.683 ng

RT: 11.65 min Scan# 1424

Delta R.T. 0.00 min

Lab File: BG033019.D

Acq: 6 Mar 2018 13:06

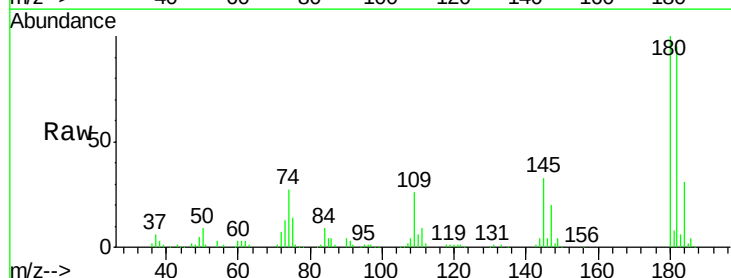
Tgt Ion:180 Resp: 171587

Ion Ratio Lower Upper

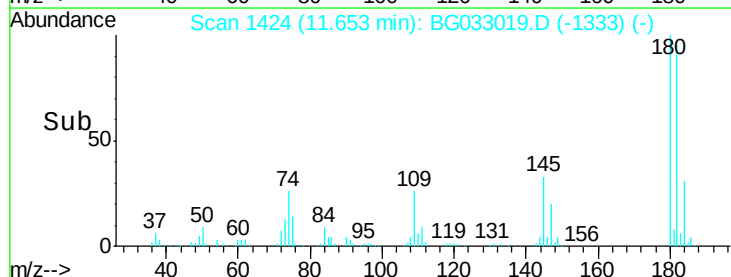
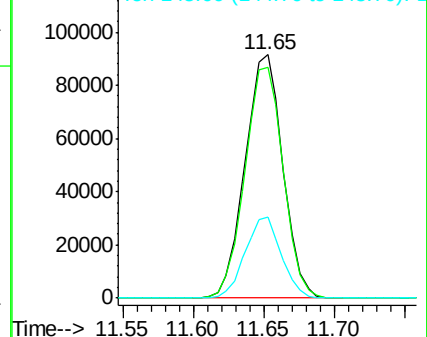
180 100

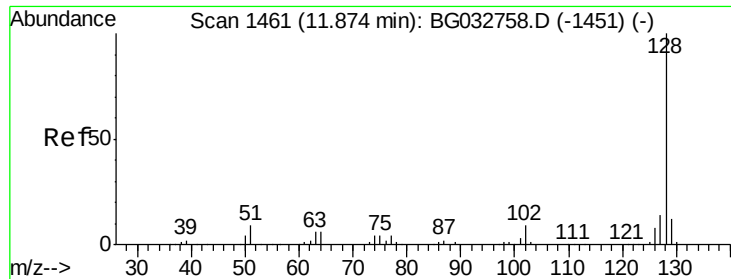
182 94.6 77.5 116.3

145 33.0 23.4 35.2



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





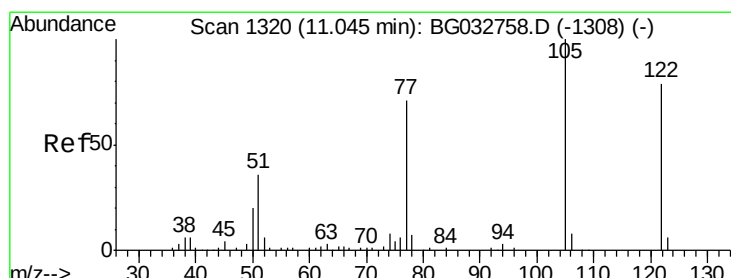
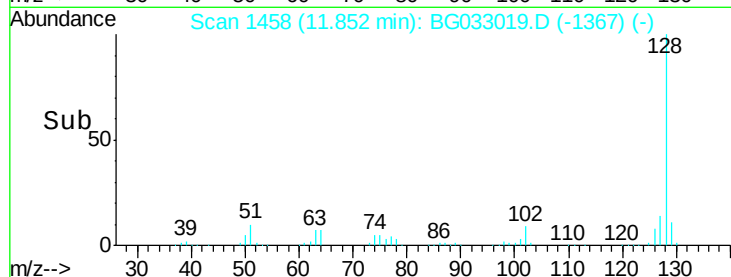
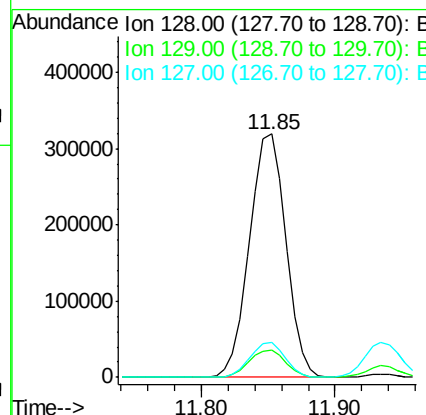
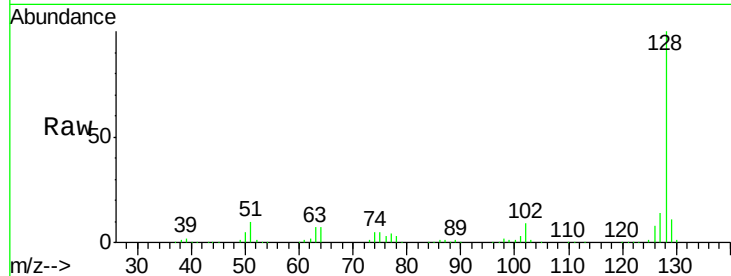
#31
Naphthalene
Concen: 43.228 ng
RT: 11.85 min Scan# 1458
Delta R.T. 0.00 min
Lab File: BG033019.D
Acq: 6 Mar 2018 13:06

Instrument :
BNA_G
ClientSampleId :
OK-01-022218MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	12.8
127	14.3	11.6	17.4

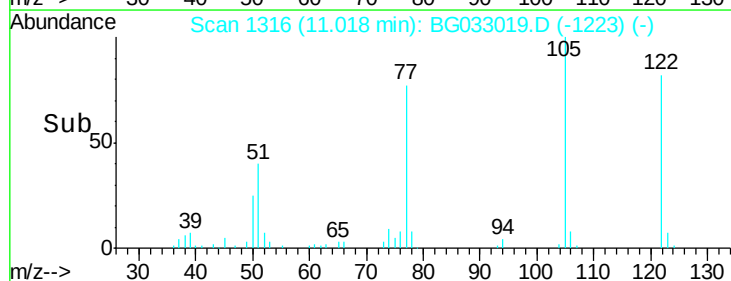
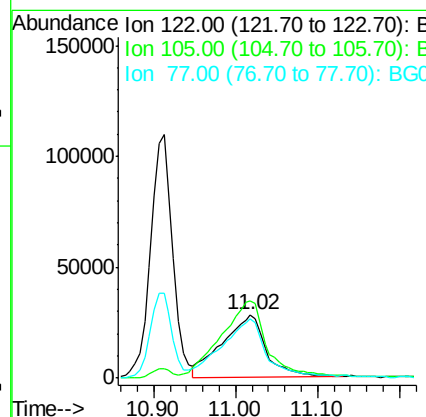
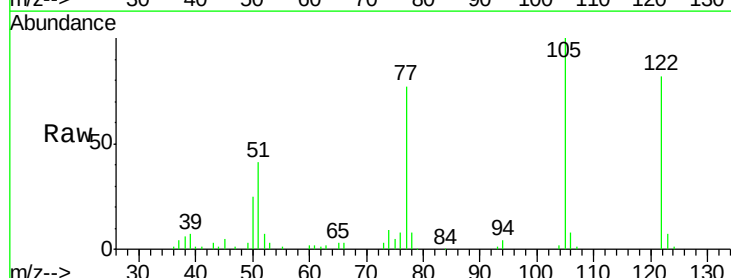
Manual Integrations
APPROVED

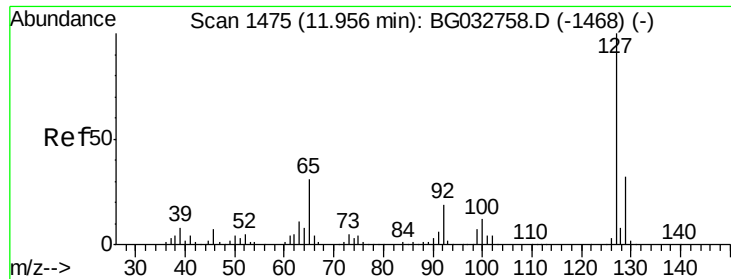
Sohil
3/7/2018 12:10:55 PM



#32
Benzoic acid
Concen: 43.249 ng
RT: 11.02 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BG033019.D
Acq: 6 Mar 2018 13:06

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.3	123.5	163.5#
77	93.8	85.7	125.7





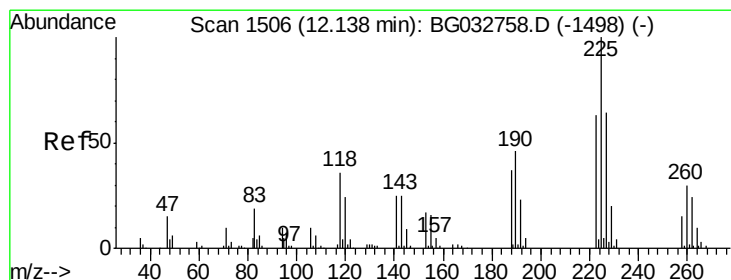
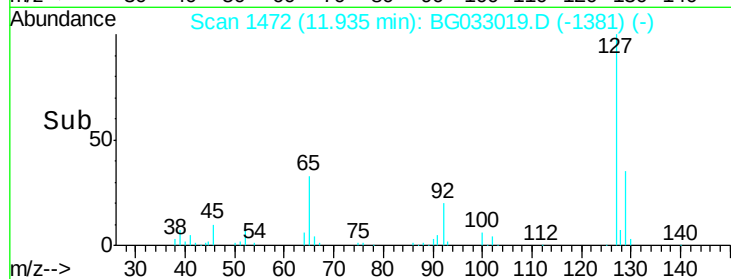
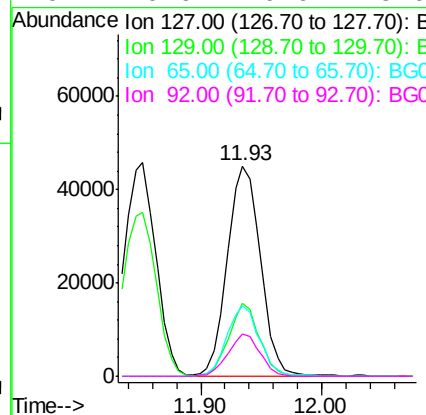
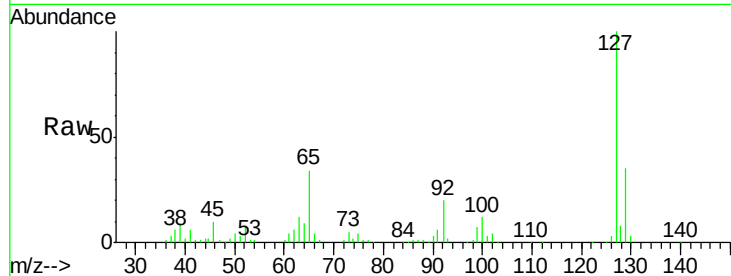
#33
4-Chloroaniline
Concen: 13.820 ng
RT: 11.93 min Scan# 1472
Delta R.T. 0.00 min
Lab File: BG033019.D
Acq: 6 Mar 2018 13:06

Instrument :
BNA_G
ClientSampleId :
OK-01-022218MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	34.8	24.0	36.0
65	33.7	27.0	40.4
92	19.9	16.6	25.0

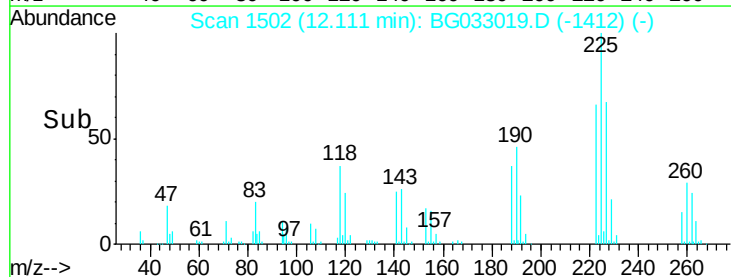
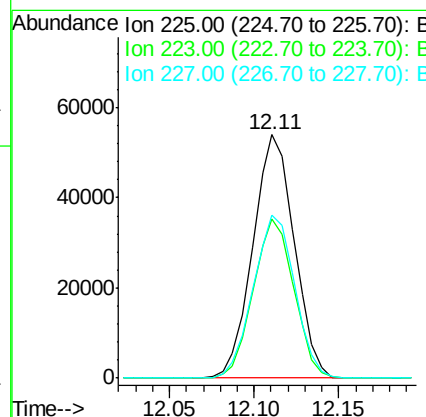
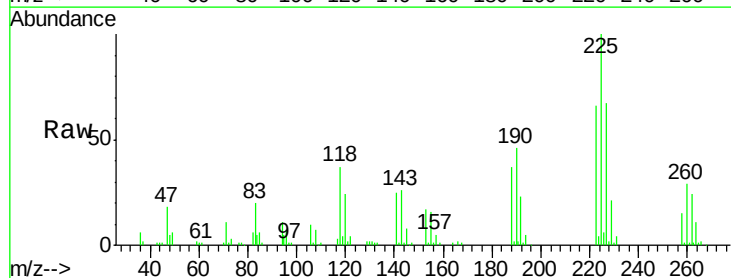
Manual Integrations
APPROVED

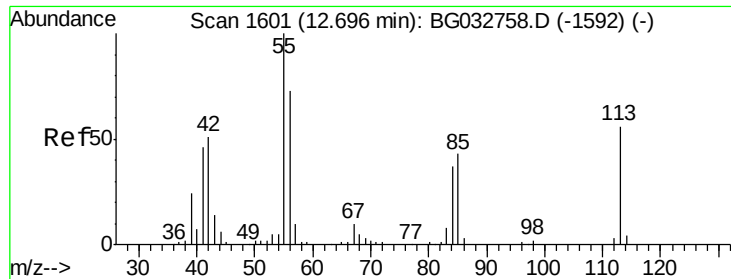
Sohil
3/7/2018 12:10:55 PM



#34
Hexachlorobutadiene
Concen: 37.860 ng
RT: 12.11 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BG033019.D
Acq: 6 Mar 2018 13:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.6	49.7	74.5
227	67.0	48.1	72.1





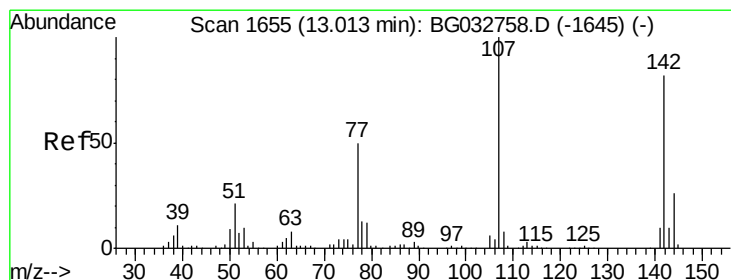
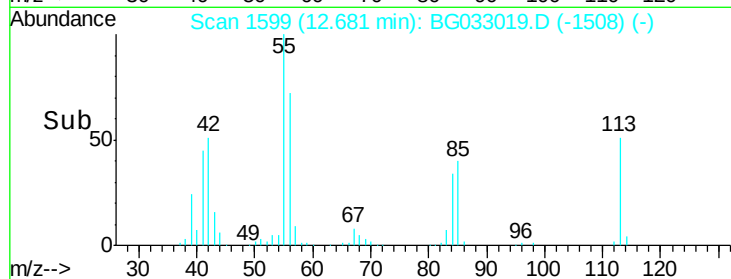
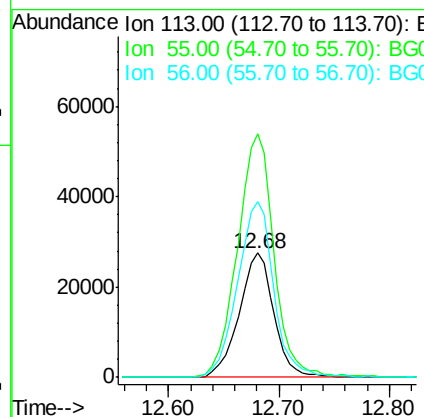
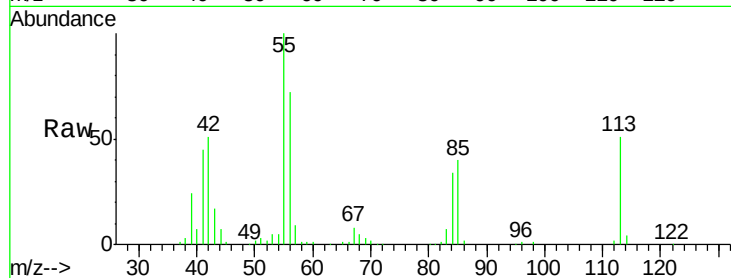
#35
 Caprolactam
 Concen: 40.967 ng
 RT: 12.68 min Scan# 1599
 Delta R.T. 0.00 min
 Lab File: BG033019.D
 Acq: 6 Mar 2018 13:06

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-022218MSD

Tot Ion:113 Resp: 60509
 Ion Ratio Lower Upper
 113 100
 55 196.2 186.9 226.9
 56 141.7 130.9 170.9

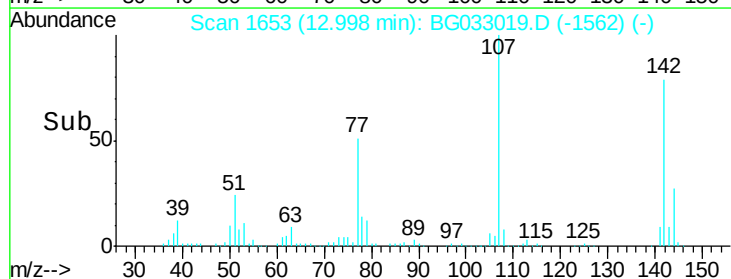
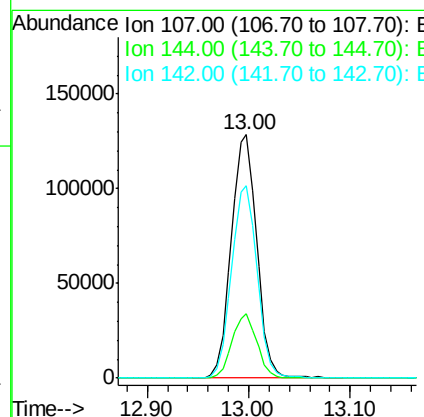
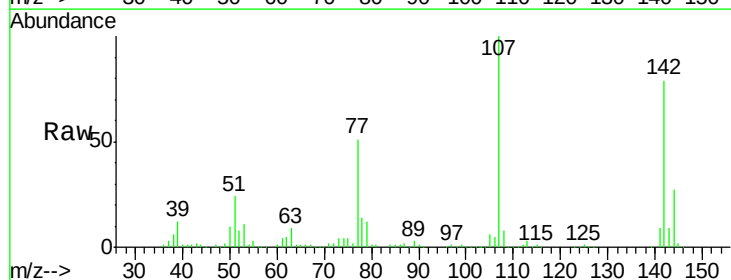
Manual Integrations
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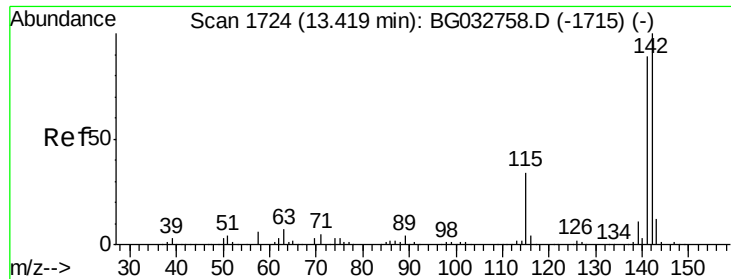
Sohil
 3/7/2018 12:10:55 PM



#36
 4-Chloro-3-methylphenol
 Concen: 52.403 ng
 RT: 13.00 min Scan# 1653
 Delta R.T. 0.00 min
 Lab File: BG033019.D
 Acq: 6 Mar 2018 13:06

Tgt Ion:107 Resp: 224945
 Ion Ratio Lower Upper
 107 100
 144 26.5 18.2 27.4
 142 78.9 59.0 88.4





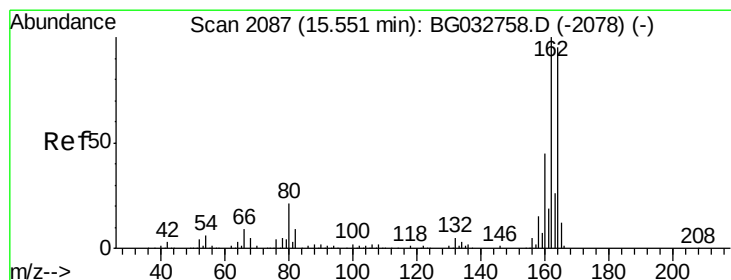
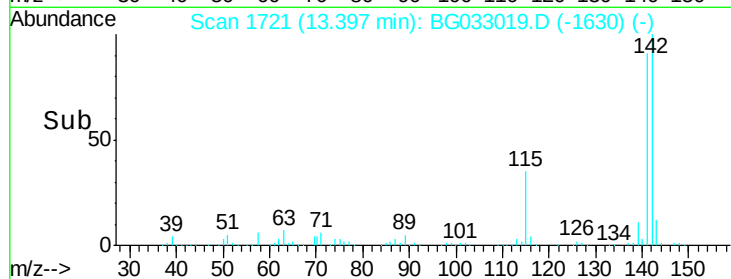
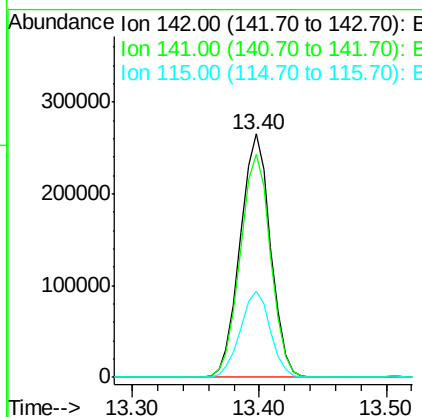
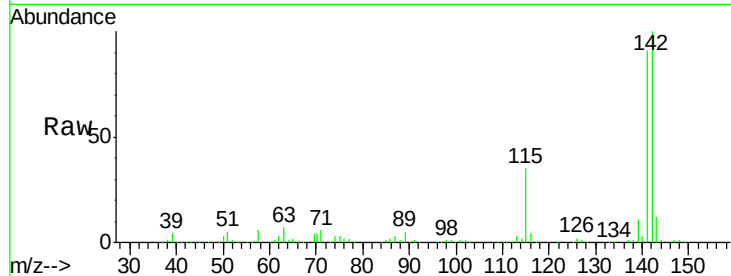
#37
2-Methylnaphthalene
Concen: 43.587 ng
RT: 13.40 min Scan# 1721
Delta R.T. 0.00 min
Lab File: BG033019.D
Acq: 6 Mar 2018 13:06

