

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071818\
 Data File : BG035732.D
 Acq On : 19 Jul 2018 00:45
 Operator : JU/SJ
 Sample : J3826-04MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-071618MSD

Manual Integrations
 APPROVED

Sohil
 7/19/2018 3:45:22 PM

Quant Time: Jul 19 03:26:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 18 17:45:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	51424	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	190379	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	129836	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	351356	20.00	ng	0.00
75) Chrysene-d12	21.67	240	392647	20.00	ng	0.00
86) Perylene-d12	24.88	264	385207	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	403066	130.13	ng	0.00
7) Phenol-d6	7.21	99	528539	114.37	ng	0.00
23) Nitrobenzene-d5	9.20	82	409905	89.95	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	270245	157.92	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	863638	89.12	ng	0.00
78) Terphenyl-d14	20.01	244	1706035	95.78	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	54478	34.557	ng	# 73
3) Pyridine	3.95	79	140186	34.063	ng	# 74
4) n-Nitrosodimethylamine	3.85	42	65563	37.102	ng	# 73
6) Aniline	7.37	93	111983	18.695	ng	96
8) 2-Chlorophenol	7.61	128	152691	48.470	ng	96
9) Benzaldehyde	7.18	77	80492	28.387	ng	92
10) Phenol	7.24	94	188348	40.341	ng	99
11) bis(2-Chloroethyl)ether	7.46	93	163038	44.590	ng	90
12) 1,3-Dichlorobenzene	7.93	146	168243m	44.226	ng	
13) 1,4-Dichlorobenzene	8.08	146	174087	45.039	ng	97
14) 1,2-Dichlorobenzene	8.39	146	163566	44.050	ng	97
15) Benzyl Alcohol	8.28	79	178982	42.650	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.56	45	177389	57.868	ng	76
17) 2-Methylphenol	8.49	107	151693	47.787	ng	94
18) Hexachloroethane	9.12	117	63578	43.020	ng	91
19) n-Nitroso-di-n-propylamine	8.84	70	146694	37.696	ng	# 86
20) 3+4-Methylphenols	8.82	107	201340	45.721	ng	94
22) Acetophenone	8.86	105	272396	46.011	ng	# 90
24) Nitrobenzene	9.24	77	217753	47.511	ng	# 94
25) Isophorone	9.76	82	424221	50.145	ng	98
26) 2-Nitrophenol	9.96	139	89290	54.855	ng	# 93
27) 2,4-Dimethylphenol	10.01	122	156400	56.763	ng	92
28) bis(2-Chloroethoxy)methane	10.24	93	221980	47.619	ng	98
29) 2,4-Dichlorophenol	10.50	162	181083	57.574	ng	92
30) 1,2,4-Trichlorobenzene	10.70	180	188864	48.970	ng	97
31) Naphthalene	10.90	128	474423	47.839	ng	99
32) Benzoic acid	10.14	122	19782	10.665	ng	91
33) 4-Chloroaniline	11.02	127	17058	3.947	ng	# 91
34) Hexachlorobutadiene	11.18	225	140068	46.574	ng	95
35) Caprolactam	11.78	113	45878m	33.991	ng	
36) 4-Chloro-3-methylphenol	12.13	107	216080	51.254	ng	95
37) 2-Methylnaphthalene	12.49	142	369800m	50.052	ng	
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	246682	50.339	ng	99
40) Hexachlorocyclopentadiene	12.84	237	294349	114.532	ng	91

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 7/19/2018 3:45:22 PM

Quant Time: Jul 19 03:26:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 18 17:45:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	163699	57.121	nq	95
43) 2,4,5-Trichlorophenol	13.18	196	179148	55.880	nq	99
45) 1,1'-Biphenyl	13.50	154	504582	50.127	nq	99
46) 2-Chloronaphthalene	13.54	162	396617	50.655	nq	97
47) 2-Nitroaniline	13.74	65	143479	51.833	nq	96
48) Acenaphthylene	14.38	152	654557	49.906	nq	99
49) Dimethylphthalate	14.12	163	559401	49.176	nq	99
50) 2,6-Dinitrotoluene	14.24	165	128824	55.612	nq	95
51) Acenaphthene	14.73	154	388155	47.508	nq	99
52) 3-Nitroaniline	14.57	138	33961	14.344	nq	# 95
53) 2,4-Dinitrophenol	14.78	184	7896	12.665	nq	# 79
54) Dibenzofuran	15.06	168	649036	49.949	nq	94
55) 4-Nitrophenol	14.89	139	144299	85.580	nq	# 87
56) 2,4-Dinitrotoluene	15.03	165	189445	57.005	nq	# 87
57) Fluorene	15.71	166	540230	49.604	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.29	232	167485	54.487	nq	95
59) Diethylphthalate	15.48	149	565123	48.313	nq	97
60) 4-Chlorophenyl-phenylether	15.70	204	309664	48.377	nq	96
61) 4-Nitroaniline	15.74	138	126685	51.152	nq	# 80
62) Azobenzene	15.99	77	566589	49.107	nq	95
64) 4,6-Dinitro-2-methylphenol	15.79	198	30580	15.635	nq	87
65) n-Nitrosodiphenylamine	15.92	169	485187	48.514	nq	97
66) 4-Bromophenyl-phenylether	16.59	248	213222	52.307	nq	98
67) Hexachlorobenzene	16.71	284	221987	52.881	nq	96
68) Atrazine	16.86	200	228519	55.497	nq	97
69) Pentachlorophenol	17.06	266	110056	43.043	nq	99
70) Phenanthrene	17.45	178	890070	50.768	nq	97
71) Anthracene	17.54	178	904535	51.815	nq	97
72) Carbazole	17.81	167	846855	51.081	nq	97
73) Di-n-butylphthalate	18.36	149	966756	49.346	nq	# 98
74) Fluoranthene	19.45	202	1193266	50.529	nq	96
76) Benzidine	19.64	184	120863	11.708	nq	98
77) Pyrene	19.82	202	1196475	48.191	nq	96
79) Butylbenzylphthalate	20.70	149	463104	52.161	nq	# 94
80) Benzo(a)anthracene	21.65	228	1223276	49.993	nq	100
81) 3,3'-Dichlorobenzidine	21.57	252	178037	20.868	nq	# 97
82) Chrysene	21.72	228	1143052	50.411	nq	96
83) Bis(2-ethylhexyl)phthalate	21.55	149	636887	52.765	nq	# 97
84) Di-n-octyl phthalate	22.76	149	1091963	54.031	nq	# 93
85) Indeno(1,2,3-cd)pyrene	28.54	276	1338802	53.331	nq	# 93
87) Benzo(b)fluoranthene	23.87	252	1179701	50.387	nq	# 97
88) Benzo(k)fluoranthene	23.94	252	1154531	50.440	nq	# 96
89) Benzo(a)pyrene	24.74	252	1152116	52.894	nq	# 97
90) Dibenzo(a,h)anthracene	28.60	278	1118816	52.321	nq	# 96
91) Benzo(g,h,i)perylene	29.70	276	1110315	53.062	nq	# 94