Instrument :
BNA_G
ClientSampleId :
OK-01-022218MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.4	67.1	100.7
115	35.5	30.7	46.1

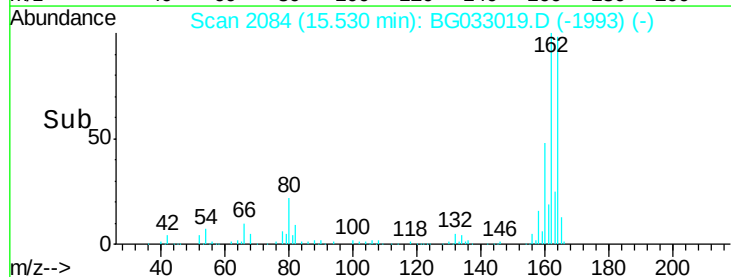
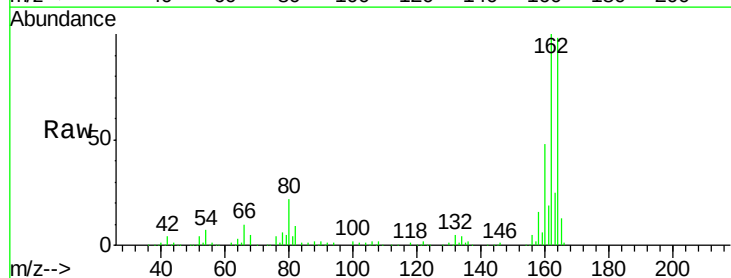
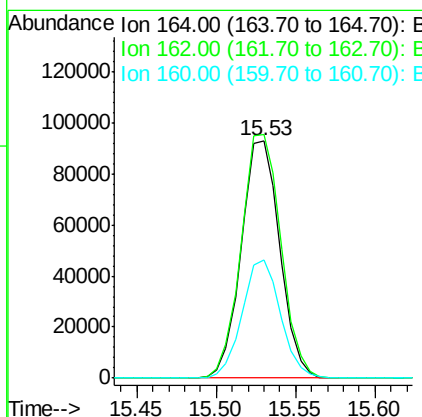
Manual Integrations
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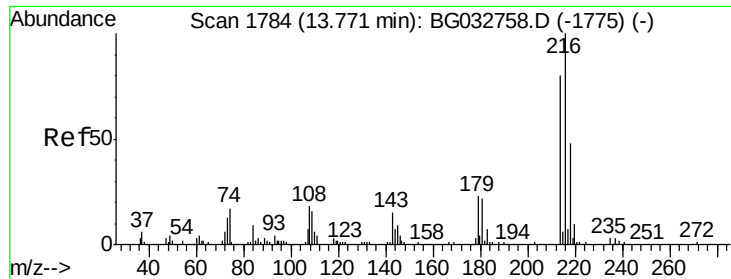
Sohil
3/7/2018 12:10:55 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.53 min Scan# 2084
Delta R.T. 0.00 min
Lab File: BG033019.D
Acq: 6 Mar 2018 13:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	78.8	118.2
160	49.7	35.4	53.0





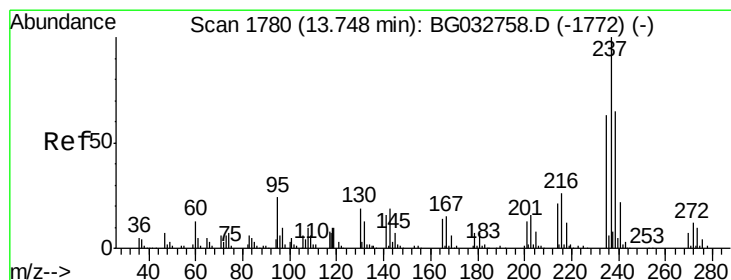
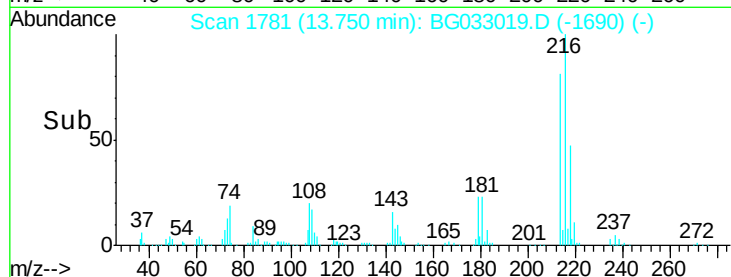
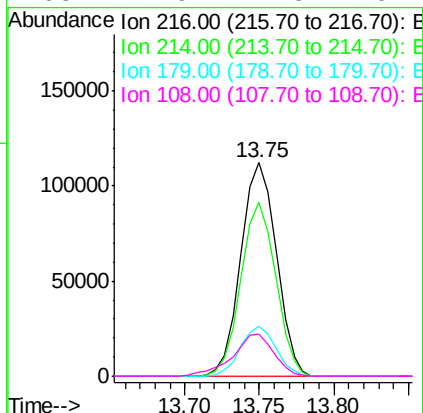
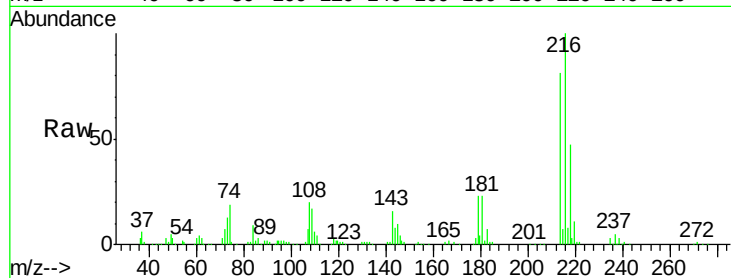
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.924 ng
 RT: 13.75 min Scan# 1781
 Delta R.T. 0.00 min
 Lab File: BG033019.D
 Acq: 6 Mar 2018 13:06

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-022218MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		185964		
214	79.6	63.0	94.4		
179	23.3	17.0	25.6		
108	22.9	12.8	19.2		

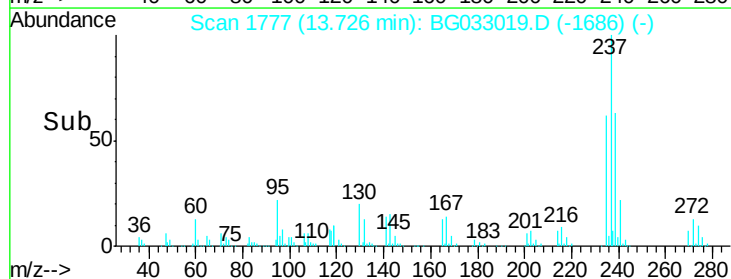
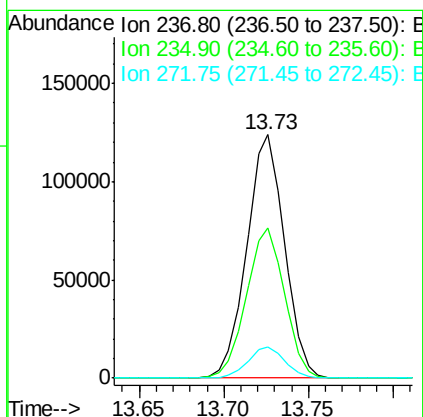
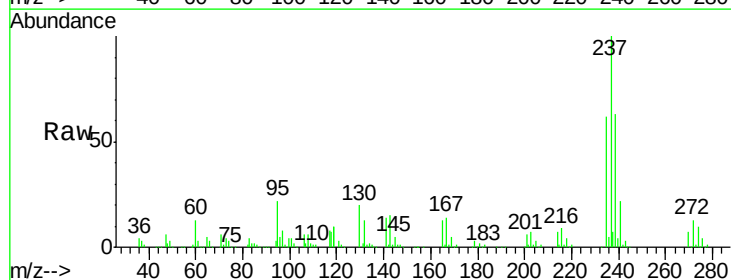
Manual Integrations
 APPROVED

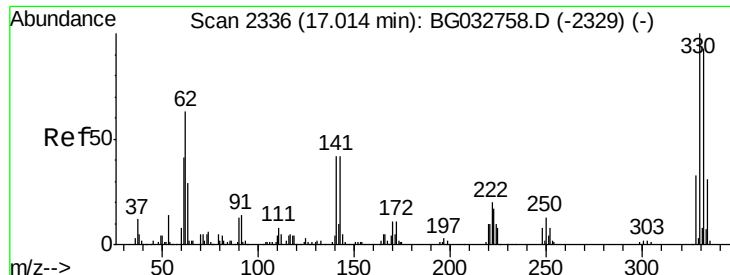
Sohil
 3/7/2018 12:10:55 PM



#40
 Hexachlorocyclopentadiene
 Concen: 80.689 ng
 RT: 13.73 min Scan# 1777
 Delta R.T. 0.00 min
 Lab File: BG033019.D
 Acq: 6 Mar 2018 13:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		191544		
235	61.7	50.4	90.4		
272	12.6	0.0	31.8		





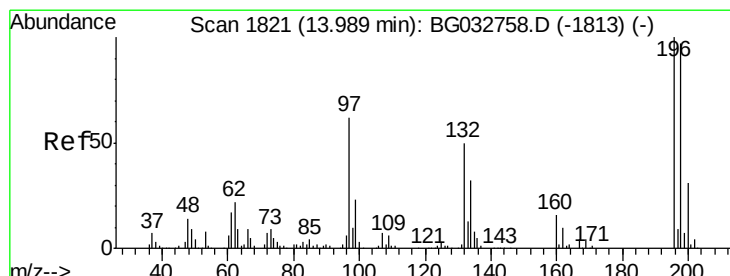
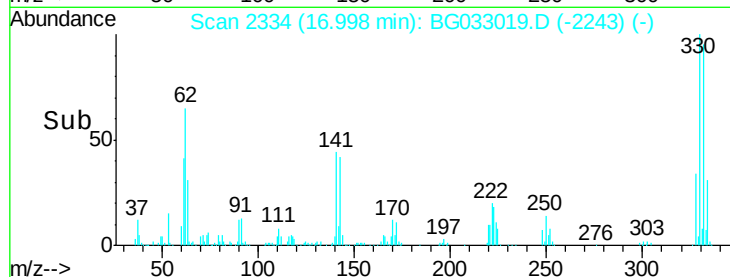
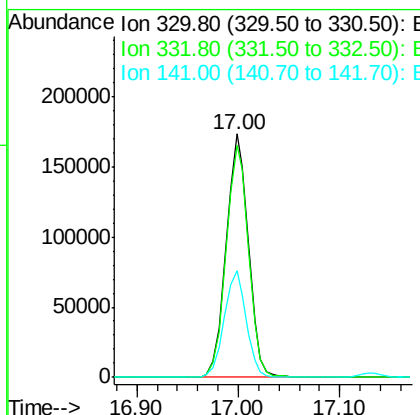
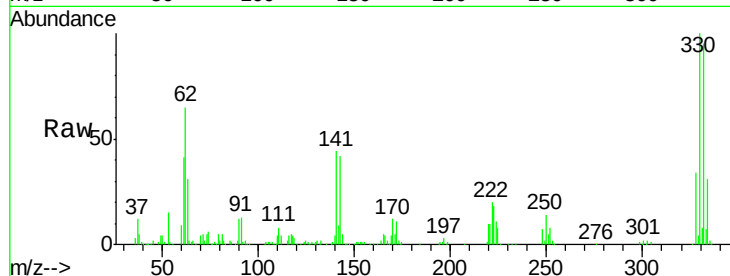
#41
 2,4,6-Tribromophenol
 Concen: 159.241 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. 0.00 min
 Lab File: BG033019.D
 Acq: 6 Mar 2018 13:06

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-022218MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	262725		
332	96.6	77.0	115.6	
141	43.6	25.2	37.8	

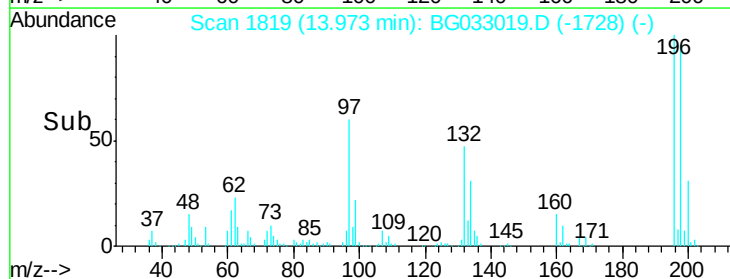
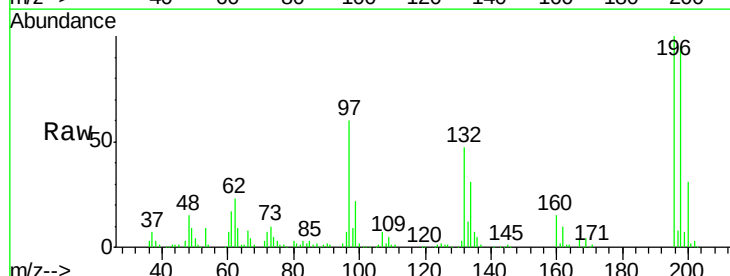
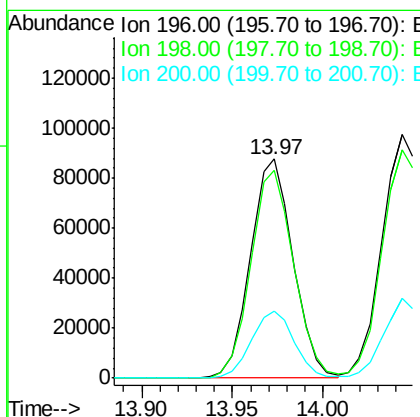
Manual Integrations
 APPROVED

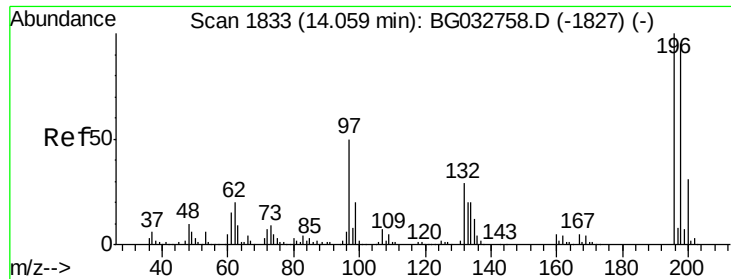
Sohil
 3/7/2018 12:10:55 PM



#42
 2,4,6-Trichlorophenol
 Concen: 48.978 ng
 RT: 13.97 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: BG033019.D
 Acq: 6 Mar 2018 13:06

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	143870		
198	95.1	78.2	117.2	
200	30.9	24.6	36.8	





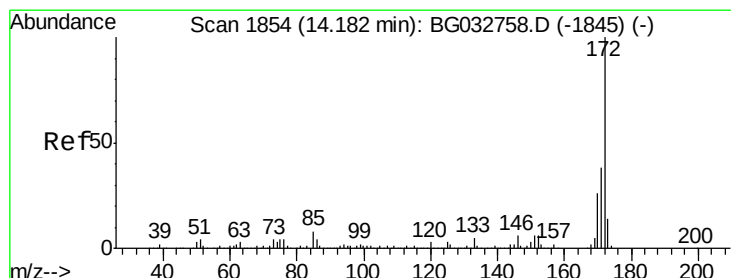
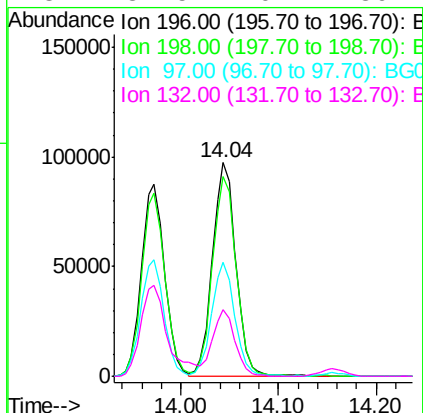
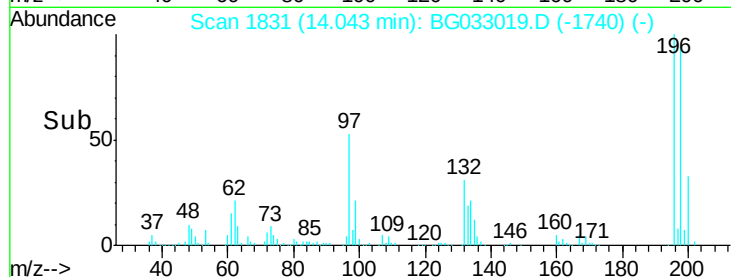
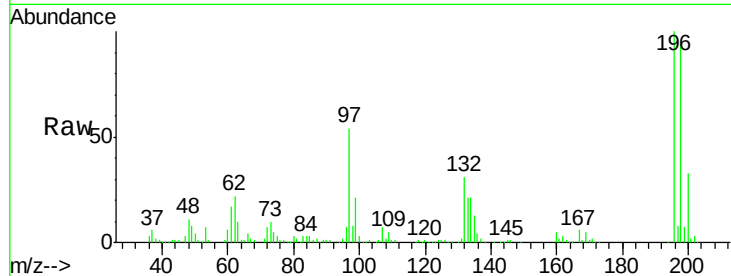
#43
 2,4,5-Trichlorophenol
 Concen: 47.852 ng
 RT: 14.04 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: BG033019.D
 Acq: 6 Mar 2018 13:06

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-022218MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
196	100		
198	93.6	76.2	114.4
97	53.5	38.7	58.1
132	31.5	20.2	30.2

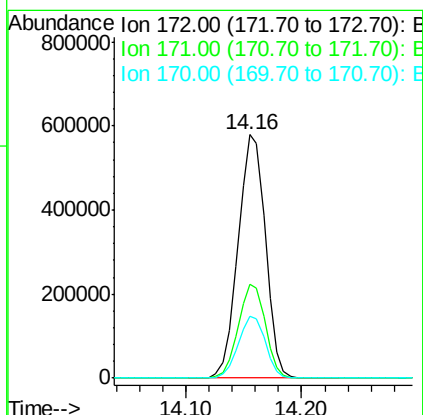
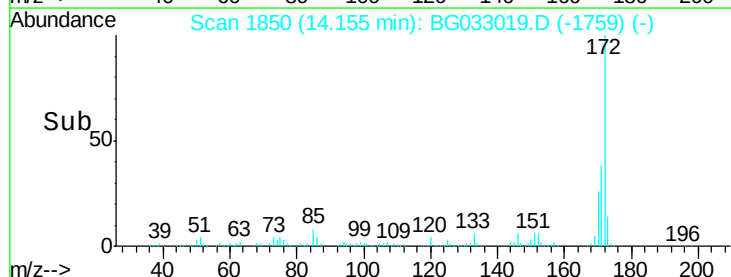
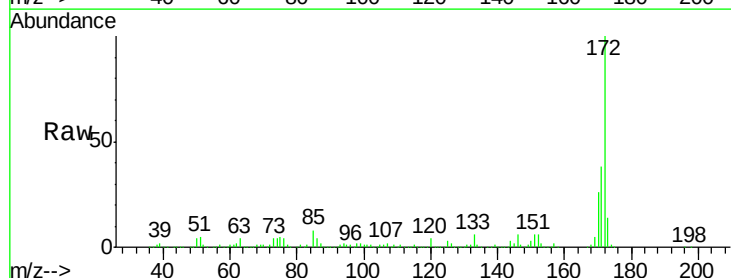
Manual Integrations
 APPROVED

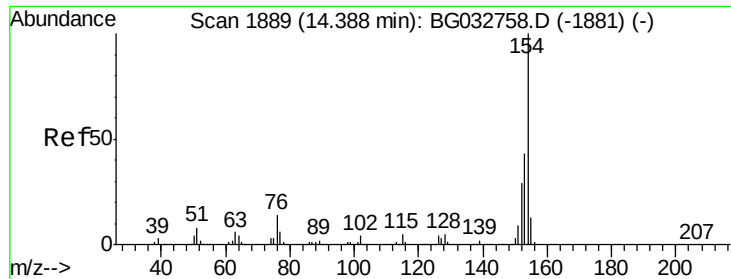
Sohil
 3/7/2018 12:10:55 PM



#44
 2-Fluorobiphenyl
 Concen: 86.929 ng
 RT: 14.16 min Scan# 1850
 Delta R.T. 0.00 min
 Lab File: BG033019.D
 Acq: 6 Mar 2018 13:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	38.5	30.0	45.0
170	25.5	19.5	29.3





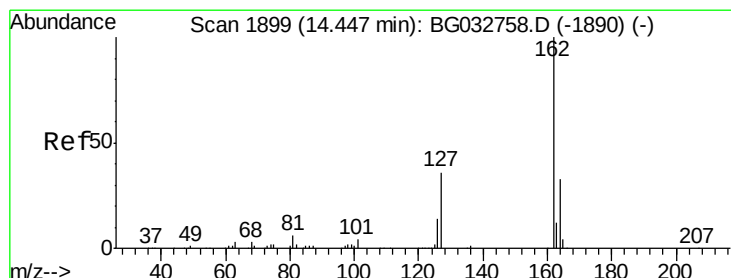
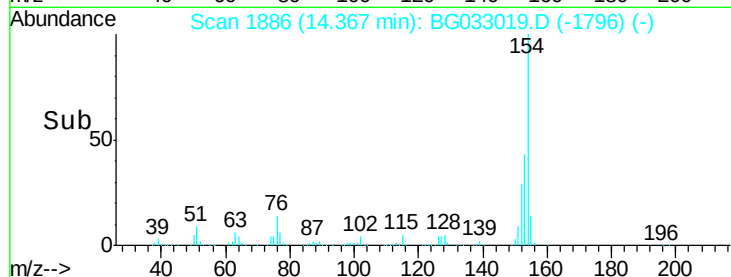
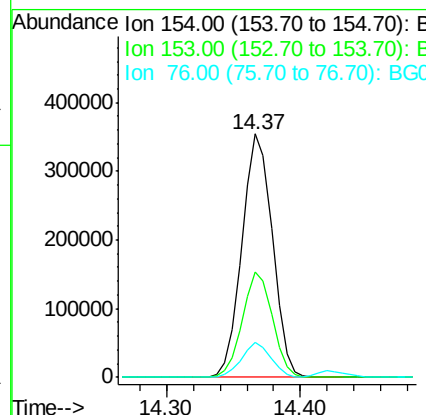
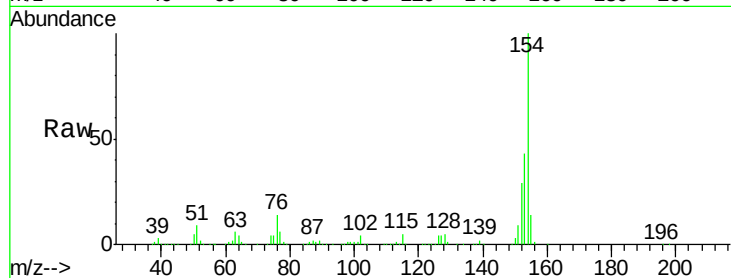
#45
1,1'-Biphenyl
Concen: 40.661 ng
RT: 14.37 min Scan# 1886
Delta R.T. -0.00 min
Lab File: BG033019.D
Acq: 6 Mar 2018 13:06

Instrument :
BNA_G
ClientSampleId :
OK-01-022218MSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	43.1	19.8	59.8	
76	14.2	0.0	31.9	

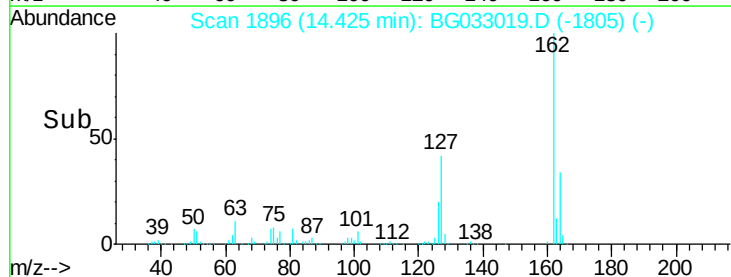
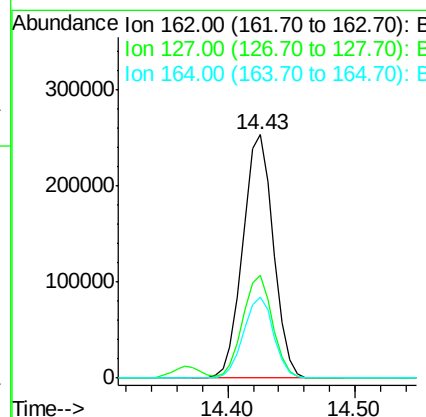
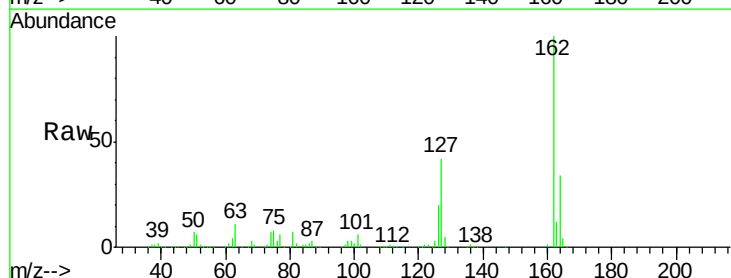
Manual Integrations
APPROVED

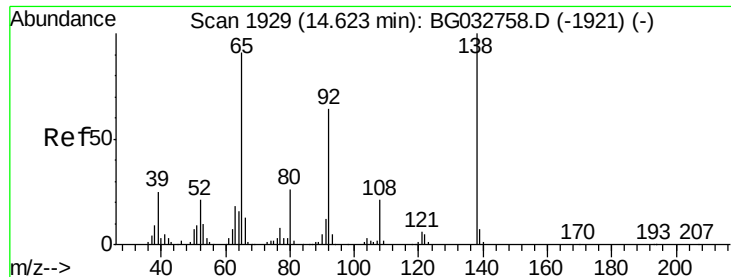
Sohil
3/7/2018 12:10:55 PM



#46
2-Chloronaphthalene
Concen: 41.171 ng
RT: 14.43 min Scan# 1896
Delta R.T. 0.00 min
Lab File: BG033019.D
Acq: 6 Mar 2018 13:06

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	42.5	30.7	46.1	
164	33.5	26.0	39.0	





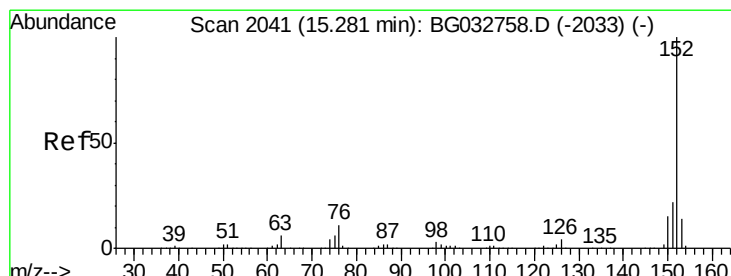
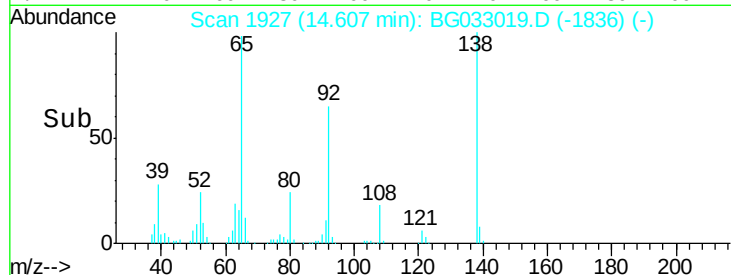
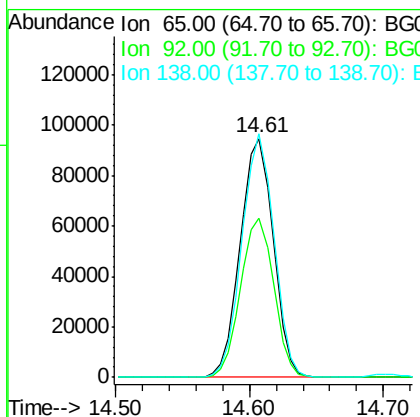
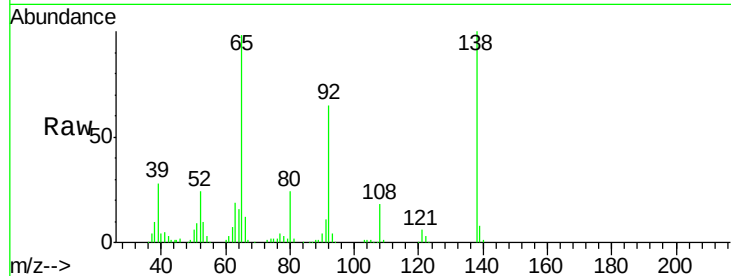
#47
2-Nitroaniline
Concen: 59.773 ng
RT: 14.61 min Scan# 1927
Delta R.T. 0.00 min
Lab File: BG033019.D
Acq: 6 Mar 2018 13:06

Instrument :
BNA_G
ClientSampleId :
OK-01-022218MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.5	54.6	82.0
138	102.1	72.9	109.3

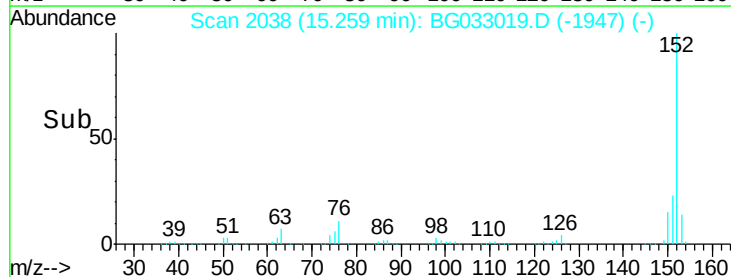
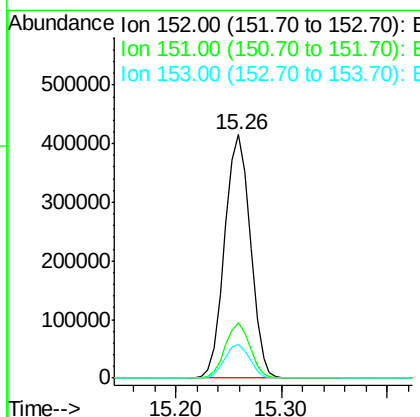
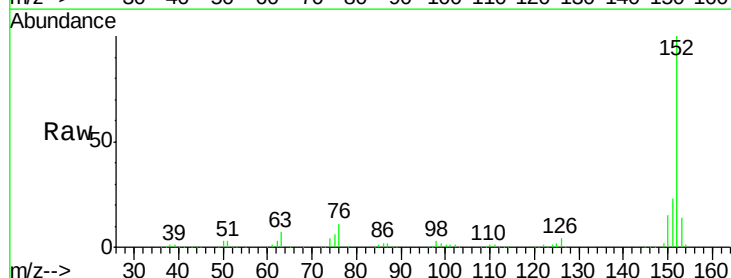
Manual Integrations
APPROVED

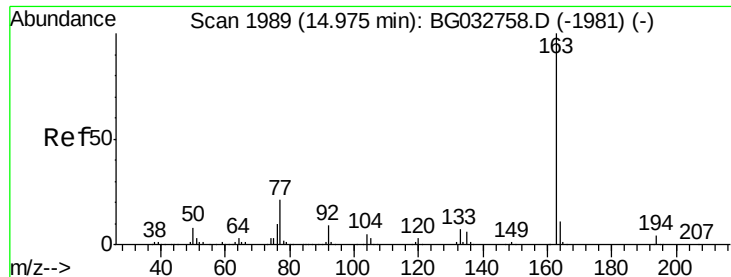
Sohil
3/7/2018 12:10:55 PM



#48
Acenaphthylene
Concen: 41.623 ng
RT: 15.26 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BG033019.D
Acq: 6 Mar 2018 13:06

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.7	17.2	25.8
153	13.7	10.2	15.4





#49

Dimethylphthalate

Concen: 42.452 ng

RT: 14.95 min Scan# 1986

Delta R.T. 0.00 min

Lab File: BG033019.D

Acq: 6 Mar 2018 13:06

Instrument :

BNA_G

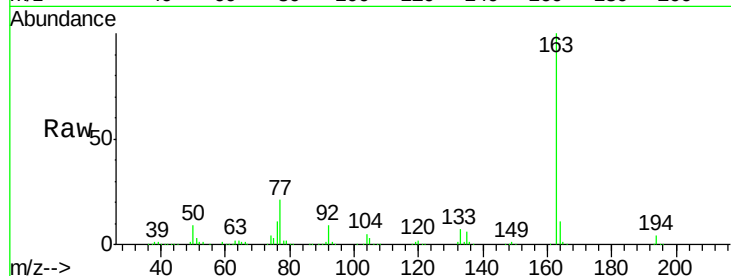
ClientSampleId :

OK-01-022218MSD

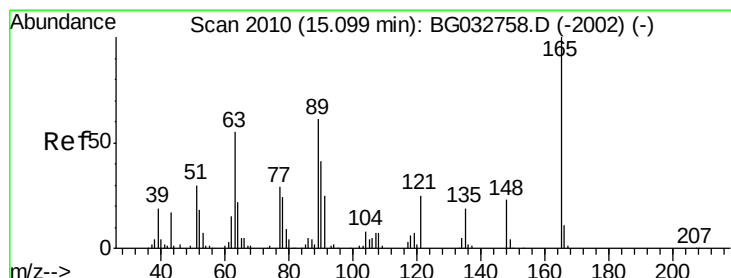
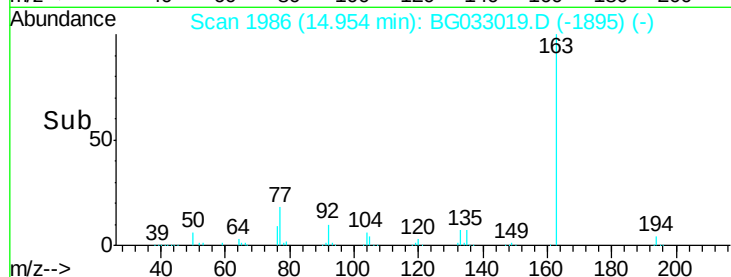
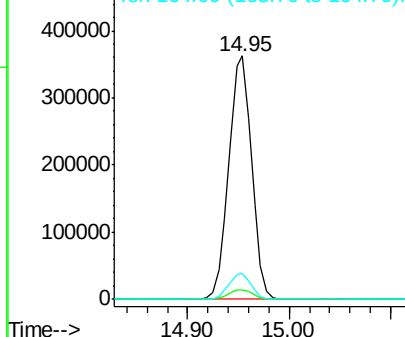
Tot Ion:	163	Resp:	565599
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.4	5.2
164	10.7	8.2	12.4

Manual Integrations
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3/7/2018 12:10:55 PM



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



#50

2,6-Dinitrotoluene

Concen: 55.842 ng

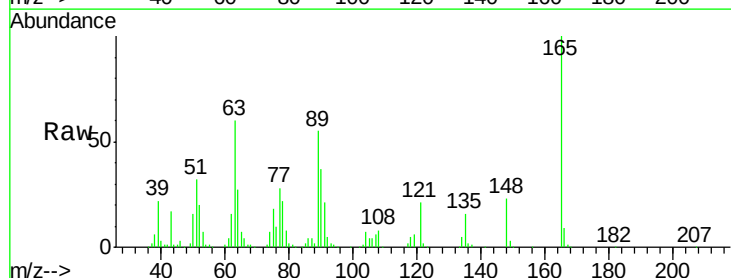
RT: 15.08 min Scan# 2008

Delta R.T. 0.01 min

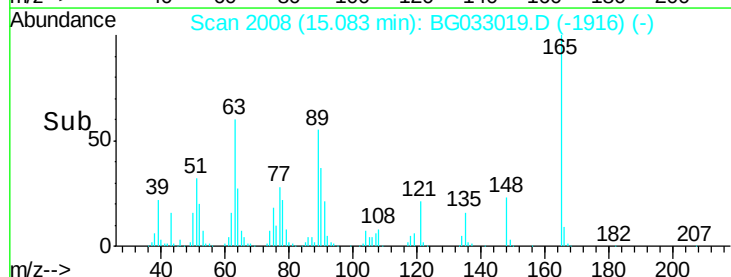
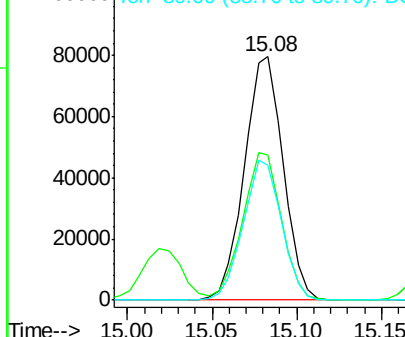
Lab File: BG033019.D

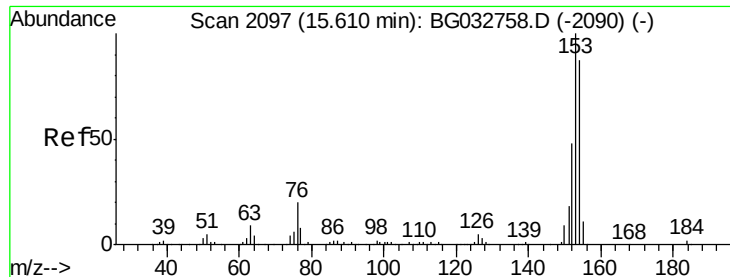
Acq: 6 Mar 2018 13:06

Tgt Ion:	165	Resp:	127077
Ion Ratio	Lower	Upper	
165	100		
63	59.6	52.7	79.1
89	55.3	49.2	73.8



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 44.802 ng

RT: 15.59 min Scan# 2095

Delta R.T. 0.00 min

Lab File: BG033019.D

Acq: 6 Mar 2018 13:06

Instrument :

BNA_G

ClientSampleId :

OK-01-022218MSD

Tot Ion:154 Resp: 467888

Ion Ratio Lower Upper

154 100

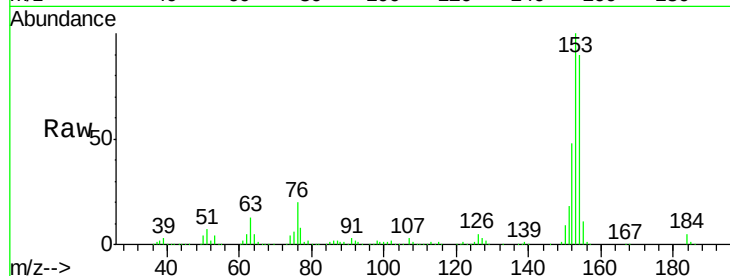
153 111.6 90.4 135.6

152 53.7 41.6 62.4

Manual Integrations
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3/7/2018 12:10:55 PM

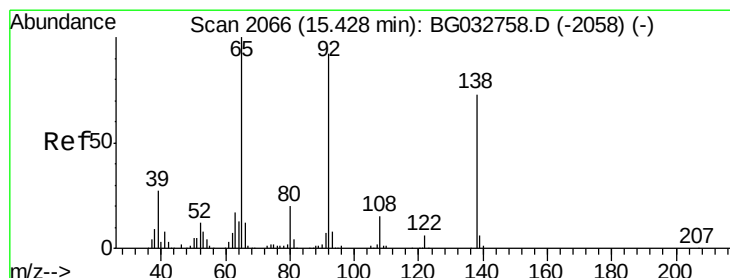
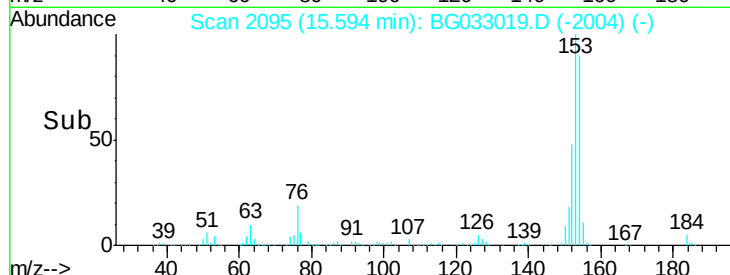
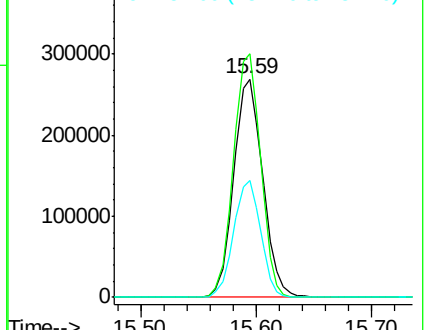


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 32.855 ng

RT: 15.41 min Scan# 2064

Delta R.T. 0.00 min

Lab File: BG033019.D

Acq: 6 Mar 2018 13:06

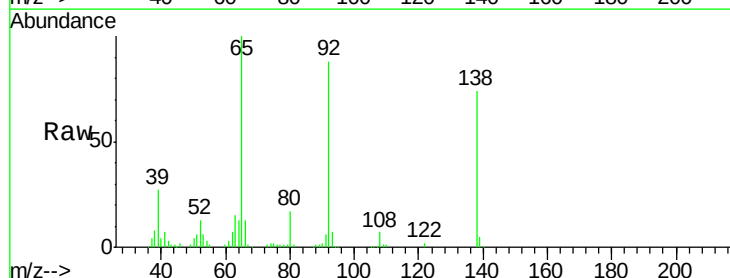
Tgt Ion:138 Resp: 81928

Ion Ratio Lower Upper

138 100

108 9.4 17.5 26.3#

92 118.6 105.8 158.8

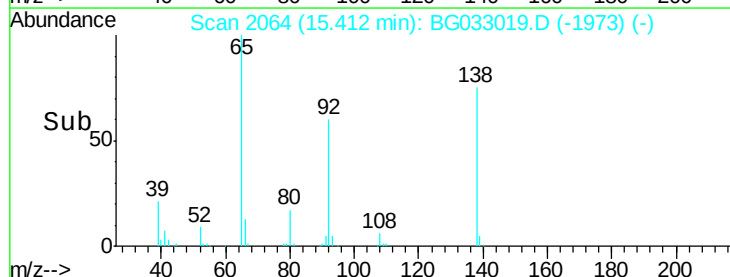
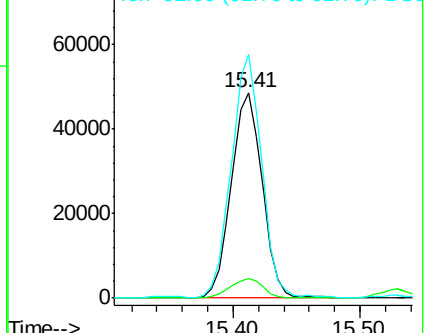


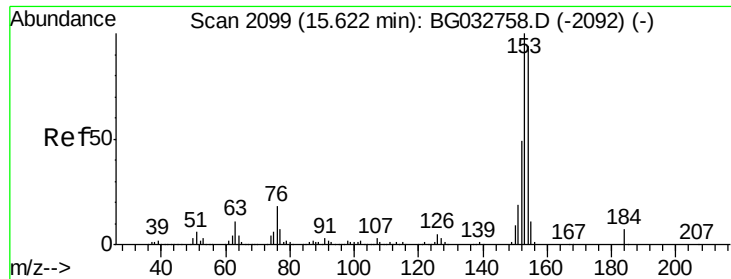
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