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

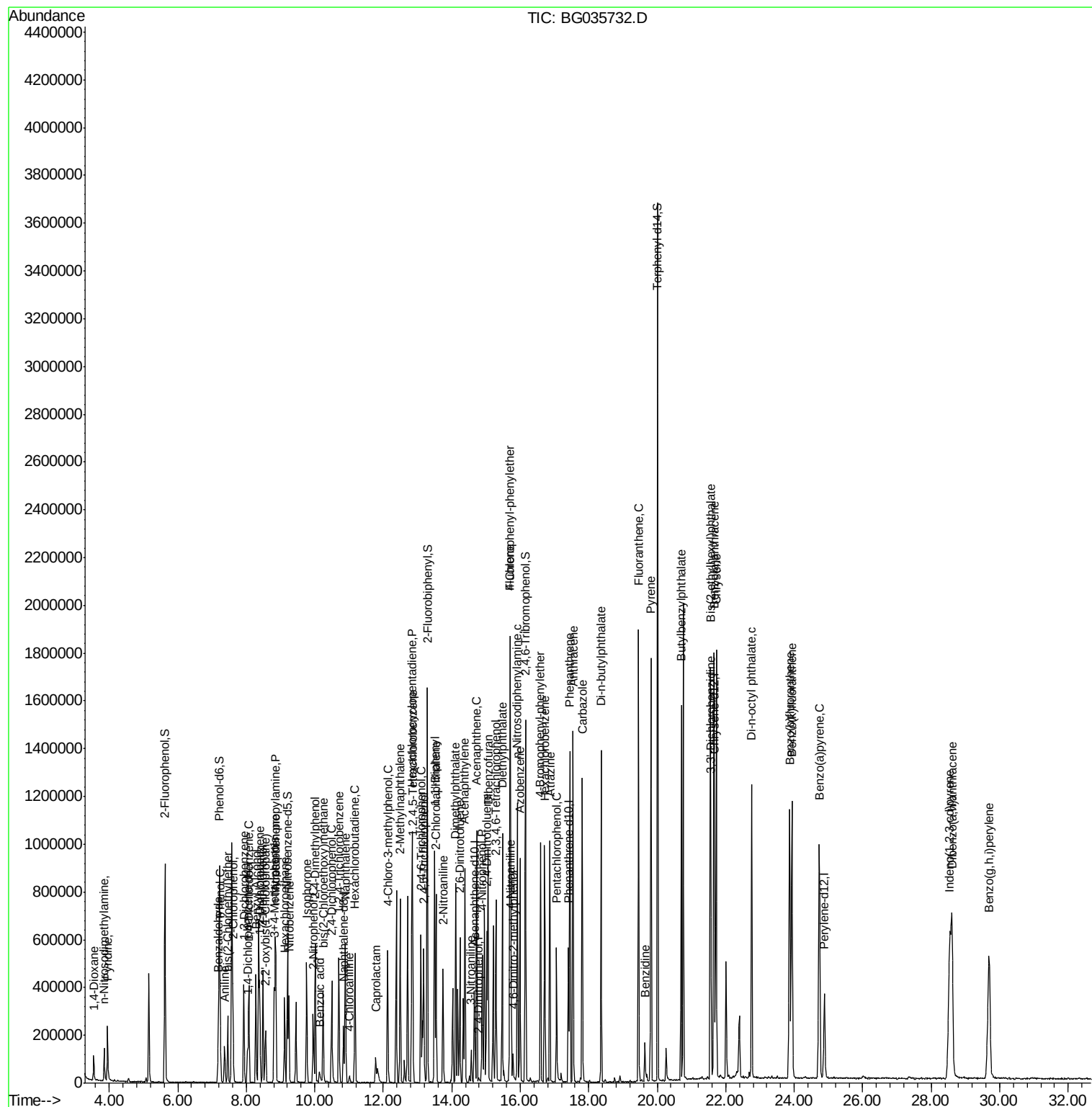
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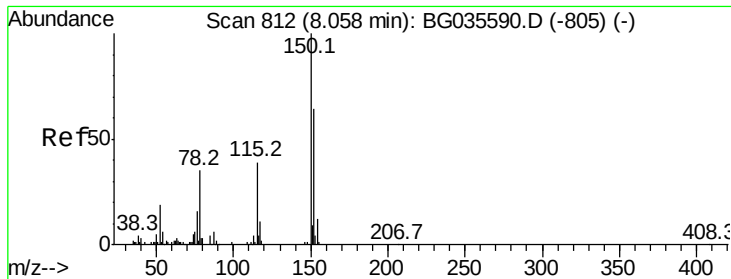
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-071618MSD