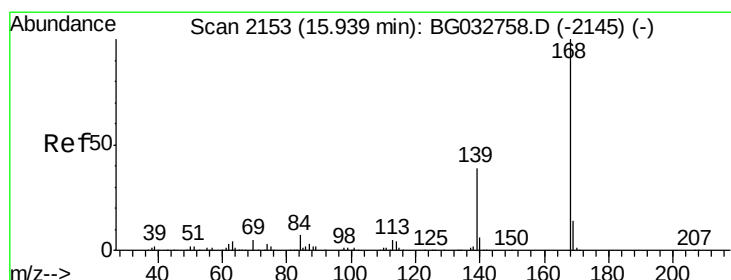
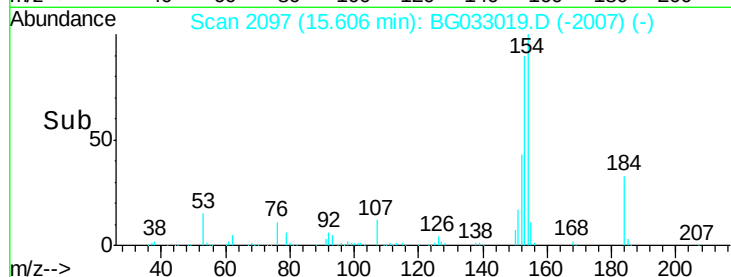
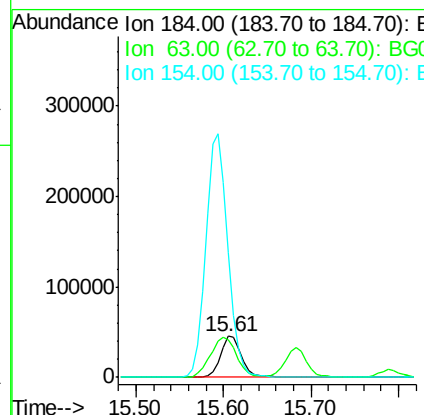
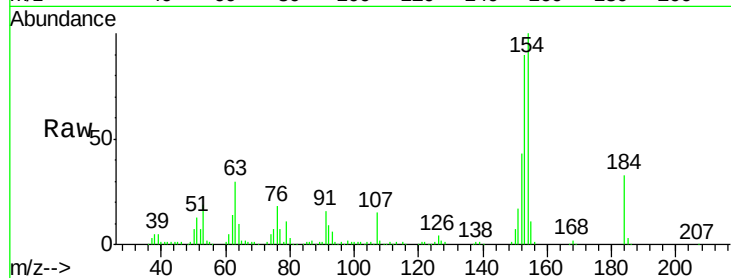
#53
2,4-Dinitrophenol
Concen: 101.237 ng
RT: 15.61 min Scan# 2097
Delta R.T. -0.00 min
Lab File: BG033019.D
Acq: 6 Mar 2018 13:06

Instrument :
BNA_G
ClientSampleId :
OK-01-022218MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	91.0	59.8	89.8#
154	304.5	101.8	152.8#

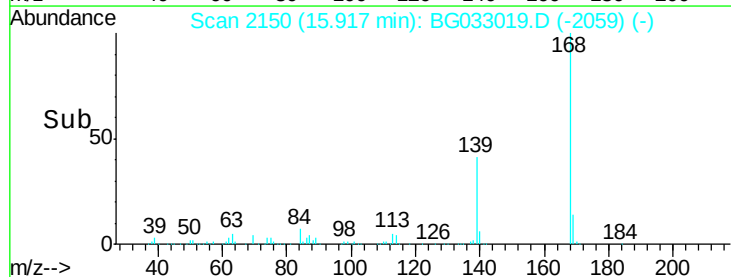
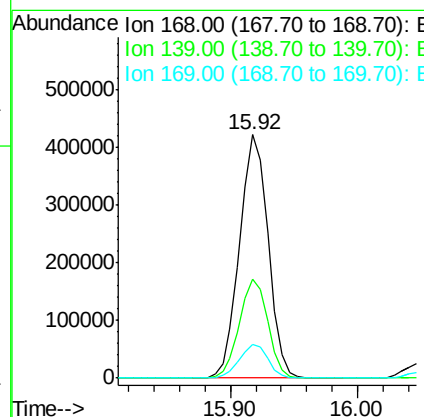
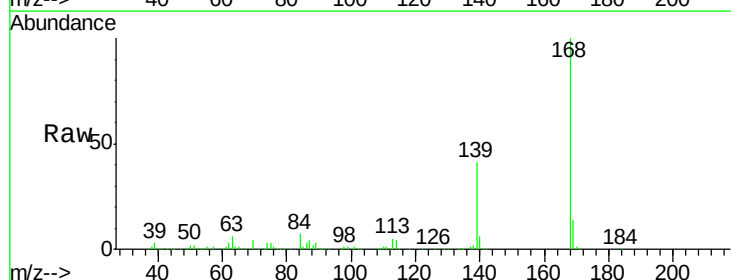
Manual Integrations
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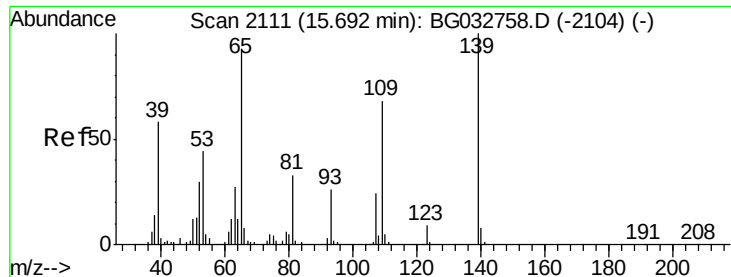
Sohil
3/7/2018 12:10:55 PM



#54
Dibenzofuran
Concen: 44.257 ng
RT: 15.92 min Scan# 2150
Delta R.T. 0.00 min
Lab File: BG033019.D
Acq: 6 Mar 2018 13:06

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.8	28.6	43.0
169	13.7	11.2	16.8





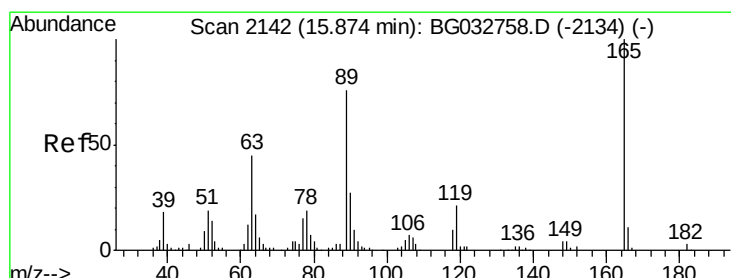
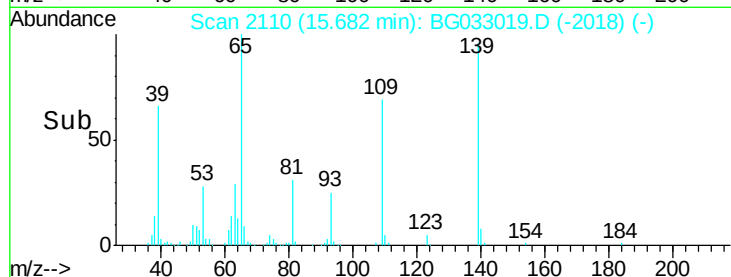
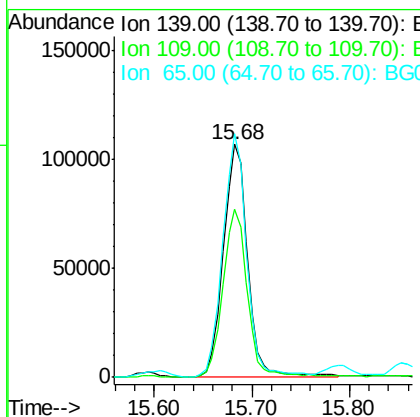
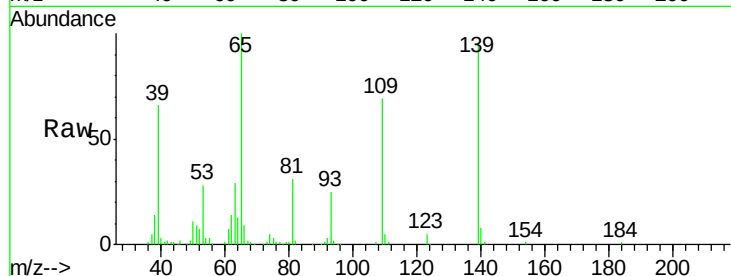
#55
4-Nitrophenol
Concen: 84.172 ng
RT: 15.68 min Scan# 2110
Delta R.T. 0.01 min
Lab File: BG033019.D
Acq: 6 Mar 2018 13:06

Instrument :
BNA_G
ClientSampleId :
OK-01-022218MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	72.1	62.2	102.2	
65	104.4	97.2	137.2	

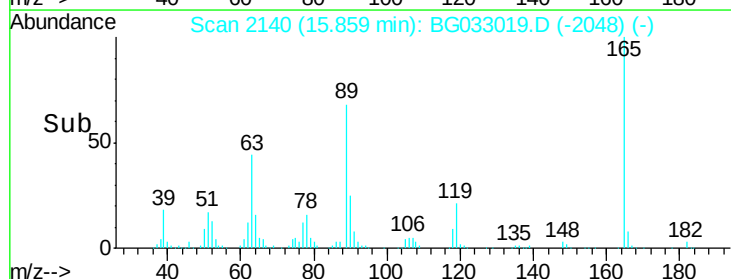
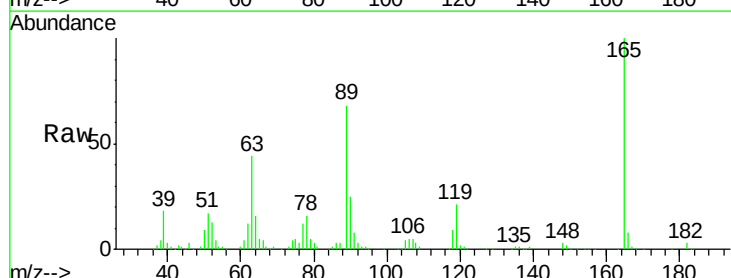
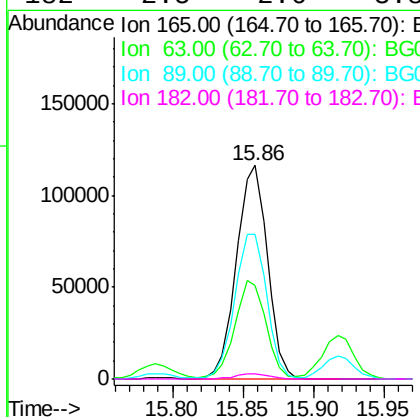
Manual Integrations
APPROVED

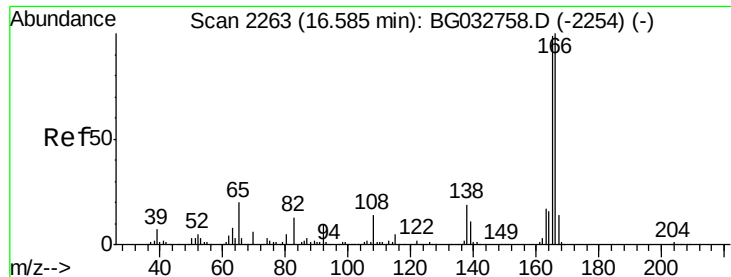
Sohil
3/7/2018 12:10:55 PM



#56
2,4-Dinitrotoluene
Concen: 63.545 ng
RT: 15.86 min Scan# 2140
Delta R.T. 0.01 min
Lab File: BG033019.D
Acq: 6 Mar 2018 13:06

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	43.6	42.0	63.0	
89	67.9	66.9	100.3	
182	2.5	2.6	3.8#	





#57

Fluorene

Concen: 43.525 ng

RT: 16.56 min Scan# 2260

Delta R.T. 0.00 min

Lab File: BG033019.D

Acq: 6 Mar 2018 13:06

Instrument :

BNA_G

ClientSampleId :

OK-01-022218MSD

Tot Ion:166 Resp: 534209

Ion Ratio Lower Upper

166 100

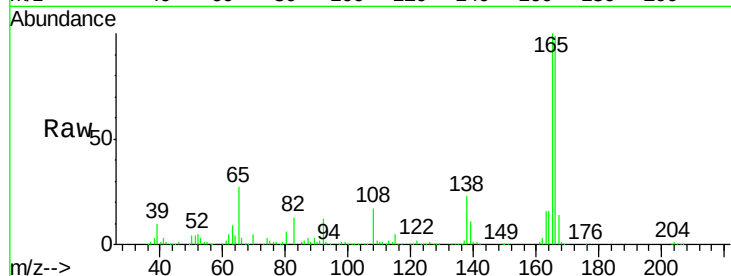
165 100.5 80.6 121.0

167 14.1 10.4 15.6

Manual Integrations
APPROVED

Sohil

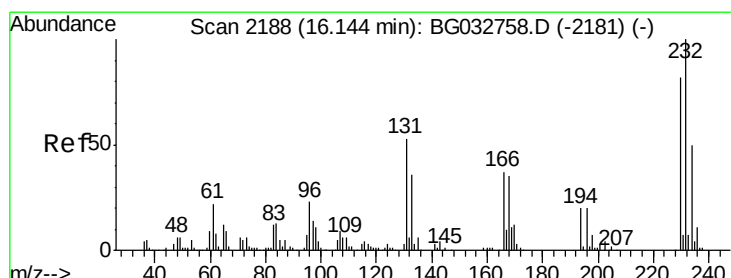
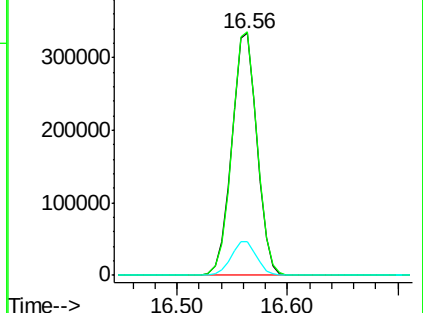
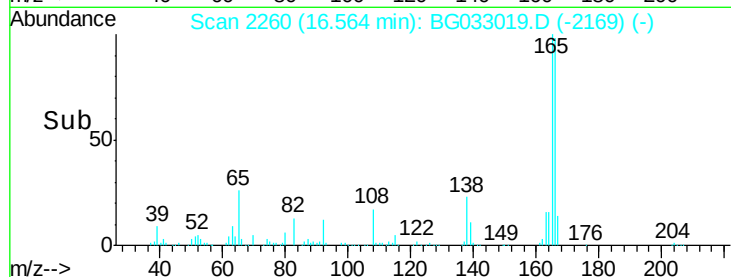
3/7/2018 12:10:55 PM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 52.757 ng m

RT: 16.13 min Scan# 2186

Delta R.T. 0.00 min

Lab File: BG033019.D

Acq: 6 Mar 2018 13:06

Tgt Ion:232 Resp: 139254

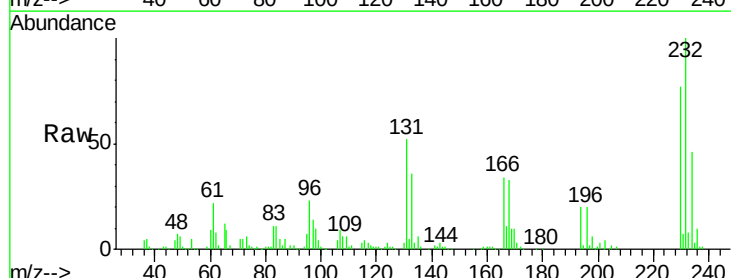
Ion Ratio Lower Upper

232 100

131 44.3 33.5 50.3

130 3.1 2.2 3.2

166 27.2 24.8 37.2

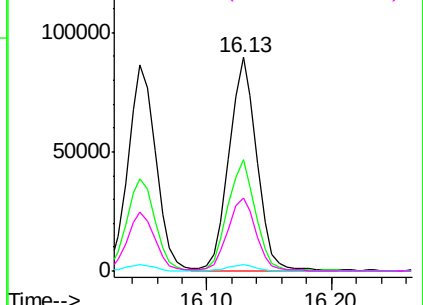
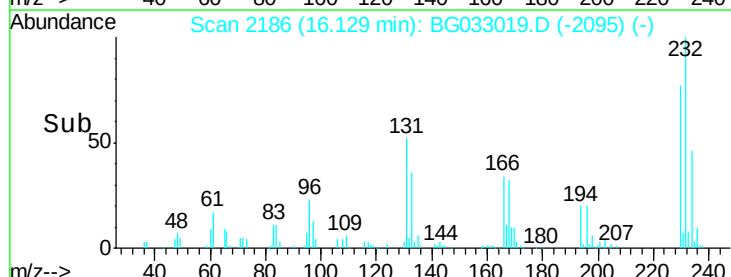


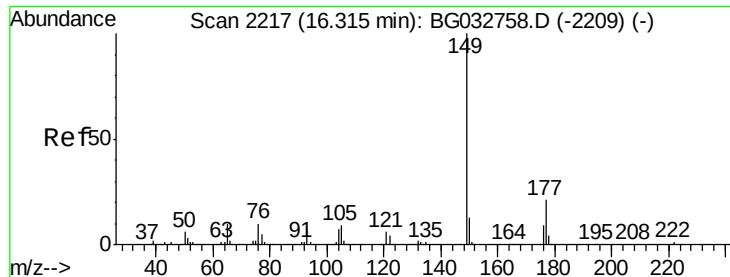
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





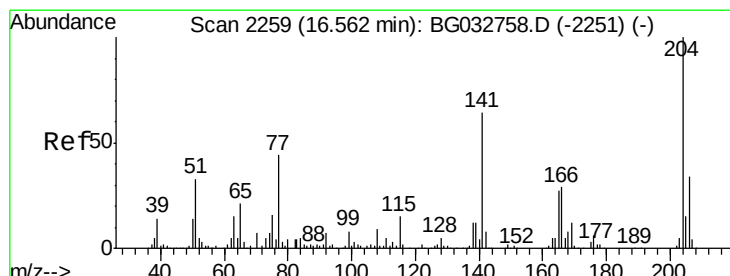
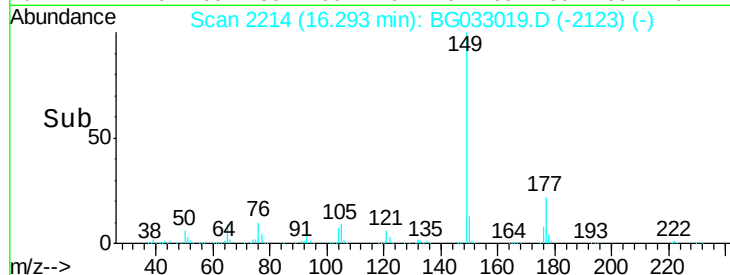
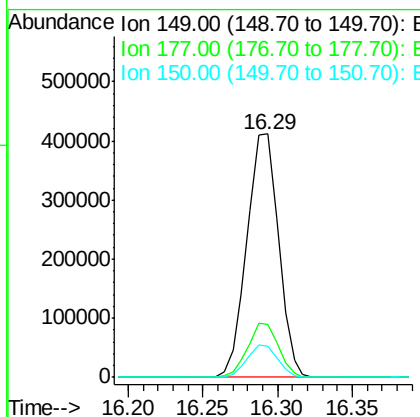
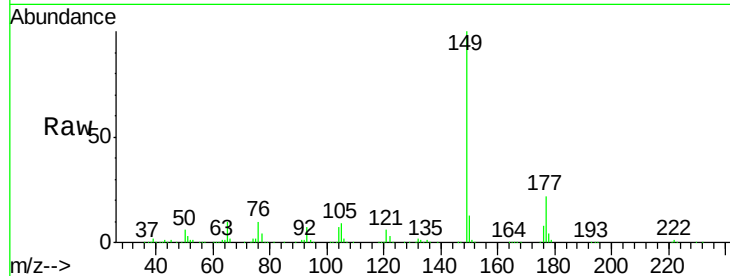
#59
Diethylphthalate
Concen: 43.066 ng
RT: 16.29 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BG033019.D
Acq: 6 Mar 2018 13:06

Instrument :
BNA_G
ClientSampleId :
OK-01-022218MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.7	18.5	27.7
150	12.8	10.2	15.2

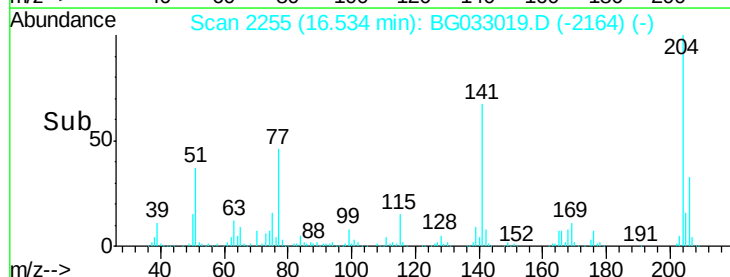
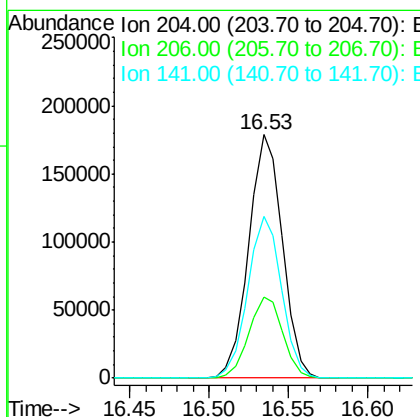
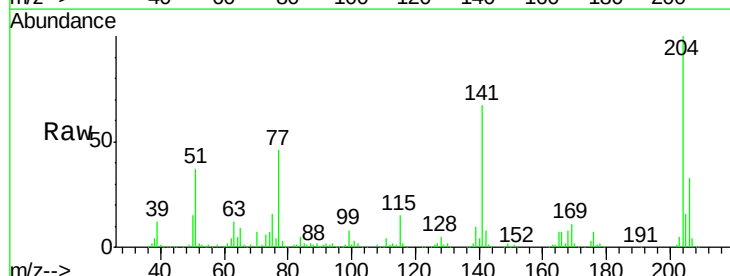
Manual Integrations
APPROVED

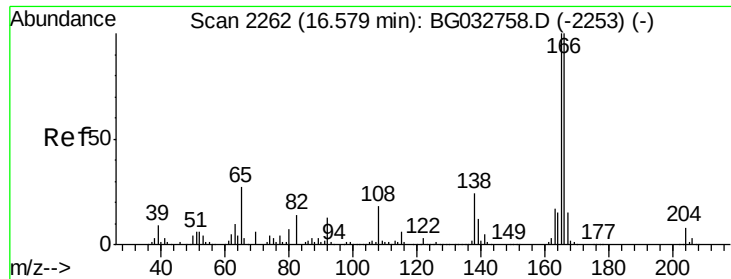
Sohil
3/7/2018 12:10:55 PM



#60
4-Chlorophenyl-phenylether
Concen: 43.954 ng
RT: 16.53 min Scan# 2255
Delta R.T. 0.00 min
Lab File: BG033019.D
Acq: 6 Mar 2018 13:06

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.2	39.2
141	66.5	45.8	68.6





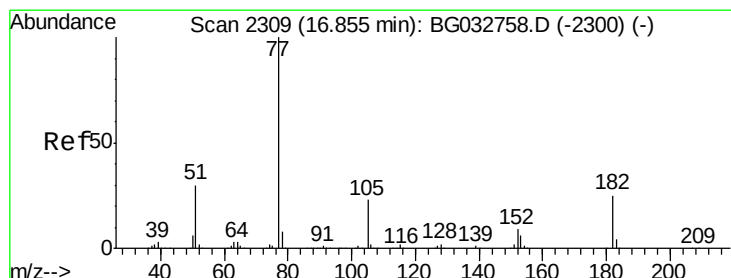
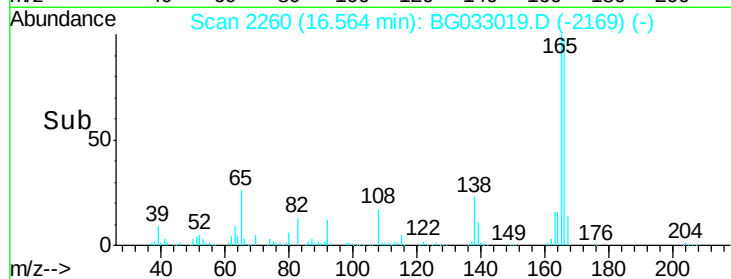
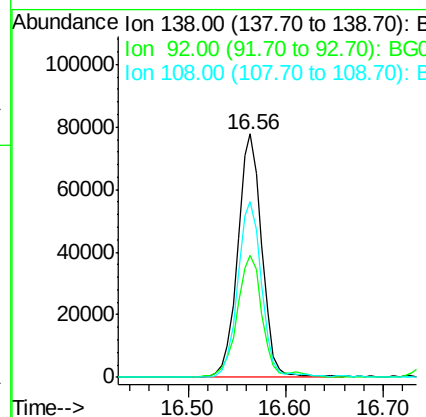
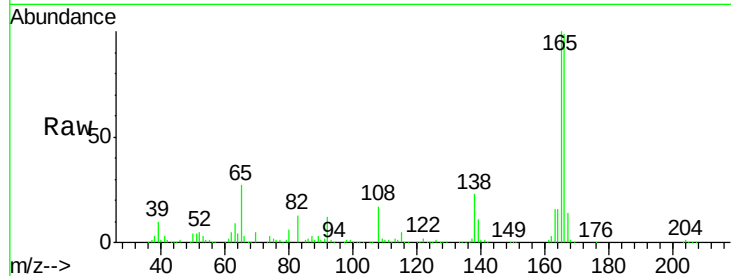
#61
4-Nitroaniline
Concen: 46.282 ng
RT: 16.56 min Scan# 2260
Delta R.T. 0.00 min
Lab File: BG033019.D
Acq: 6 Mar 2018 13:06

Instrument :
BNA_G
ClientSampleId :
OK-01-022218MSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	132875		
92	50.0	40.1	80.1	
108	72.4	65.4	105.4	

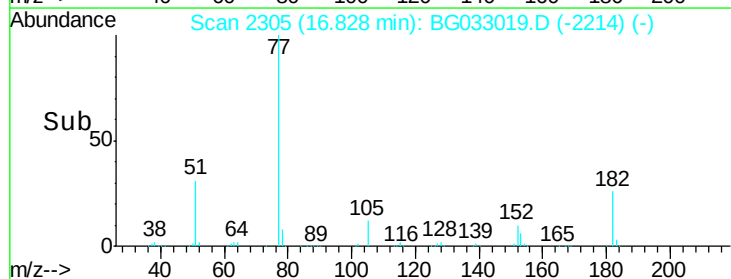
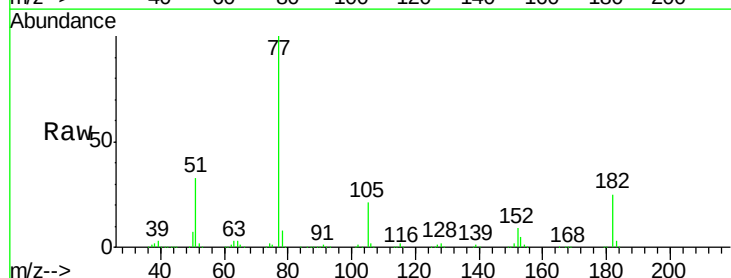
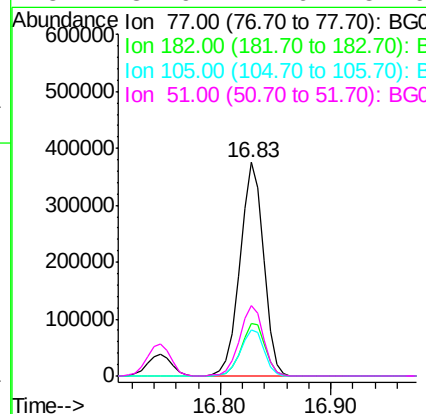
Manual Integrations
APPROVED

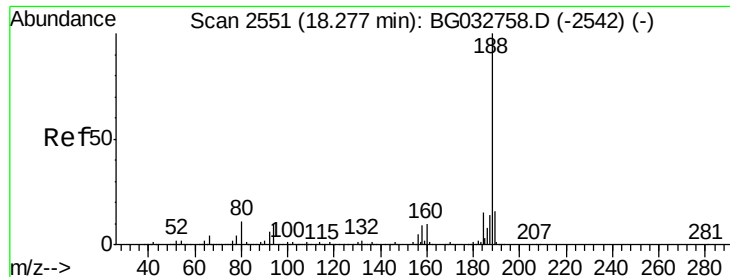
Sohil
3/7/2018 12:10:55 PM



#62
Azobenzene
Concen: 44.808 ng
RT: 16.83 min Scan# 2305
Delta R.T. 0.00 min
Lab File: BG033019.D
Acq: 6 Mar 2018 13:06

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	563307		
182	24.6	7.4	47.4	
105	21.4	0.3	40.3	
51	32.9	11.6	51.6	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.26 min Scan# 2548

Delta R.T. 0.00 min

Lab File: BG033019.D

Acq: 6 Mar 2018 13:06

Instrument :

BNA_G

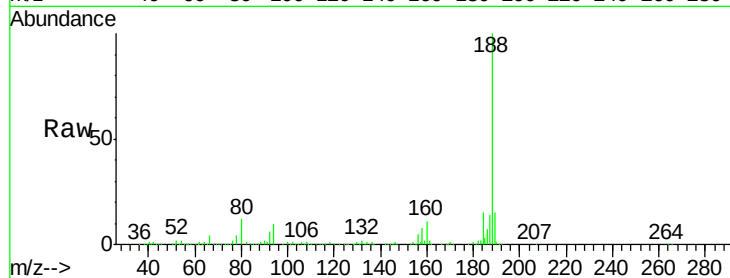
ClientSampleId :

OK-01-022218MSD

Tot Ion:	188	Resp:	355394
Ion Ratio	Lower	Upper	
188	100		
94	10.4	6.9	10.3#
80	11.7	7.7	11.5#

Manual Integrations
APPROVED

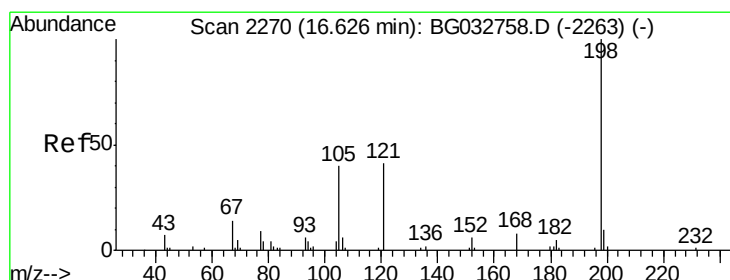
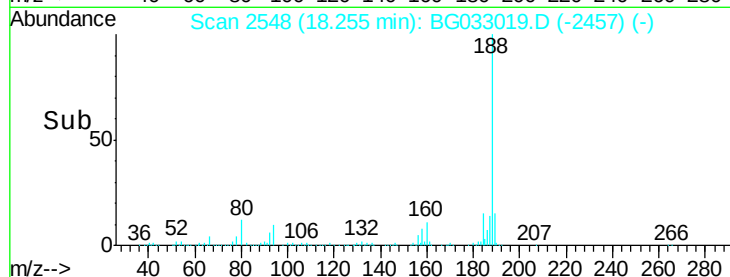
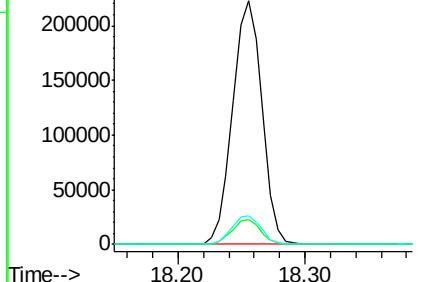
Sohil
3/7/2018 12:10:55 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 60.089 ng

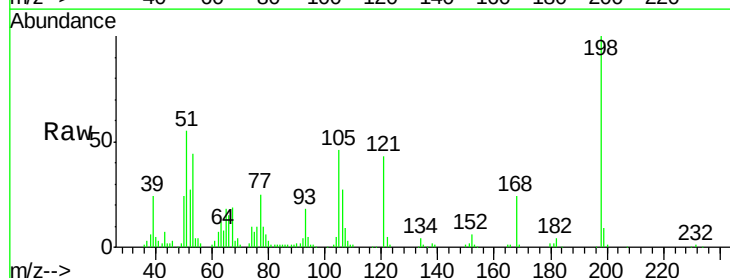
RT: 16.61 min Scan# 2268

Delta R.T. 0.00 min

Lab File: BG033019.D

Acq: 6 Mar 2018 13:06

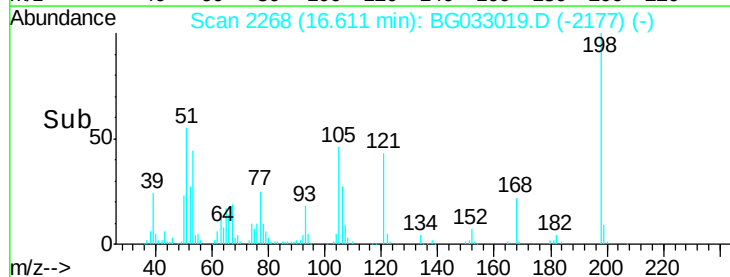
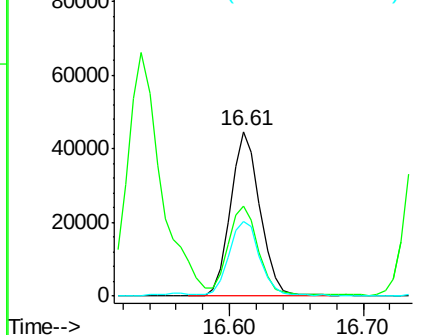
Tgt Ion:	198	Resp:	68545
Ion Ratio	Lower	Upper	
198	100		
51	54.8	30.6	70.6
105	45.7	23.8	63.8

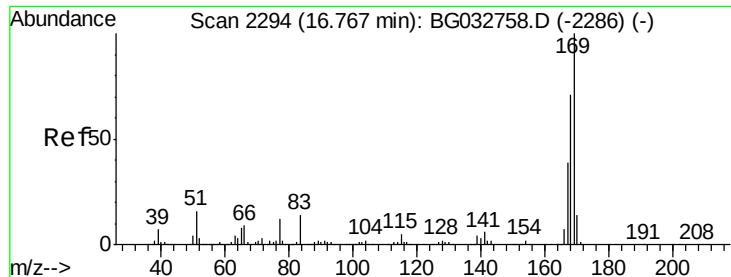


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





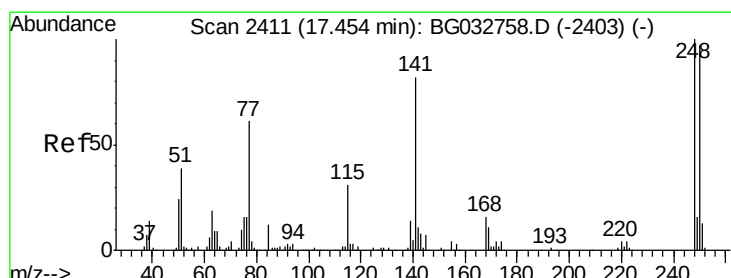
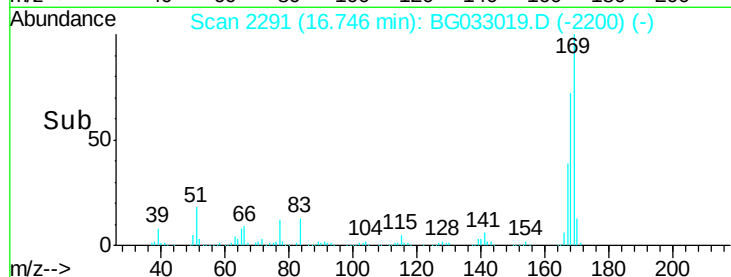
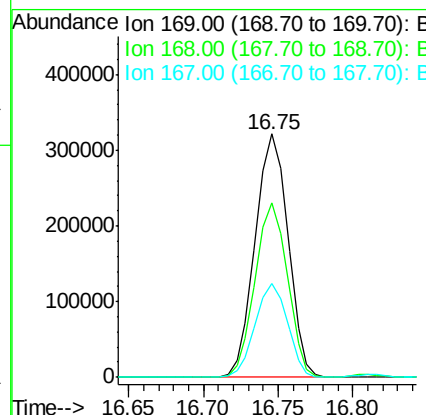
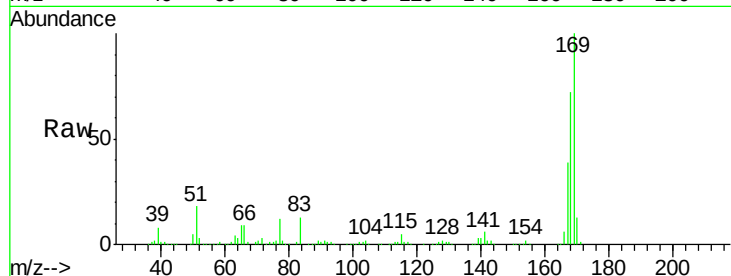
#65
 n-Nitrosodiphenylamine
 Concen: 42.365 ng
 RT: 16.75 min Scan# 2291
 Delta R.T. 0.00 min
 Lab File: BG033019.D
 Acq: 6 Mar 2018 13:06

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-022218MSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	71.8	55.7	83.5
167	38.7	30.1	45.1

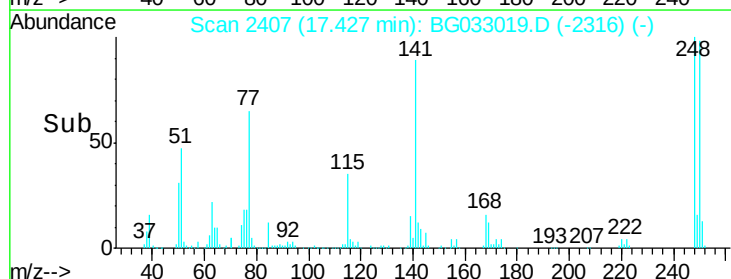
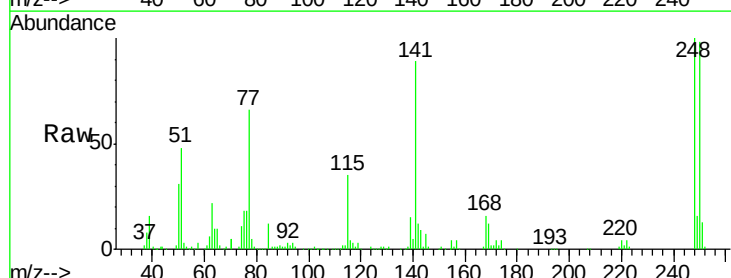
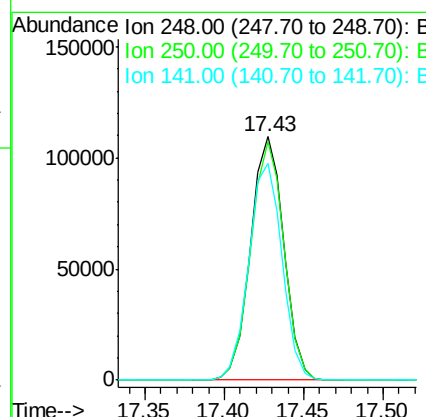
Manual Integrations
 APPROVED

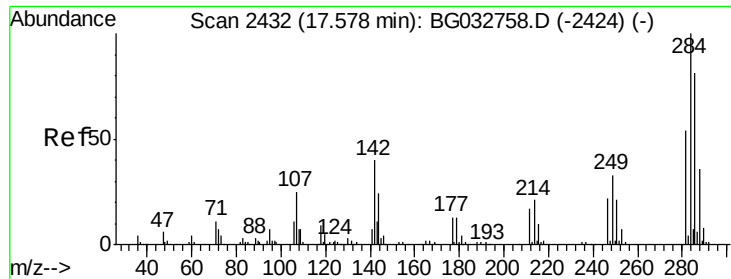
Sohil
 3/7/2018 12:10:55 PM



#66
 4-Bromophenyl-phenylether
 Concen: 42.470 ng
 RT: 17.43 min Scan# 2407
 Delta R.T. 0.00 min
 Lab File: BG033019.D
 Acq: 6 Mar 2018 13:06

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.2	77.1	115.7
141	88.8	50.8	76.2





#67

Hexachlorobenzene

Concen: 41.078 ng

RT: 17.56 min Scan# 2429

Delta R.T. 0.00 min

Lab File: BG033019.D

Acq: 6 Mar 2018 13:06

Instrument :

BNA_G

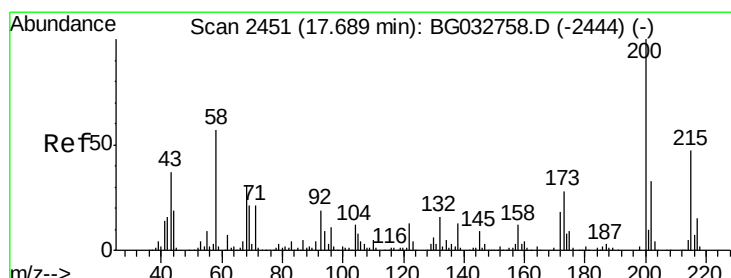
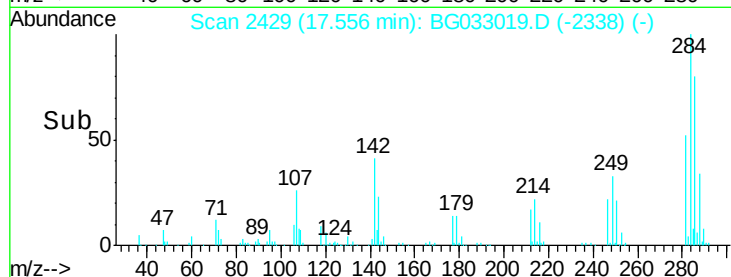
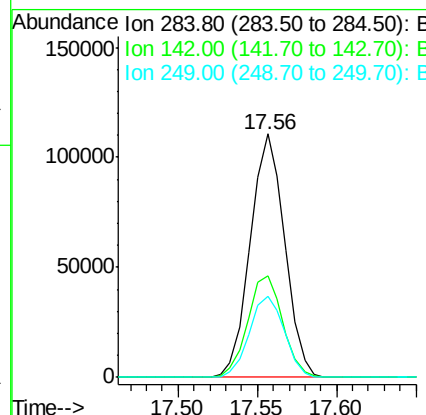
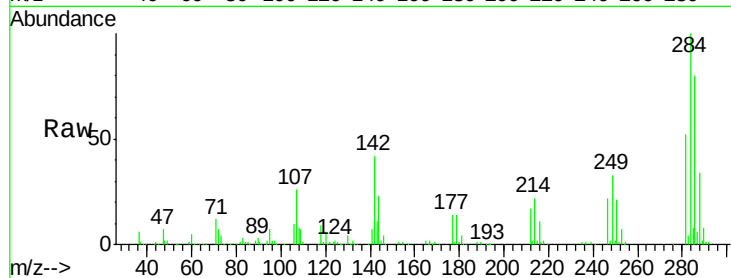
ClientSampleId :

OK-01-022218MSD

Tot Ion:	284	Resp:	166819
Ion Ratio		Lower	Upper
284	100		
142	41.8	26.8	40.2#
249	33.2	26.3	39.5

Manual Integrations
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Sohil
3/7/2018 12:10:55 PM



#68

Atrazine

Concen: 44.592 ng

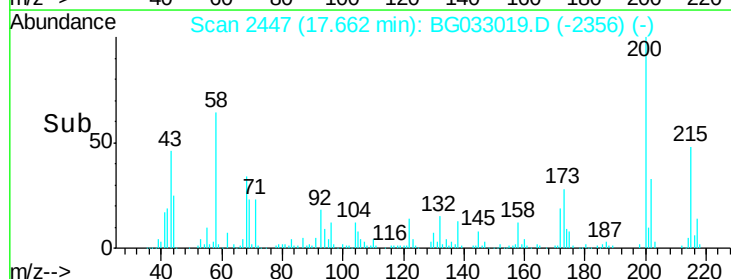
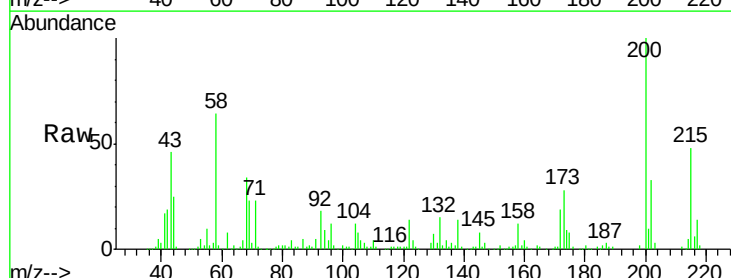
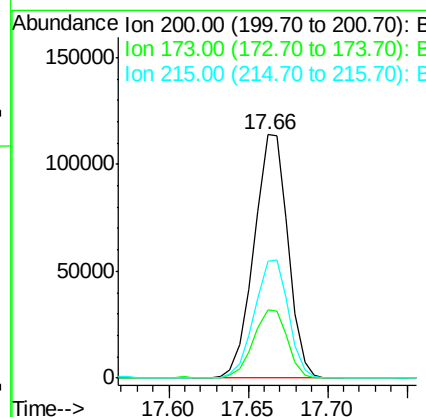
RT: 17.66 min Scan# 2447