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#1

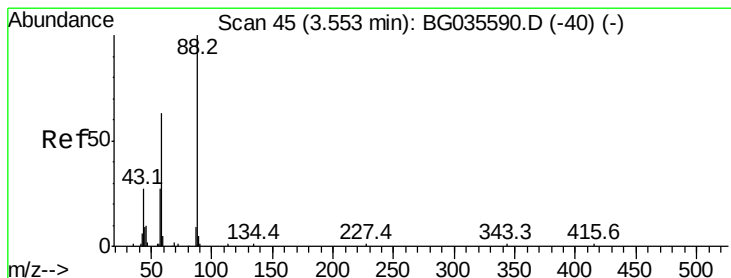
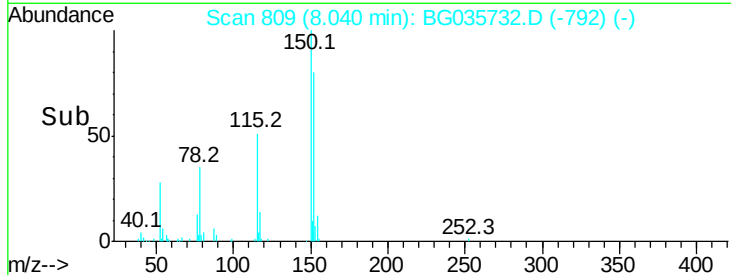
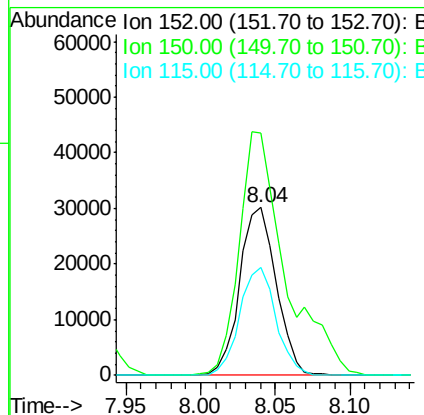
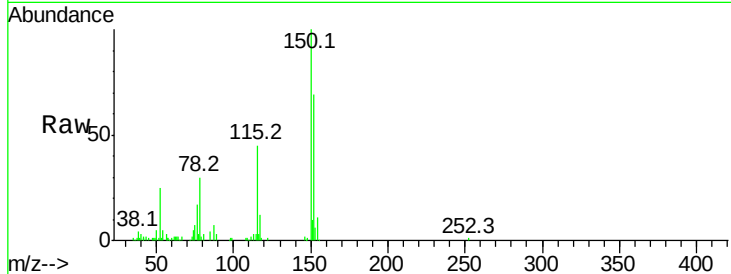
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.00 min
Lab File: BG035732.D
Acq: 19 Jul 2018 00:45

Instrument :
BNA_G
ClientSampleId :
OK-01-071618MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.9	126.6	189.8
115	64.2	53.0	79.4

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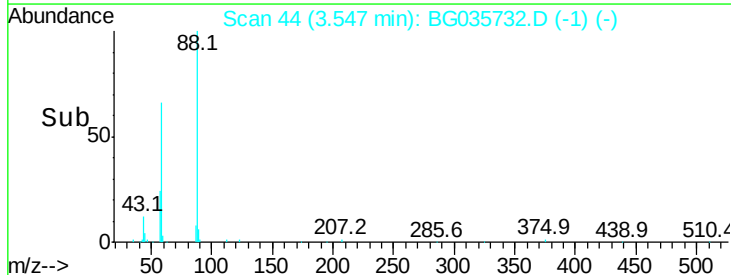
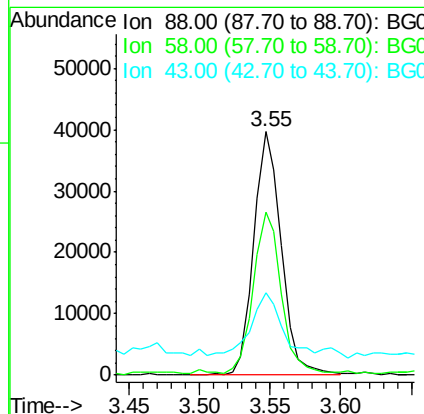
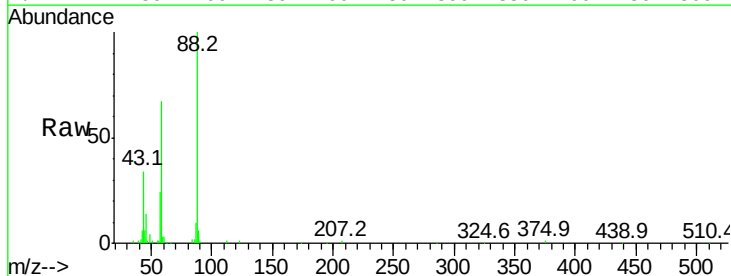
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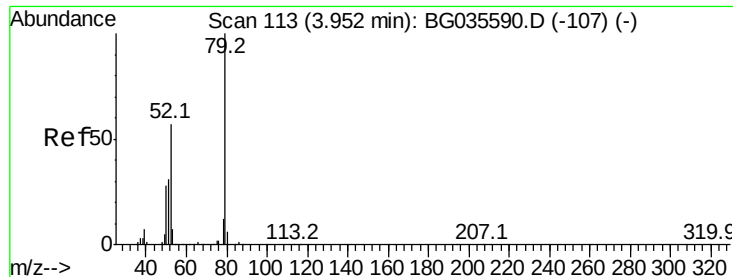


#2

1,4-Dioxane
Concen: 34.557 ng
RT: 3.55 min Scan# 44
Delta R.T. 0.01 min
Lab File: BG035732.D
Acq: 19 Jul 2018 00:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.6	79.6	119.4#
43	26.7	27.4	41.0#





#3

Pvridine

Concen: 34.063 ng

RT: 3.95 min Scan# 112

Delta R.T. 0.01 min

Lab File: BG035732.D

Acq: 19 Jul 2018 00:45

Instrument :

BNA_G

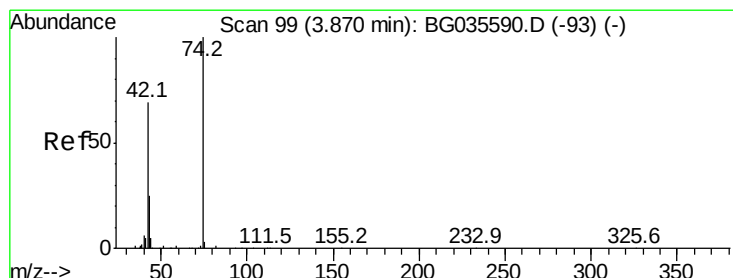
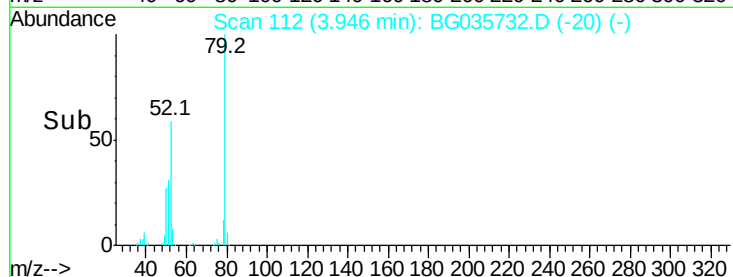
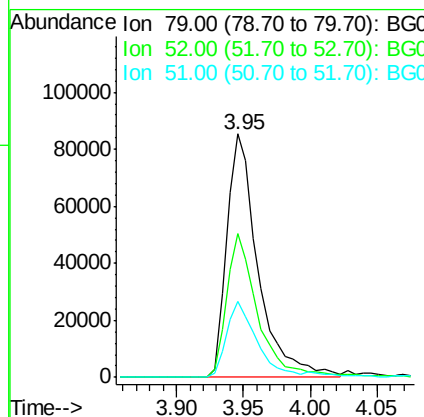
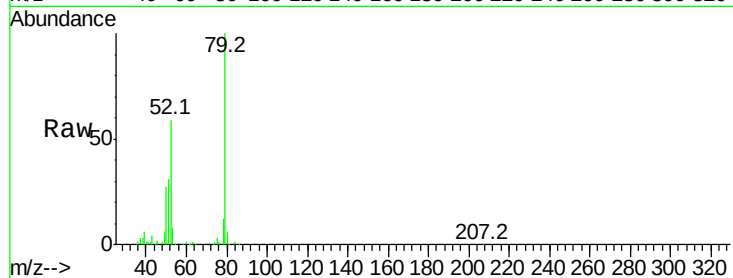
ClientSampleId :