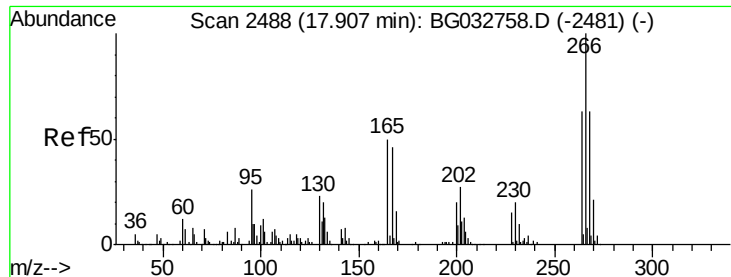
Delta R.T. 0.00 min

Lab File: BG033019.D

Acq: 6 Mar 2018 13:06

Tgt Ion:	200	Resp:	169701
Ion Ratio		Lower	Upper
200	100		
173	27.8	5.2	45.2
215	47.9	30.4	70.4





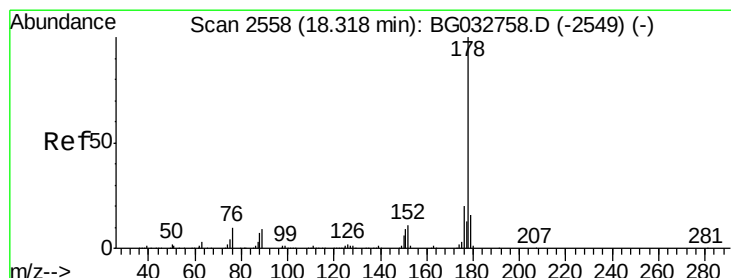
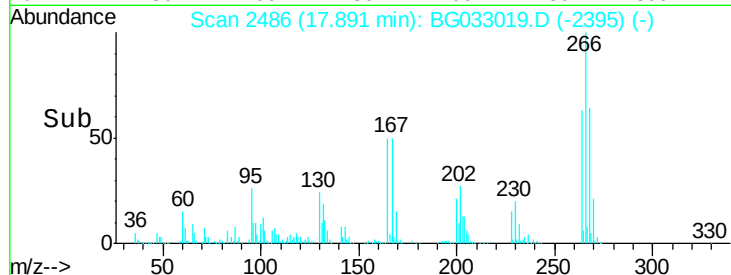
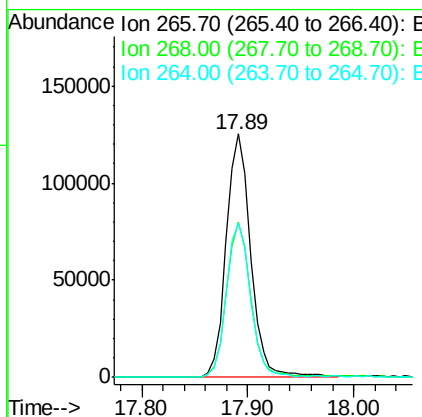
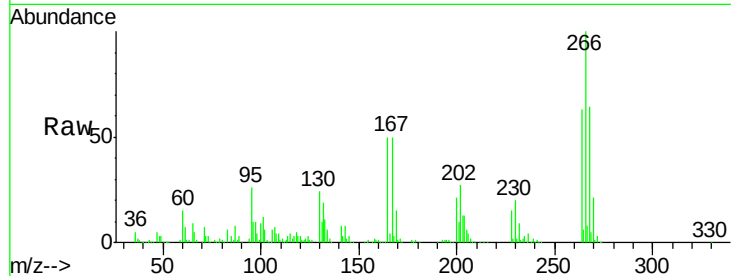
#69
 Pentachlorophenol
 Concen: 78.662 ng
 RT: 17.89 min Scan# 2486
 Delta R.T. 0.00 min
 Lab File: BG033019.D
 Acq: 6 Mar 2018 13:06

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-022218MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.1	76.7
264	63.5	49.6	74.4

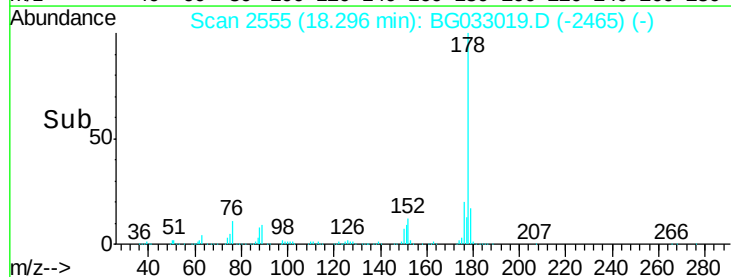
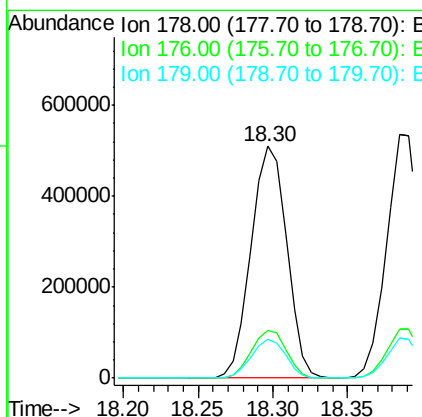
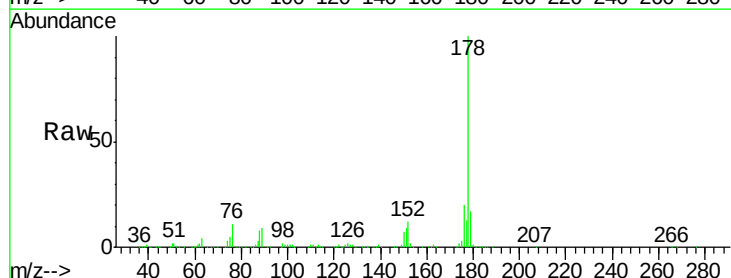
Manual Integrations
 APPROVED

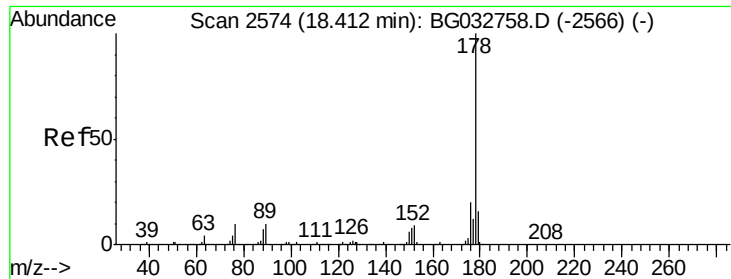
Sohil
 3/7/2018 12:10:55 PM



#70
 Phenanthrene
 Concen: 42.513 ng
 RT: 18.30 min Scan# 2555
 Delta R.T. -0.00 min
 Lab File: BG033019.D
 Acq: 6 Mar 2018 13:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.7	23.5
179	16.7	12.5	18.7





#71

Anthracene

Concen: 42.820 ng

RT: 18.38 min Scan# 2570

Delta R.T. -0.00 min

Lab File: BG033019.D

Acq: 6 Mar 2018 13:06

Instrument :

BNA_G

ClientSampleId :

OK-01-022218MSD

Tot Ion:178 Resp: 852368

Ion Ratio Lower Upper

178 100

176 20.3 16.0 24.0

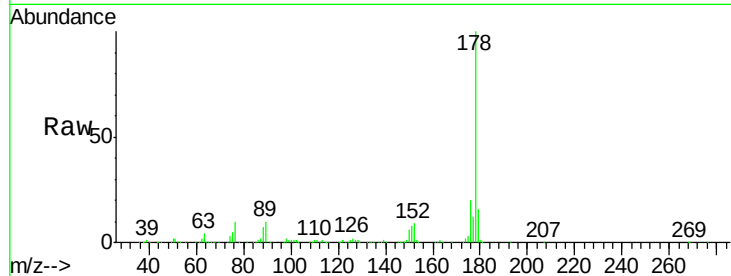
179 16.4 12.5 18.7

Manual Integrations

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Sohil

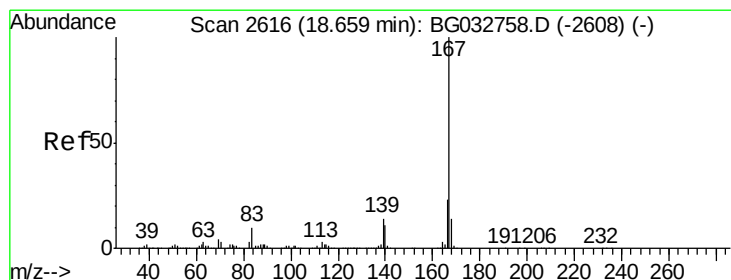
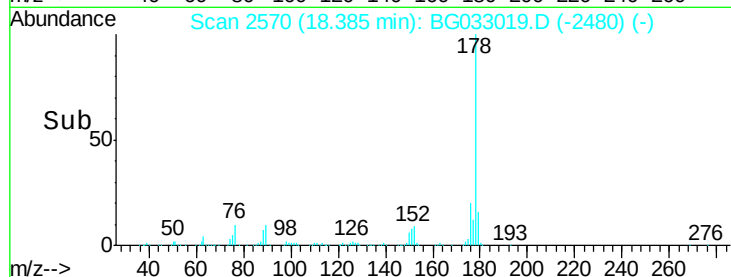
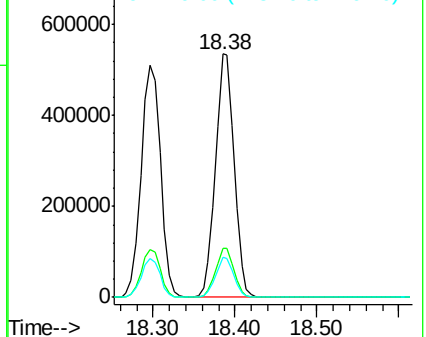
3/7/2018 12:10:55 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.808 ng

RT: 18.64 min Scan# 2614

Delta R.T. 0.00 min

Lab File: BG033019.D

Acq: 6 Mar 2018 13:06

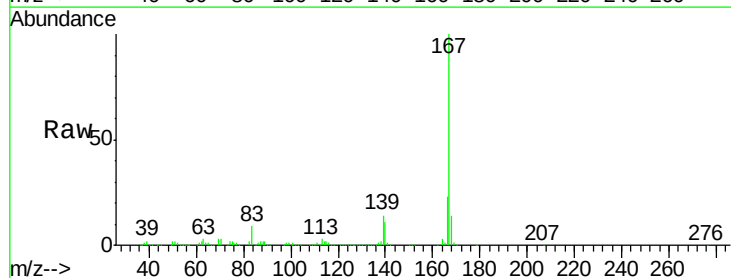
Tgt Ion:167 Resp: 800675

Ion Ratio Lower Upper

167 100

166 23.2 18.2 27.4

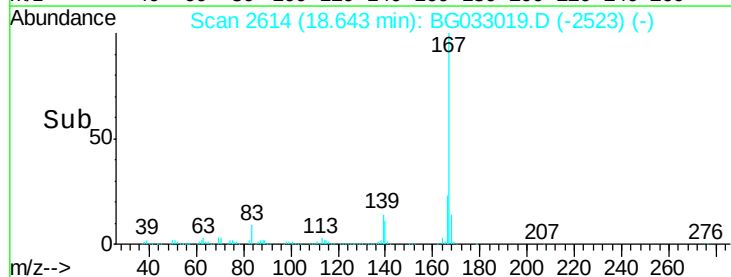
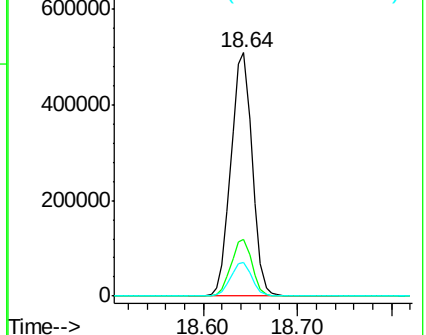
139 13.8 9.4 14.2

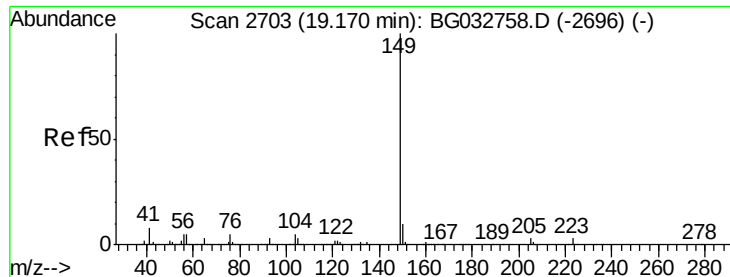


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.892 ng

RT: 19.14 min Scan# 2698

Delta R.T. -0.00 min

Lab File: BG033019.D

Acq: 6 Mar 2018 13:06

Instrument :

BNA_G

ClientSampleId :

OK-01-022218MSD

Tot Ion:149 Resp: 1008341

Ion Ratio Lower Upper

149 100

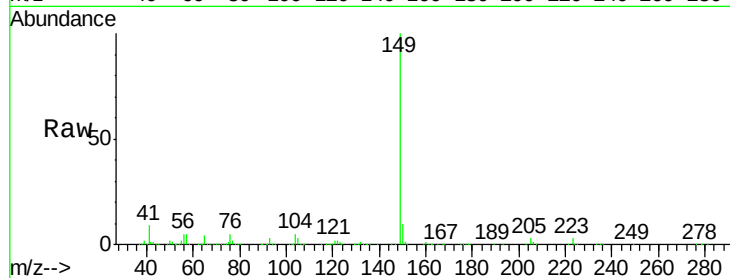
150 10.2 7.8 11.6

104 5.3 3.9 5.9

Manual Integrations
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Sohil

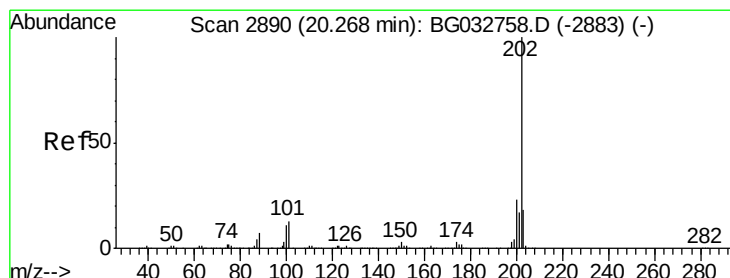
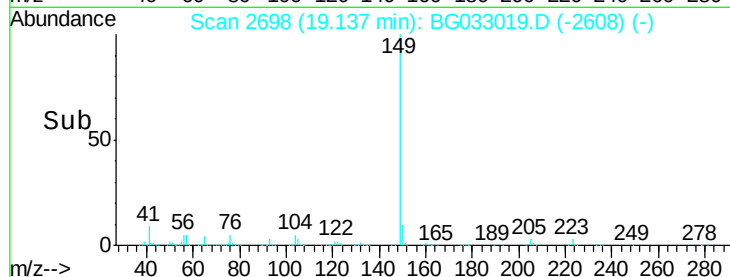
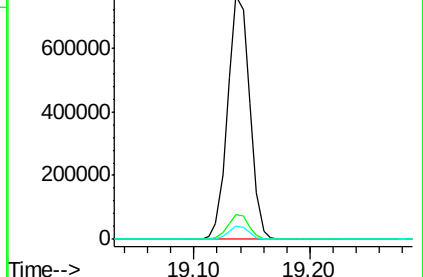
3/7/2018 12:10:55 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.541 ng

RT: 20.25 min Scan# 2887

Delta R.T. 0.00 min

Lab File: BG033019.D

Acq: 6 Mar 2018 13:06

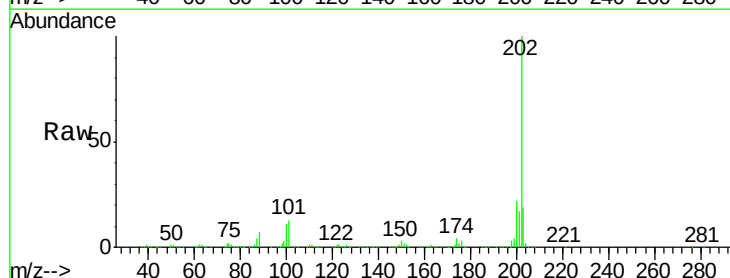
Tgt Ion:202 Resp: 931733

Ion Ratio Lower Upper

202 100

101 13.1 0.0 28.9

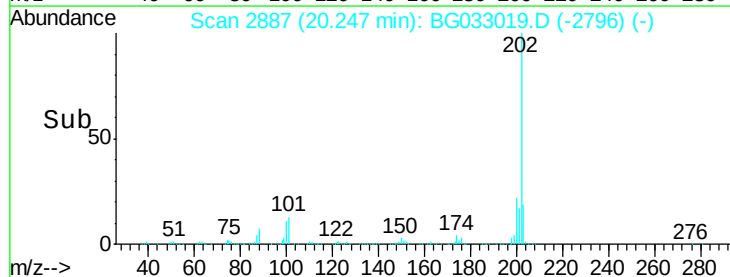
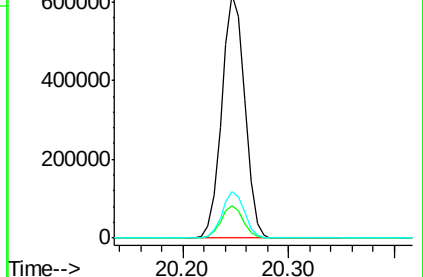
203 19.0 0.0 37.5

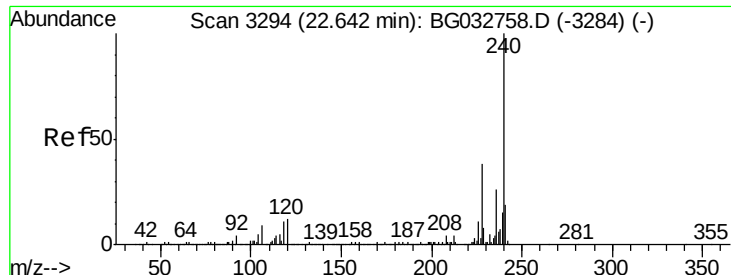


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.61 min Scan# 3289

Delta R.T. -0.00 min

Lab File: BG033019.D

Acq: 6 Mar 2018 13:06

Instrument :

BNA_G

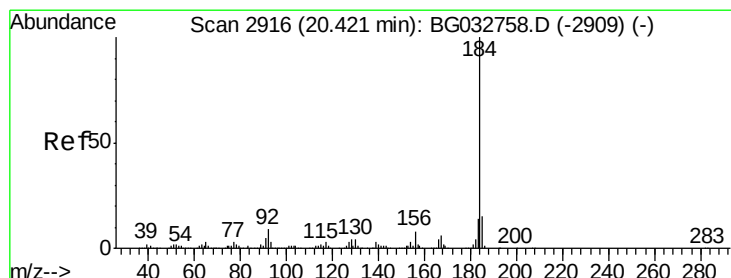
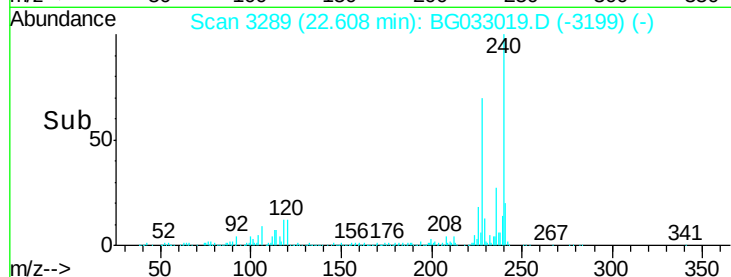
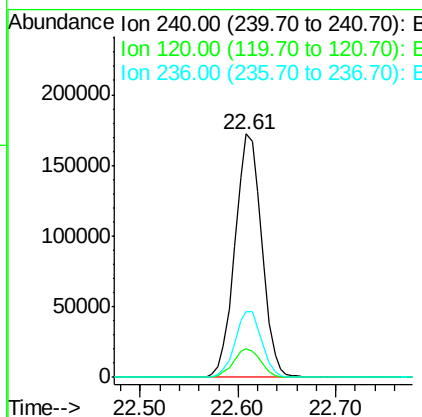
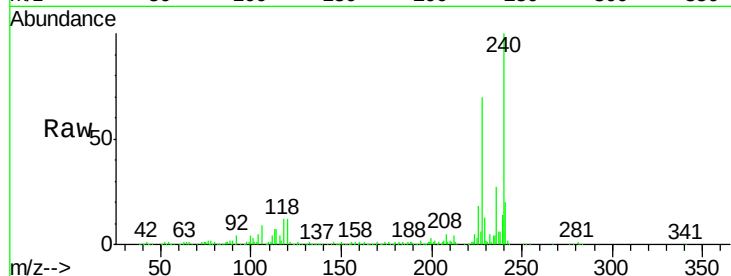
ClientSampleId :

OK-01-022218MSD

Tot Ion:	240	Resp:	328184
Ion Ratio	Lower	Upper	
240	100		
120	11.7	6.8	10.2#
236	26.8	20.9	31.3

Manual Integrations
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Sohil
3/7/2018 12:10:55 PM



#76

Benzidine

Concen: 3.345 ng

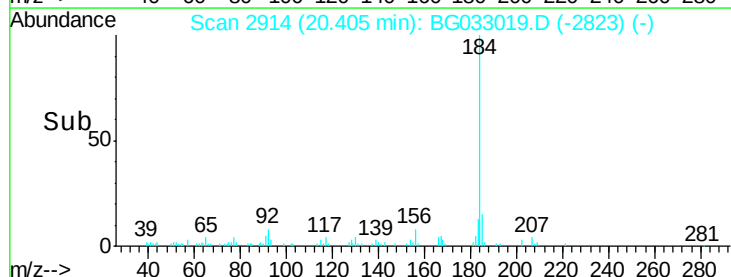
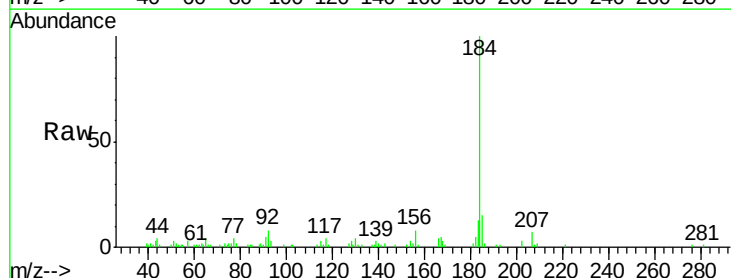
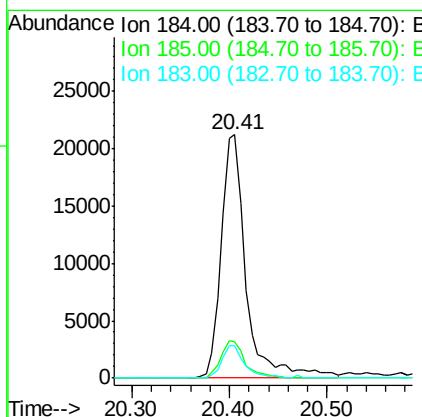
RT: 20.41 min Scan# 2914

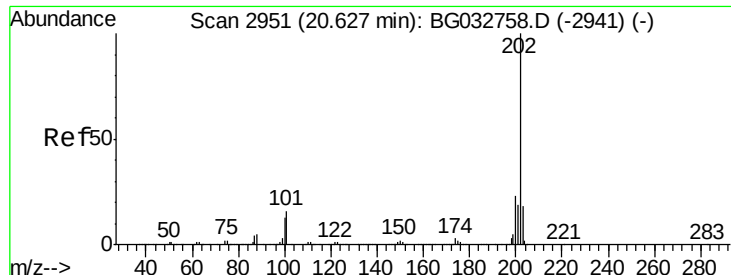
Delta R.T. 0.00 min

Lab File: BG033019.D

Acq: 6 Mar 2018 13:06

Tgt Ion:	184	Resp:	37422
Ion Ratio	Lower	Upper	
184	100		
185	14.8	11.1	16.7
183	13.2	10.6	16.0





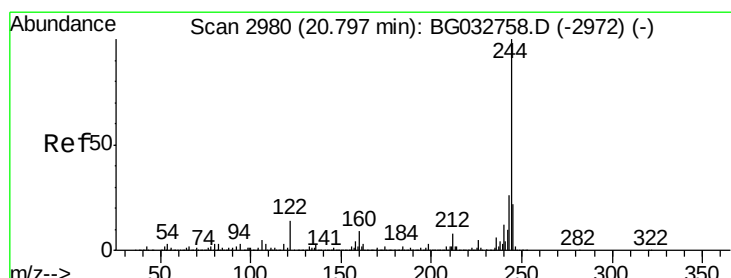
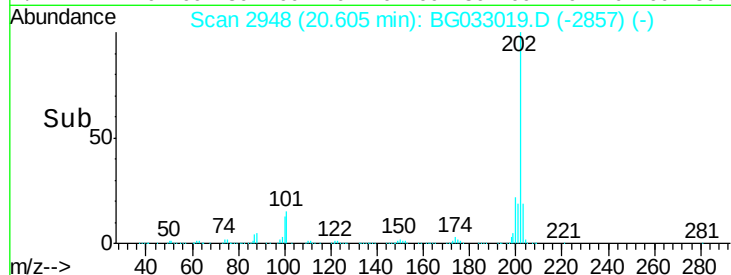
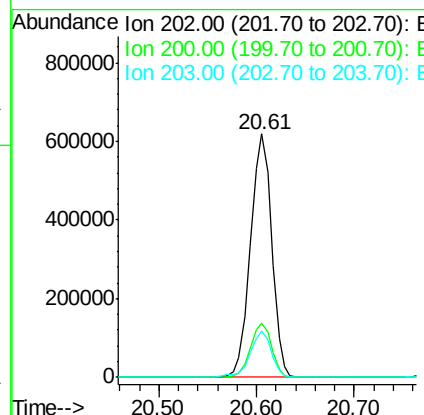
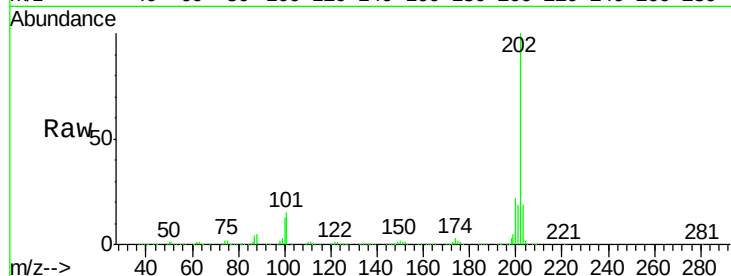
#77
Pvrene
Concen: 40.344 ng
RT: 20.61 min Scan# 2948
Delta R.T. 0.00 min
Lab File: BG033019.D
Acq: 6 Mar 2018 13:06

Instrument :
BNA_G
ClientSampleId :
OK-01-022218MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	16.9	25.3
203	19.0	13.9	20.9

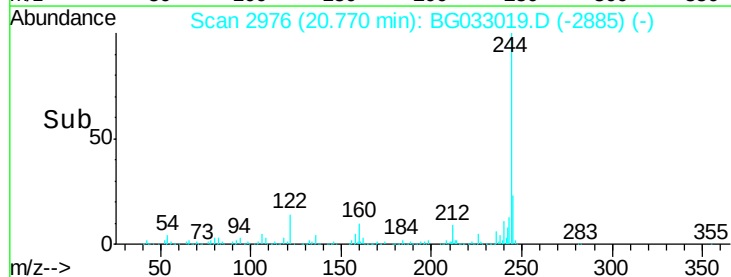
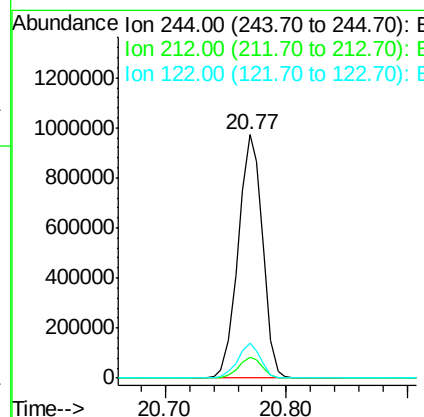
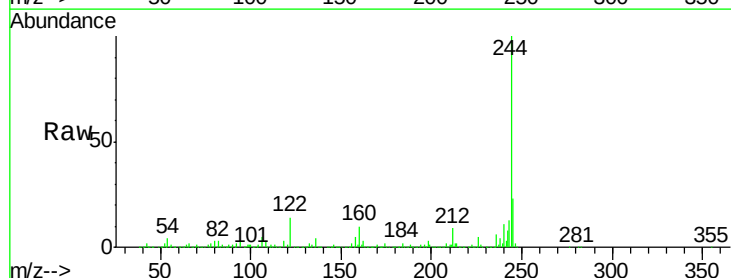
Manual Integrations
APPROVED

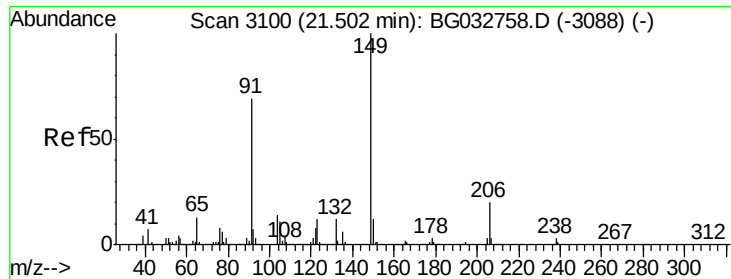
Sohil
3/7/2018 12:10:55 PM



#78
Terphenyl-d14
Concen: 93.463 ng
RT: 20.77 min Scan# 2976
Delta R.T. 0.00 min
Lab File: BG033019.D
Acq: 6 Mar 2018 13:06

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.8	5.8	8.8
122	14.1	7.0	10.4#





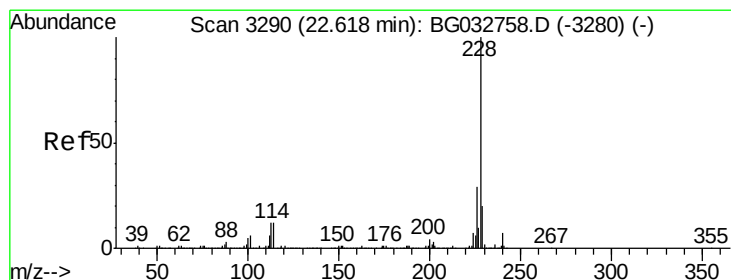
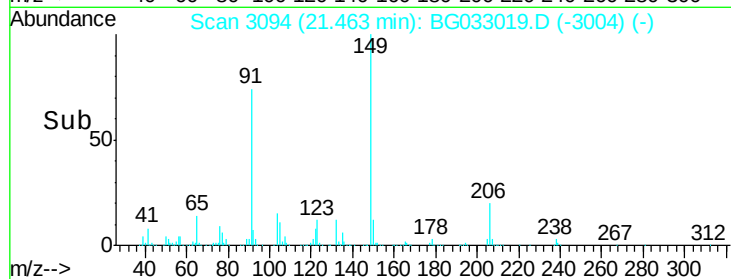
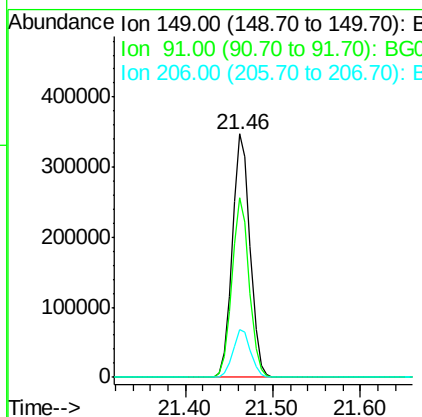
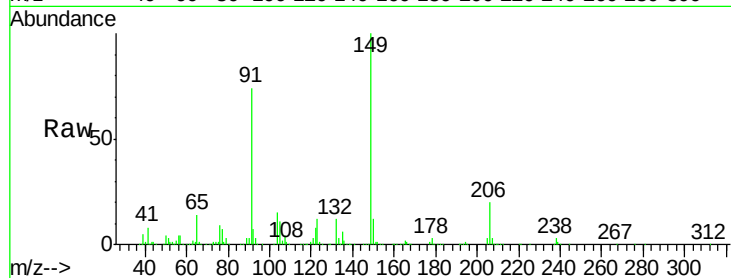
#79
Butylbenzylphthalate
Concen: 46.491 ng
RT: 21.46 min Scan# 3094
Delta R.T. -0.00 min
Lab File: BG033019.D
Acq: 6 Mar 2018 13:06

Instrument :
BNA_G
ClientSampleId :
OK-01-022218MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	73.5	62.2	93.2
206	19.6	18.6	27.8

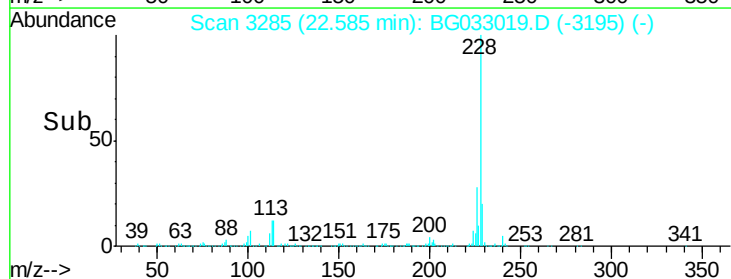
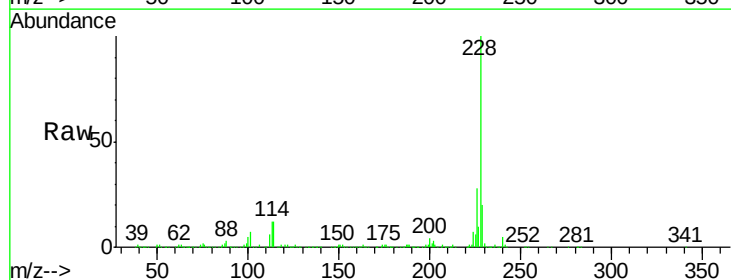
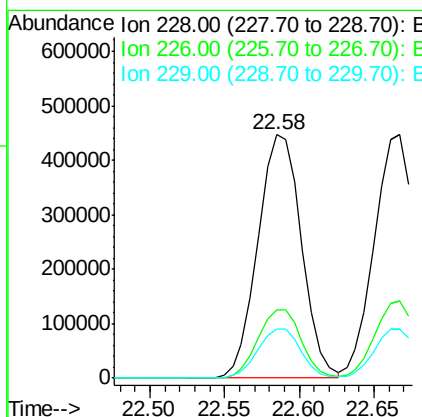
Manual Integrations
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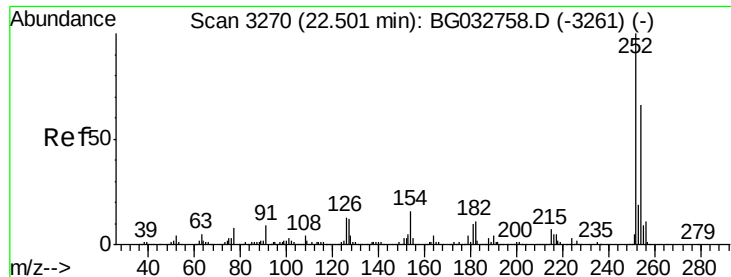
Sohil
3/7/2018 12:10:55 PM



#80
Benzo(a)anthracene
Concen: 43.006 ng
RT: 22.58 min Scan# 3285
Delta R.T. -0.00 min
Lab File: BG033019.D
Acq: 6 Mar 2018 13:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.7	34.1
229	20.4	16.2	24.2





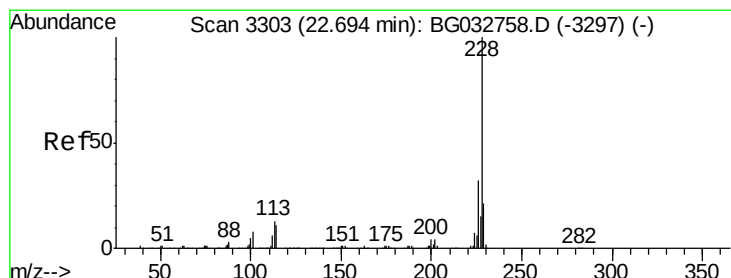
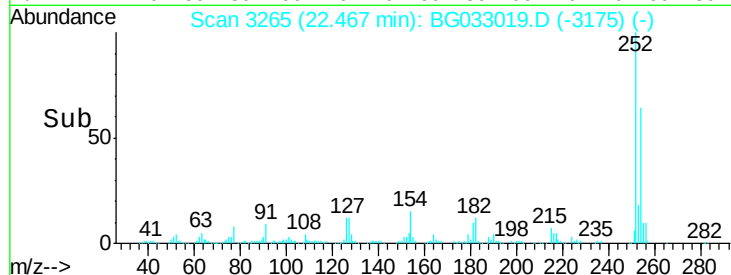
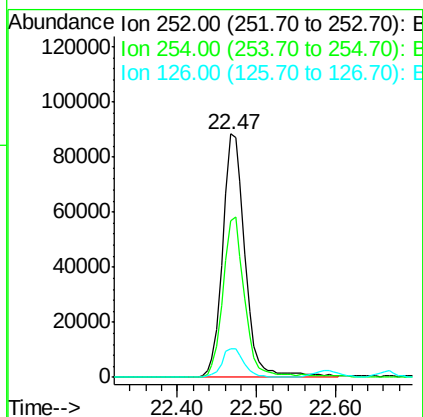
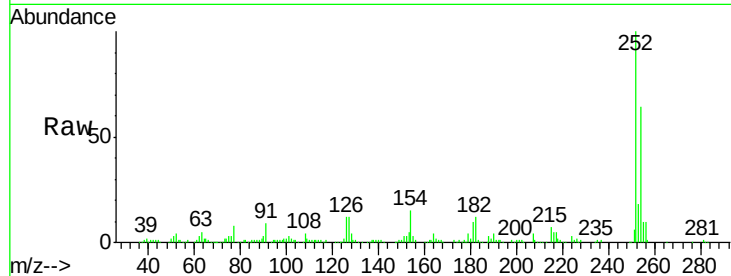
#81
 3,3'-Dichlorobenzidine
 Concen: 22.248 ng
 RT: 22.47 min Scan# 3265
 Delta R.T. -0.00 min
 Lab File: BG033019.D
 Acq: 6 Mar 2018 13:06

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-022218MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.2	50.8	76.2
126	11.9	7.4	11.2

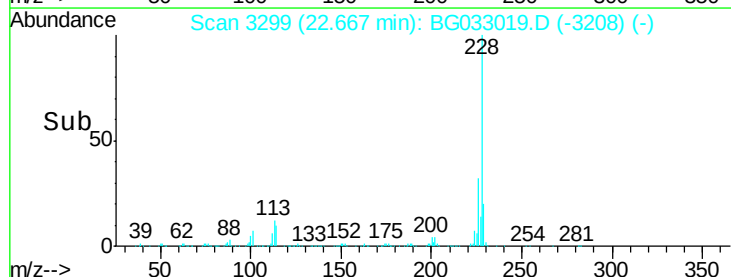
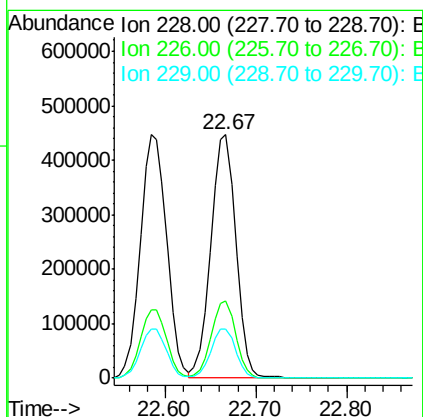
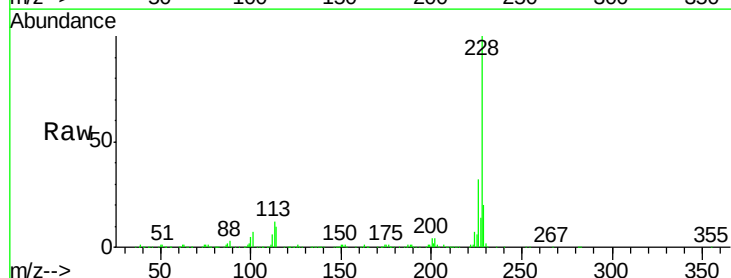
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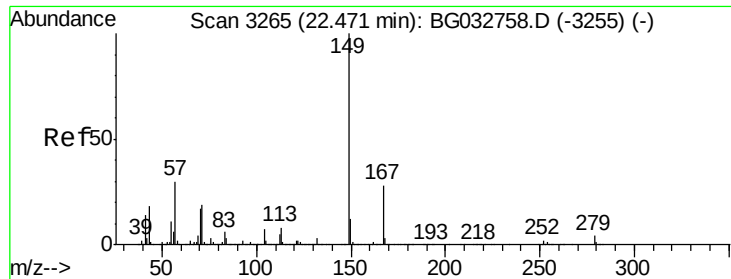
Sohil
 3/7/2018 12:10:55 PM



#82
 Chrysene
 Concen: 42.489 ng
 RT: 22.67 min Scan# 3299
 Delta R.T. 0.00 min
 Lab File: BG033019.D
 Acq: 6 Mar 2018 13:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.9	37.3
229	20.1	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.440 ng

RT: 22.41 min Scan# 3256

Delta R.T. 0.00 min

Lab File: BG033019.D

Acq: 6 Mar 2018 13:06

Instrument :

BNA_G

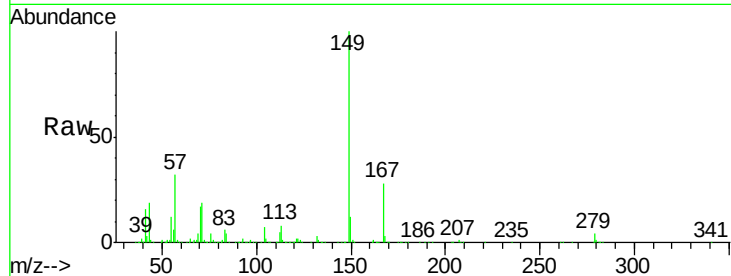
ClientSampleId :

OK-01-022218MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.5	24.3	36.5
279	4.0	4.0	6.0

Manual Integrations
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Sohil
3/7/2018 12:10:55 PM

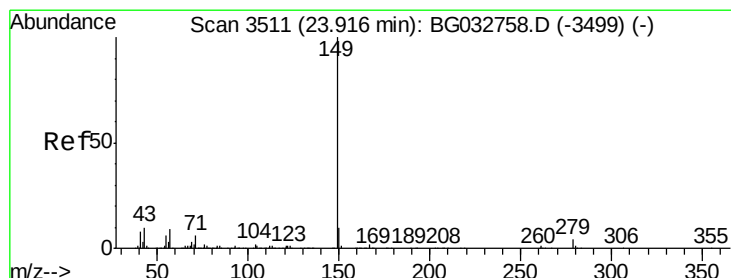
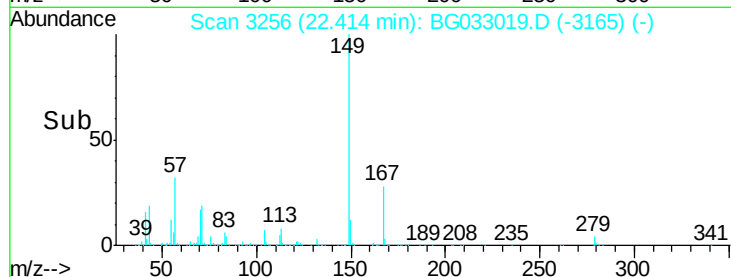
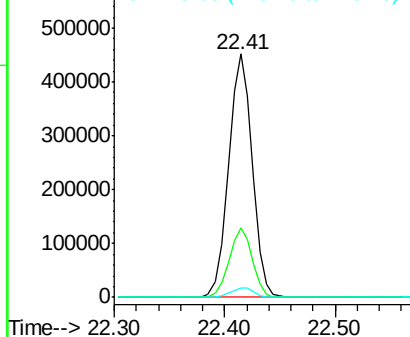