OK-01-071618MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	58.9	69.9	104.9#
51	31.2	34.0	51.0#

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#4

n-Nitrosodimethylamine

Concen: 37.102 ng

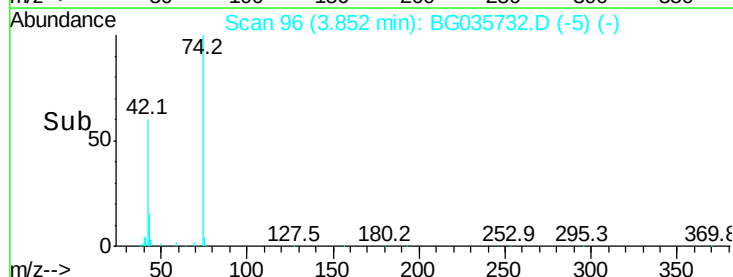
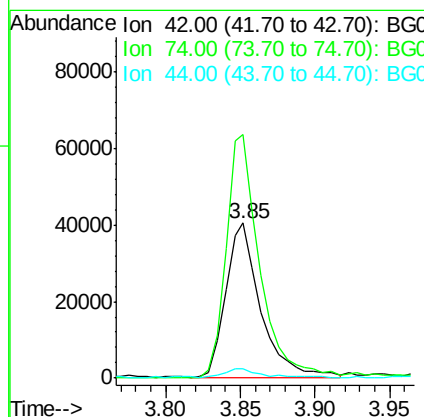
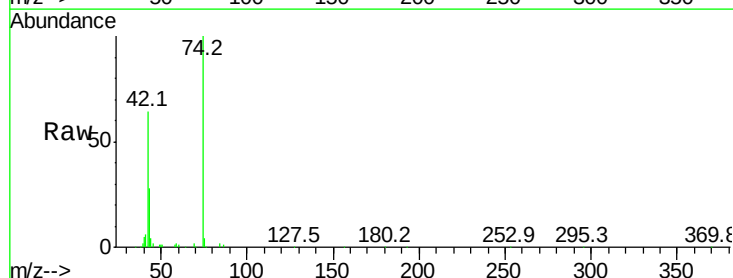
RT: 3.85 min Scan# 96

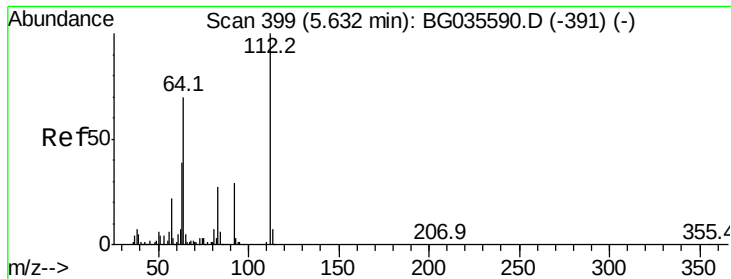
Delta R.T. 0.01 min

Lab File: BG035732.D

Acq: 19 Jul 2018 00:45

Tgt Ion	Ratio	Lower	Upper
42	100		
74	157.0	102.5	153.7#
44	5.8	18.9	28.3#





#5

2-Fluorophenol

Concen: 130.131 ng

RT: 5.63 min Scan# 398

Delta R.T. 0.01 min

Lab File: BG035732.D

Acq: 19 Jul 2018 00:45

Instrument :

BNA_G

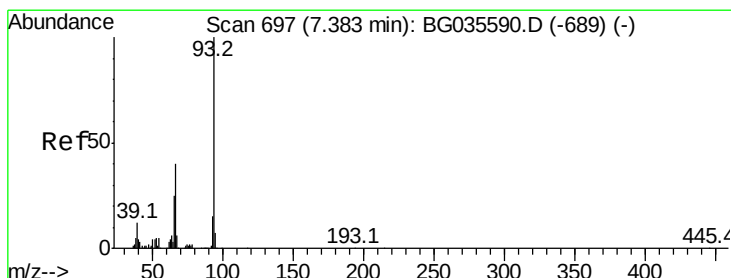
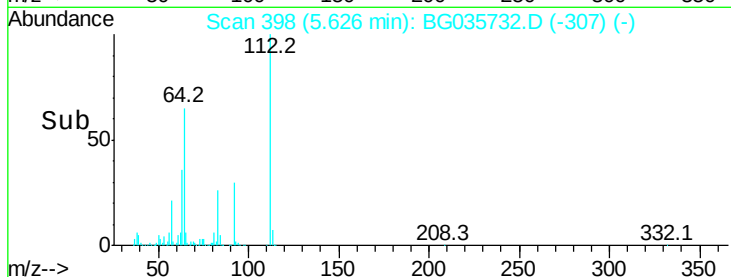
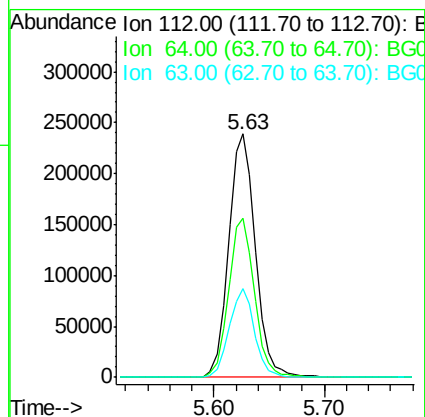
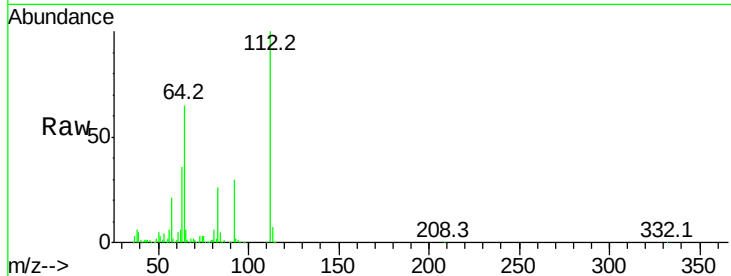
ClientSampleId :