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 50.447 ng

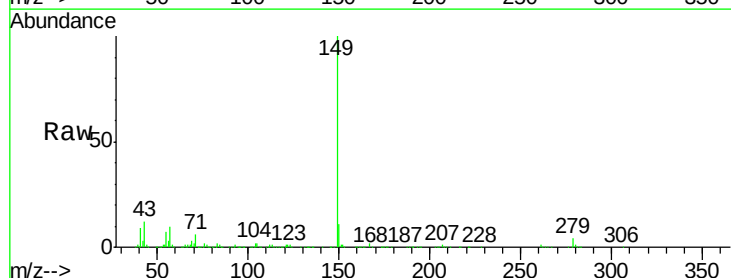
RT: 23.82 min Scan# 3496

Delta R.T. 0.00 min

Lab File: BG033019.D

Acq: 6 Mar 2018 13:06

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	11.5	8.9	13.3

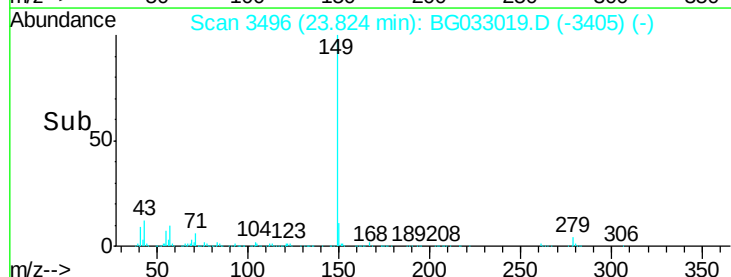
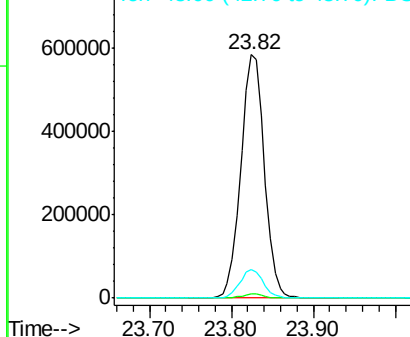


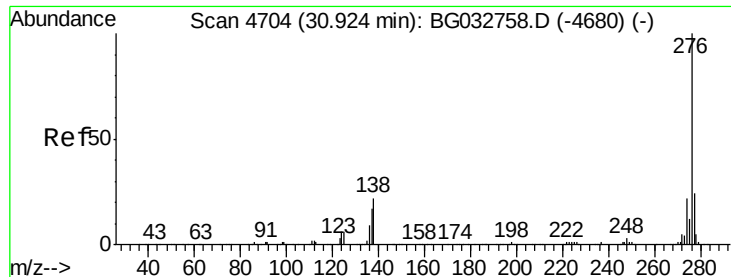
Abundance

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): BGO





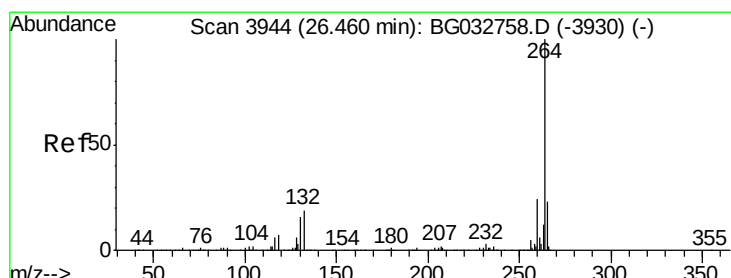
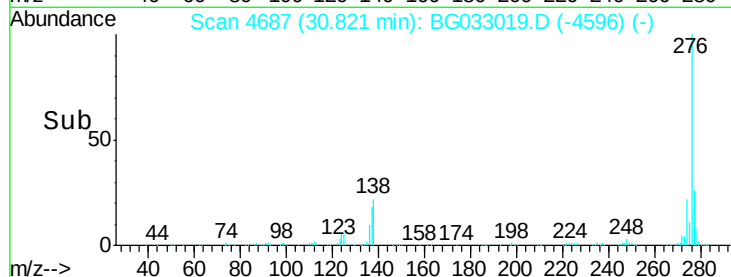
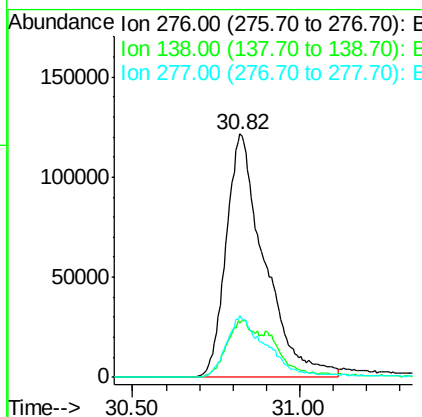
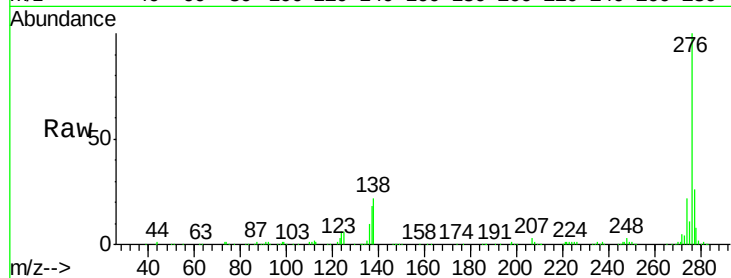
#85
Indeno(1,2,3-cd)pyrene
Concen: 41.515 ng
RT: 30.82 min Scan# 4687
Delta R.T. 0.00 min
Lab File: BG033019.D
Acq: 6 Mar 2018 13:06

Instrument :
BNA_G
ClientSampleId :
OK-01-022218MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.0	16.0	24.0
277	25.9	20.0	30.0

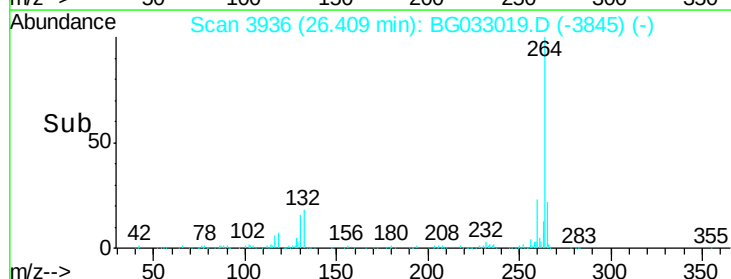
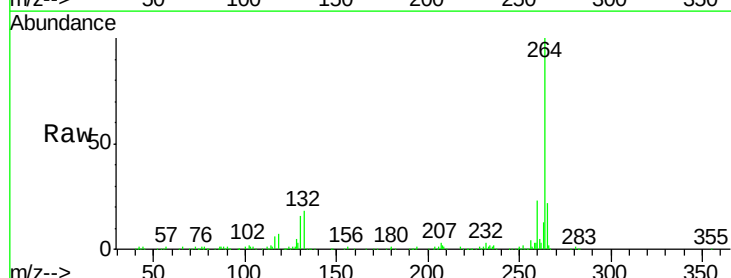
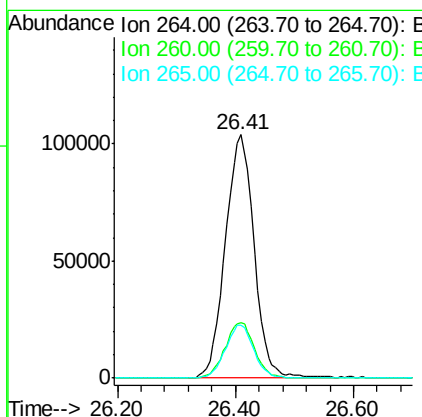
Manual Integrations
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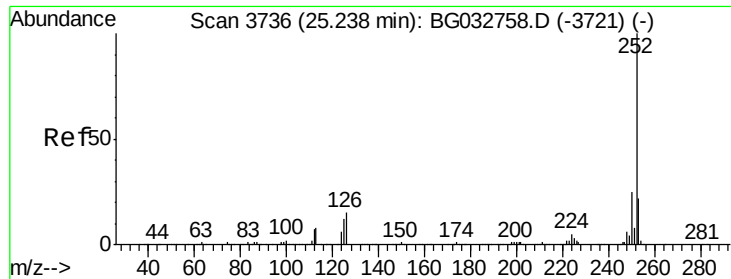
Sohil
3/7/2018 12:10:55 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 26.41 min Scan# 3936
Delta R.T. 0.00 min
Lab File: BG033019.D
Acq: 6 Mar 2018 13:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.4	26.0
265	21.5	17.7	26.5





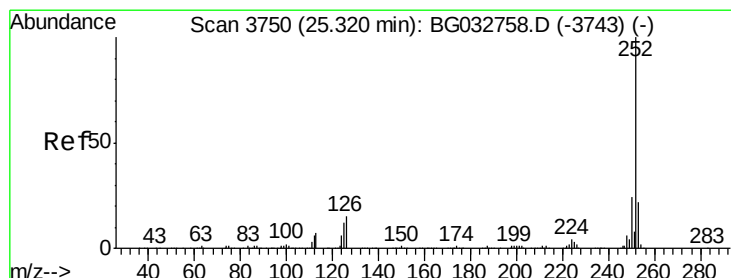
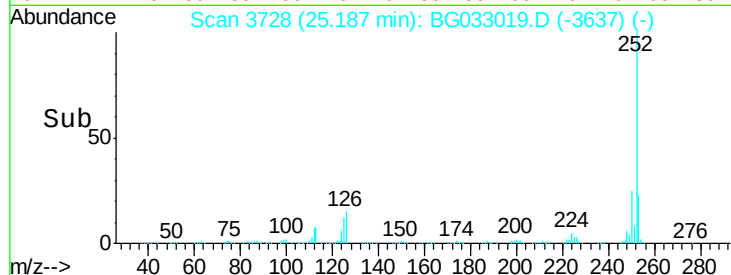
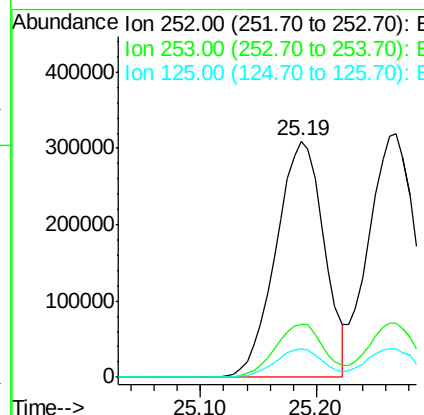
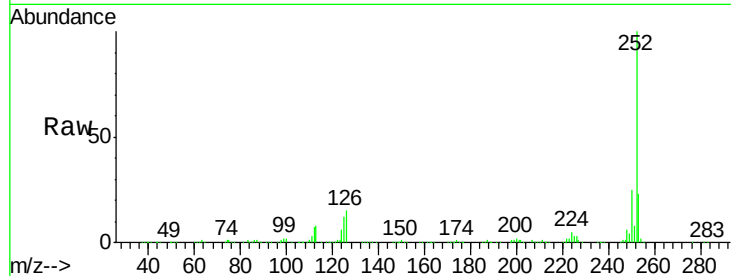
#87
Benzo(b)fluoranthene
Concen: 42.855 ng
RT: 25.19 min Scan# 3728
Delta R.T. 0.00 min
Lab File: BG033019.D
Acq: 6 Mar 2018 13:06

Instrument :
BNA_G
ClientSampleId :
OK-01-022218MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	12.1	7.2	10.8

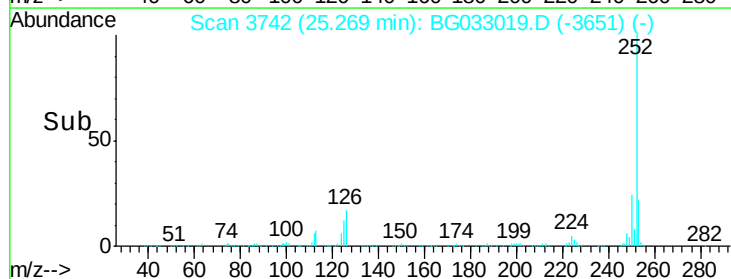
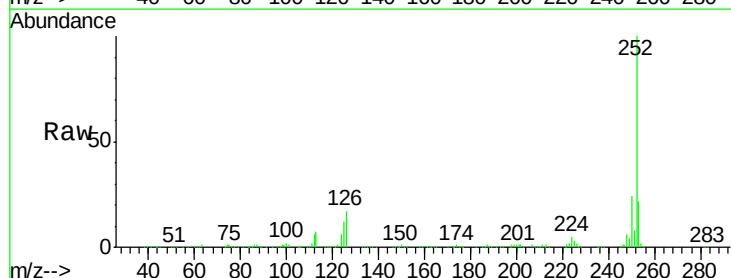
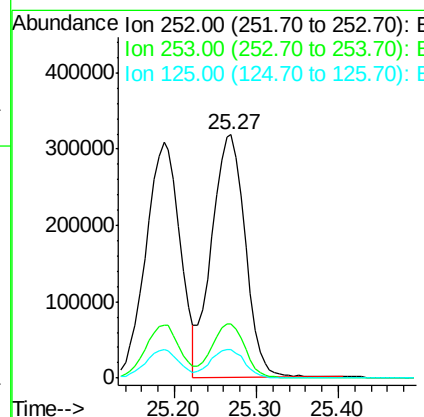
Manual Integrations
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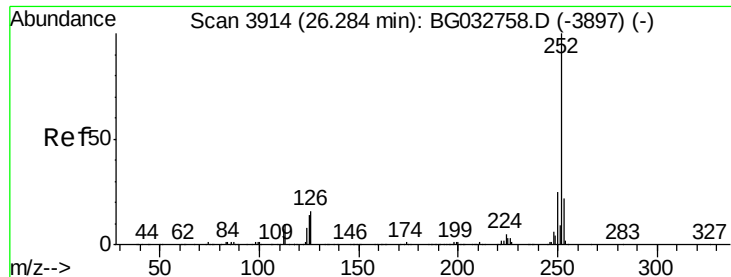
Sohil
3/7/2018 12:10:55 PM



#88
Benzo(k)fluoranthene
Concen: 43.827 ng
RT: 25.27 min Scan# 3742
Delta R.T. 0.00 min
Lab File: BG033019.D
Acq: 6 Mar 2018 13:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	11.7	6.6	9.8





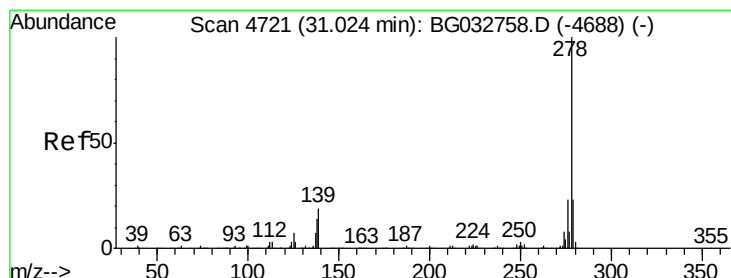
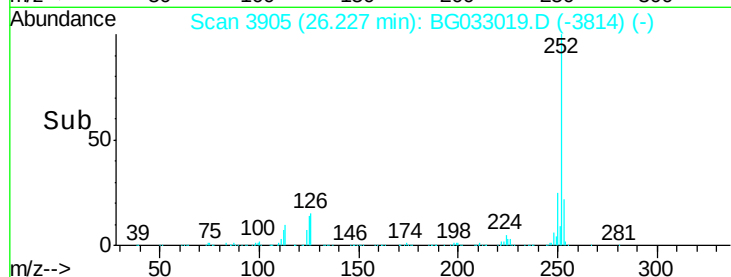
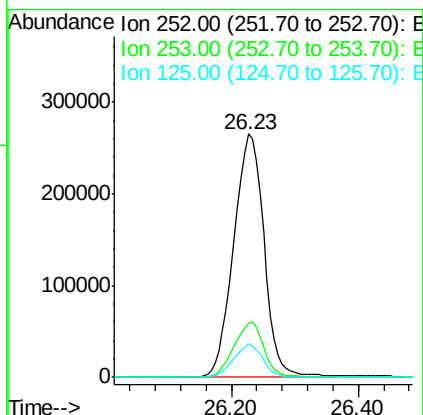
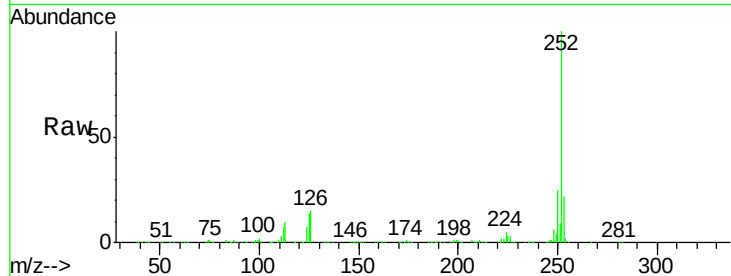
#89
Benzo(a)pyrene
Concen: 44.236 ng
RT: 26.23 min Scan# 3905
Delta R.T. 0.00 min
Lab File: BG033019.D
Acq: 6 Mar 2018 13:06

Instrument :
BNA_G
ClientSampleId :
OK-01-022218MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.3	27.5
125	13.8	7.3	10.9#

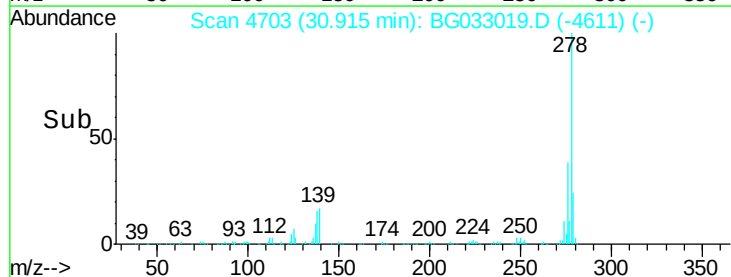
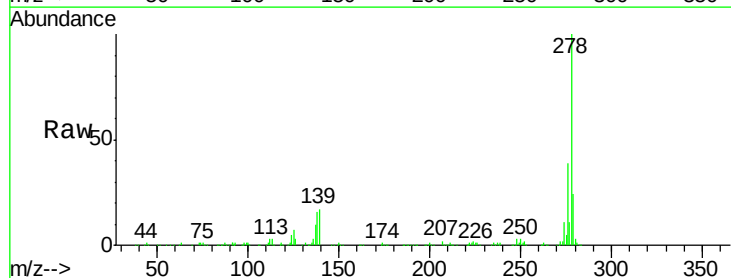
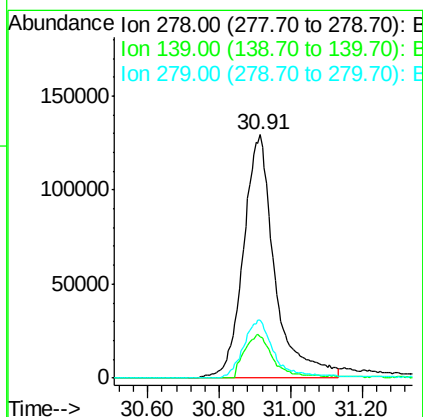
Manual Integrations
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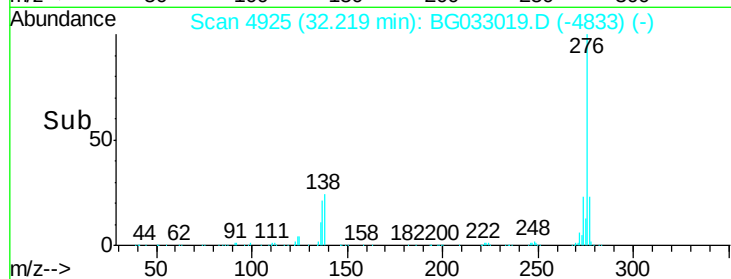
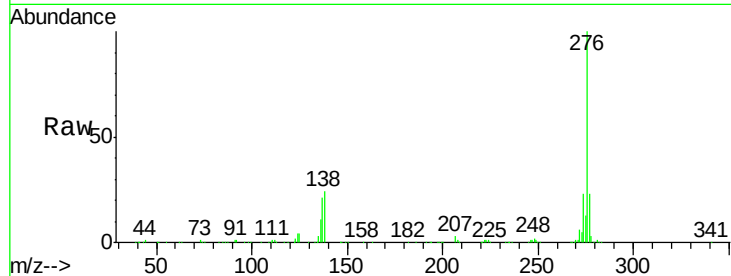
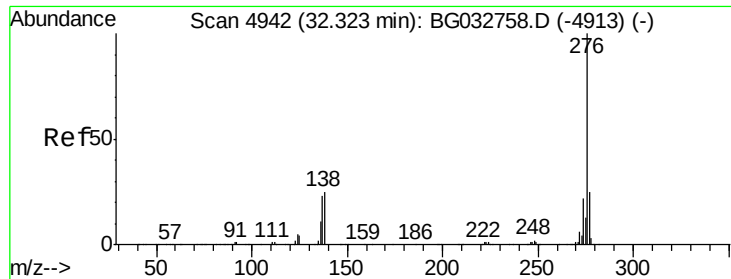
Sohil
3/7/2018 12:10:55 PM



#90
Dibenzo(a,h)anthracene
Concen: 39.541 ng
RT: 30.91 min Scan# 4703
Delta R.T. 0.01 min
Lab File: BG033019.D
Acq: 6 Mar 2018 13:06

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.8	9.8	14.6#
279	23.7	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 41.129 ng
 RT: 32.22 min Scan# 4925
 Delta R.T. 0.01 min
 Lab File: BG033019.D
 Acq: 6 Mar 2018 13:06

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-022218MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.3	27.5
138	23.8	13.9	20.9

Manual Integrations
 APPROVED

Sohil
 3/7/2018 12:10:55 PM