OK-01-071618MSD

Tot Ion:	112	Resp:	403066
Ion Ratio	Lower	Upper	
112	100		
64	65.3	56.3	84.5
63	36.5	30.1	45.1

Manual Integrations
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#6

Aniline

Concen: 18.695 ng

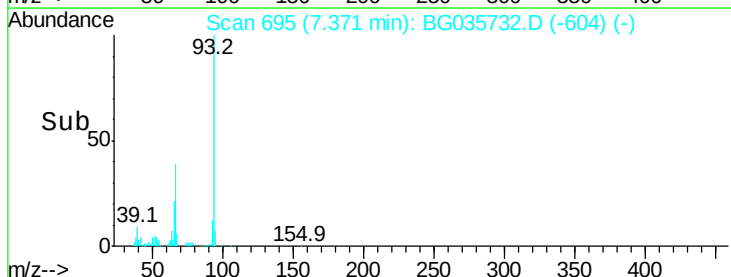
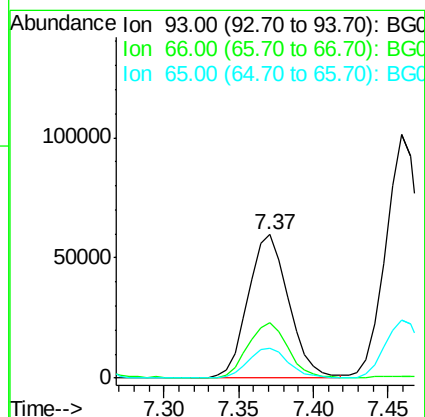
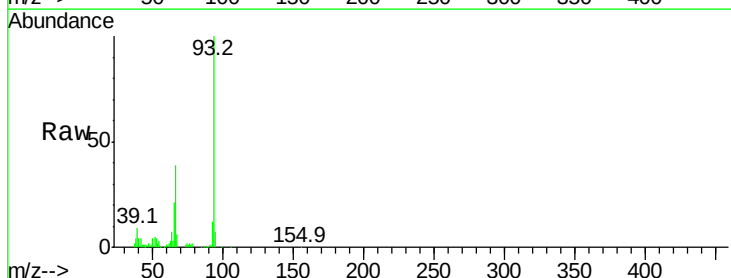
RT: 7.37 min Scan# 695

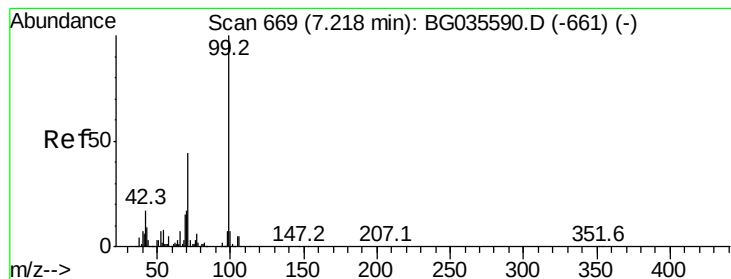
Delta R.T. 0.01 min

Lab File: BG035732.D

Acq: 19 Jul 2018 00:45

Tgt Ion:	93	Resp:	111983
Ion Ratio	Lower	Upper	
93	100		
66	39.1	33.7	50.5
65	21.1	16.1	24.1





#7

Phenol-d6

Concen: 114.371 ng

RT: 7.21 min Scan# 668

Delta R.T. 0.01 min

Lab File: BG035732.D

Acq: 19 Jul 2018 00:45

Instrument :

BNA_G

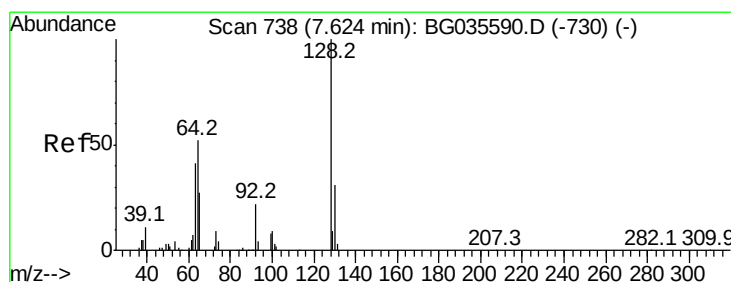
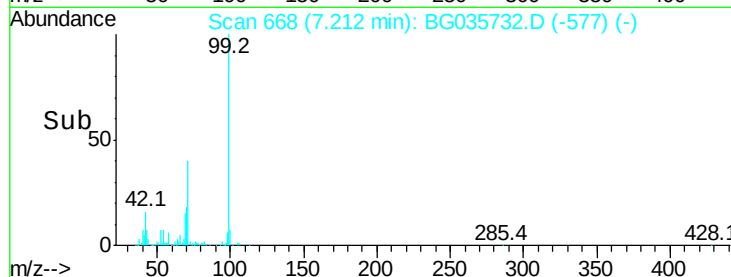
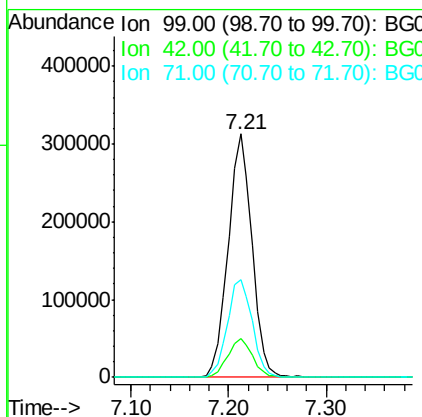
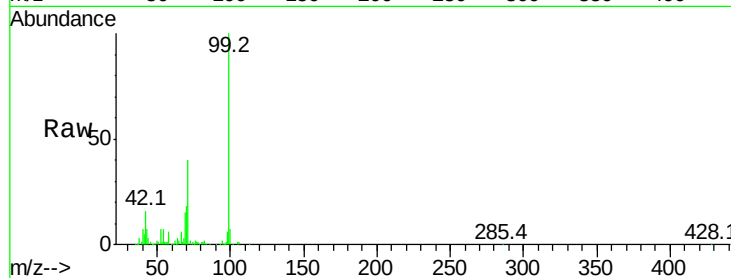
ClientSampleId :

OK-01-071618MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100				
42	16.0	14.1	21.1		
71	40.3	26.1	39.1#		

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#8

2-Chlorophenol

Concen: 48.470 ng

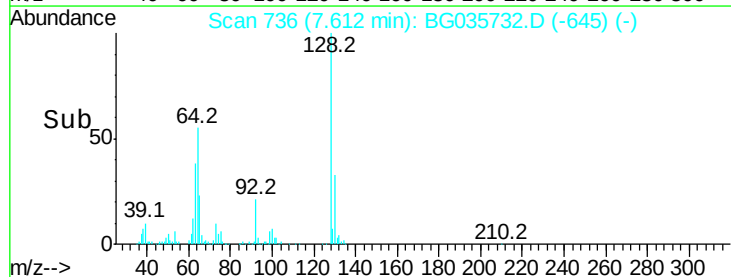
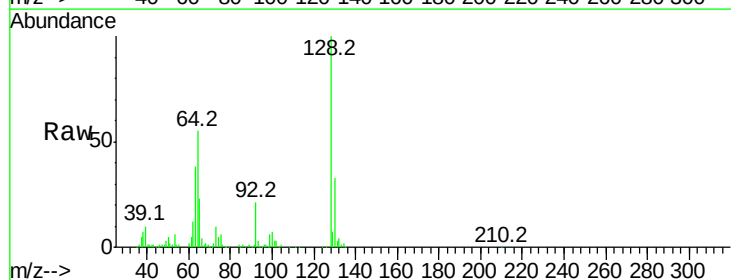
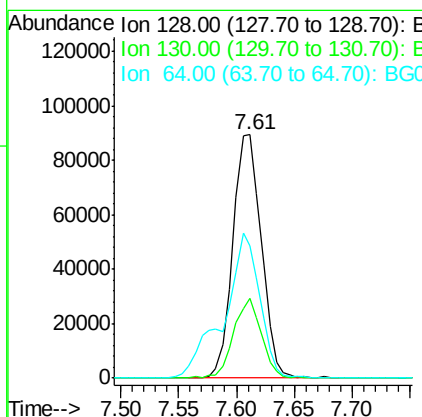
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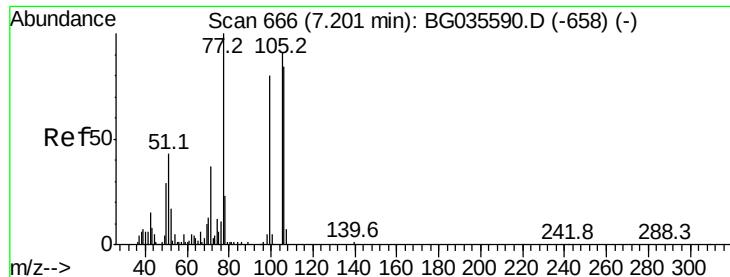
Delta R.T. 0.01 min

Lab File: BG035732.D

Acq: 19 Jul 2018 00:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100				
130	32.5	14.0	54.0		
64	54.6	37.7	77.7		





#9

Benzaldehyde

Concen: 28.387 ng

RT: 7.18 min Scan# 663

Delta R.T. 0.01 min

Lab File: BG035732.D

Acq: 19 Jul 2018 00:45

Instrument :

BNA_G

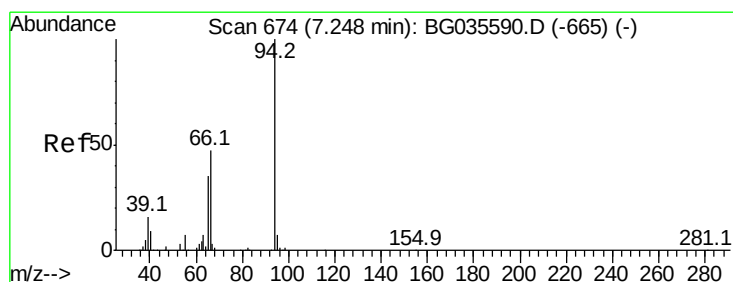
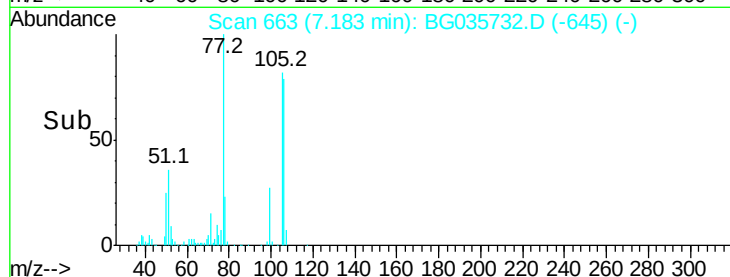
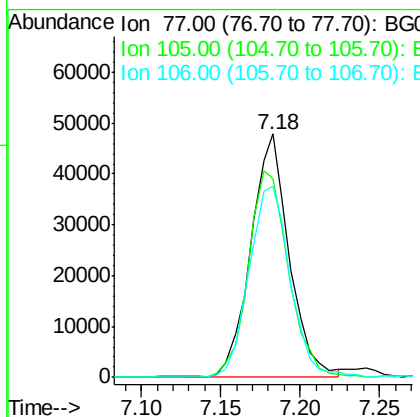
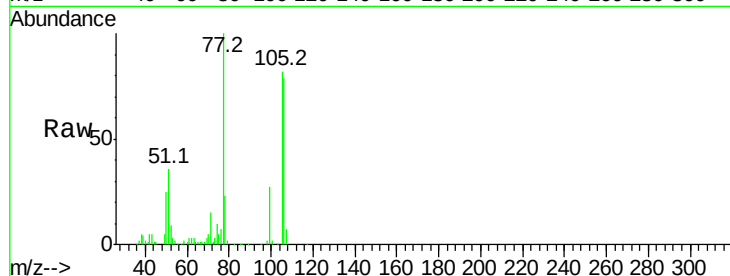
ClientSampleId :

OK-01-071618MSD

Tot Ion:	77	Resp:	80492
Ion	Ratio	Lower	Upper
77	100		
105	81.6	71.3	111.3
106	78.5	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 40.341 ng

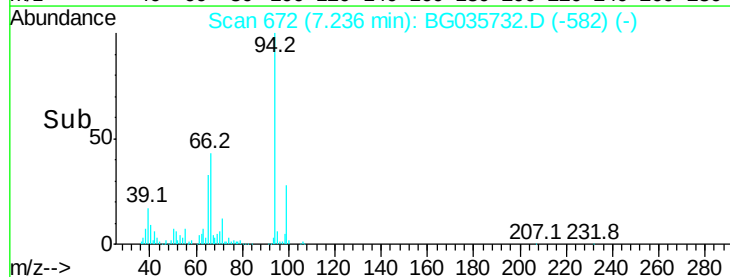
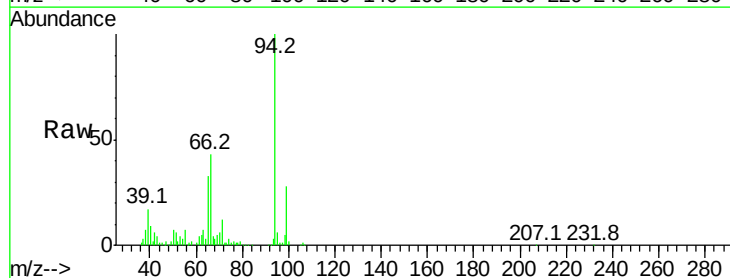
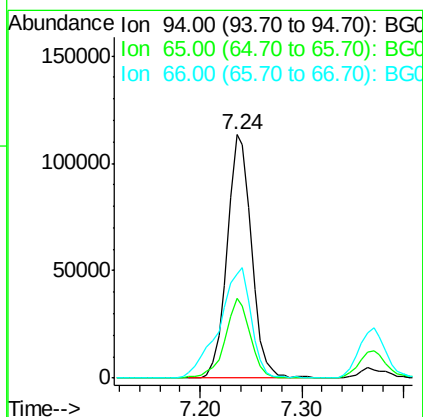
RT: 7.24 min Scan# 672

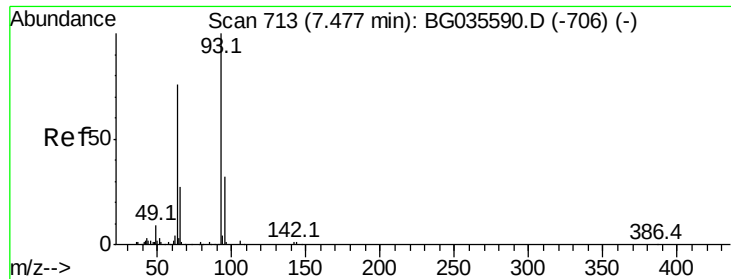
Delta R.T. -0.00 min

Lab File: BG035732.D

Acq: 19 Jul 2018 00:45

Tgt Ion:	94	Resp:	188348
Ion	Ratio	Lower	Upper
94	100		
65	32.8	11.9	51.9
66	42.8	22.2	62.2





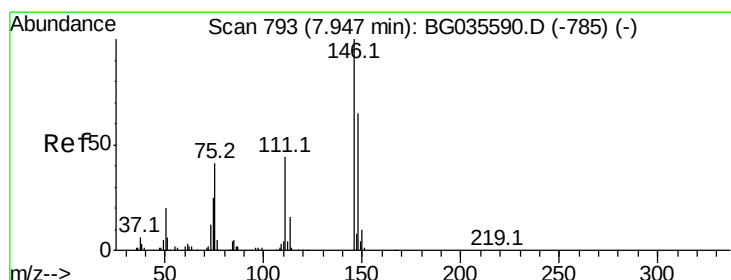
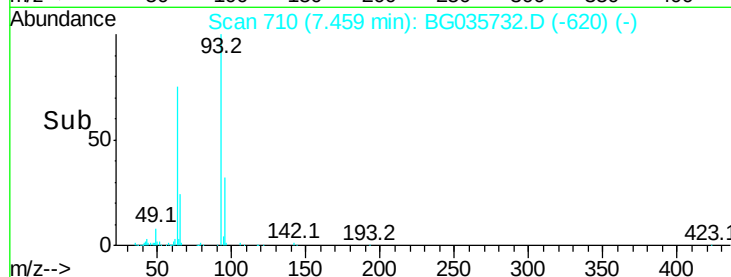
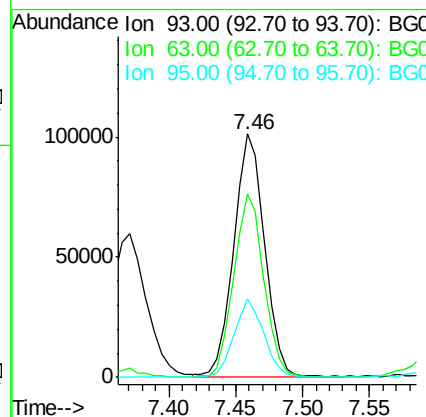
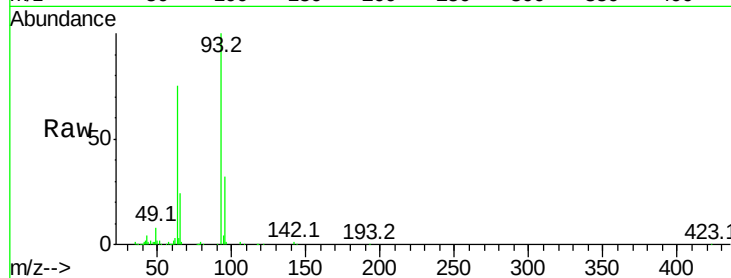
#11
bis(2-Chloroethyl)ether
Concen: 44.590 ng
RT: 7.46 min Scan# 710
Delta R.T. -0.00 min
Lab File: BG035732.D
Acq: 19 Jul 2018 00:45

Instrument :
BNA_G
ClientSampleId :
OK-01-071618MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	75.2	67.1	107.1	
95	32.1	11.5	51.5	

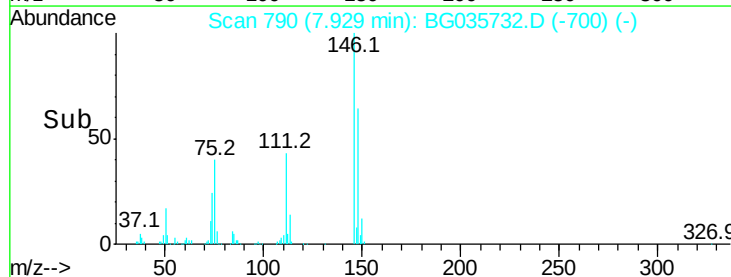
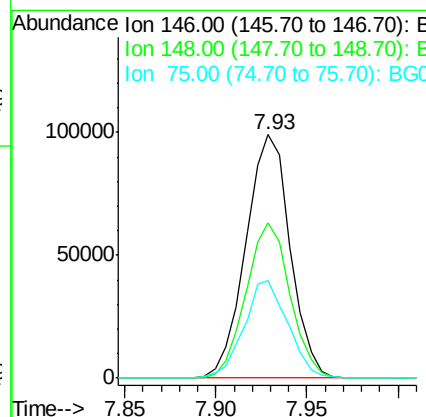
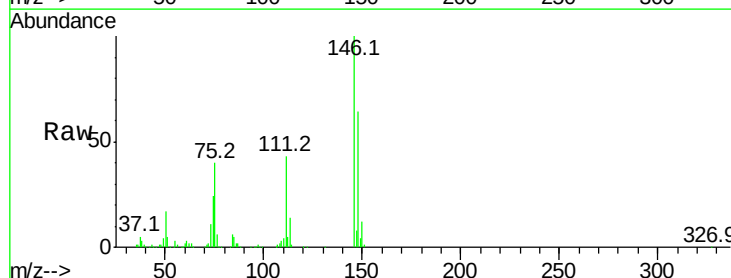
Manual Integrations
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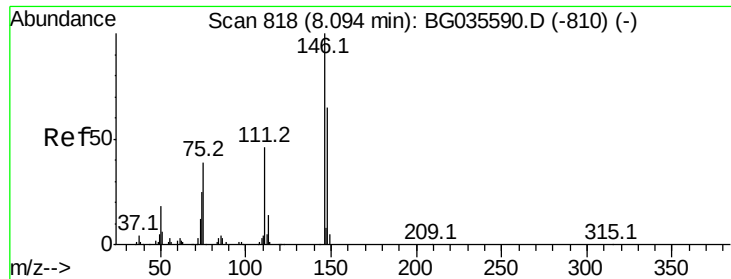
Sohil
7/19/2018 3:45:22 PM



#12
1,3-Dichlorobenzene
Concen: 44.226 ng m
RT: 7.93 min Scan# 790
Delta R.T. -0.00 min
Lab File: BG035732.D
Acq: 19 Jul 2018 00:45

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	63.5	51.4	77.2	
75	40.2	26.6	39.8	





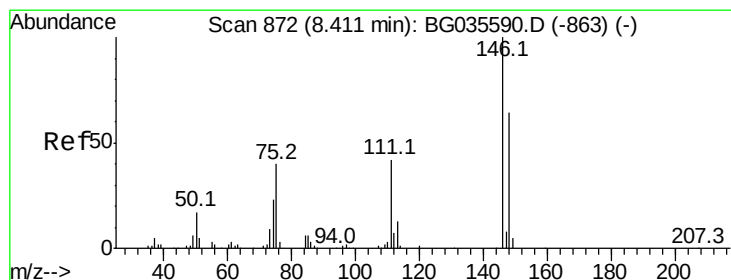
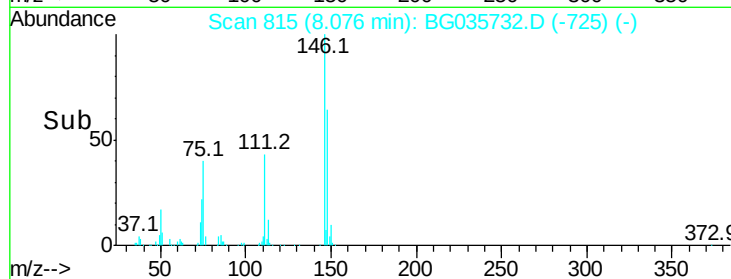
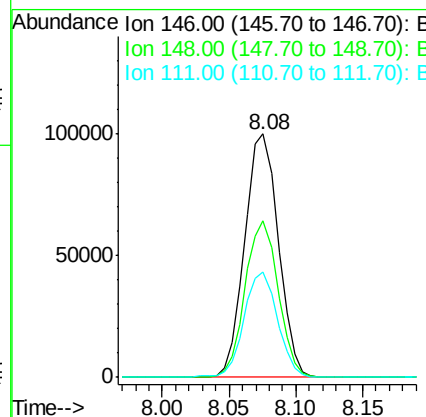
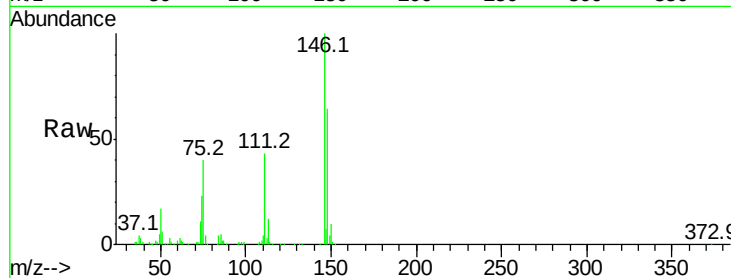
#13
 1,4-Dichlorobenzene
 Concen: 45.039 ng
 RT: 8.08 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BG035732.D
 Acq: 19 Jul 2018 00:45

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-071618MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	53.7	80.5
111	43.2	35.2	52.8

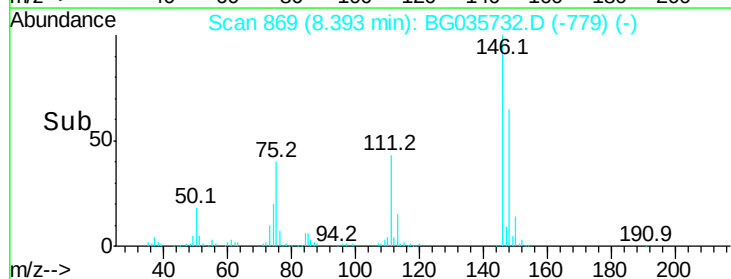
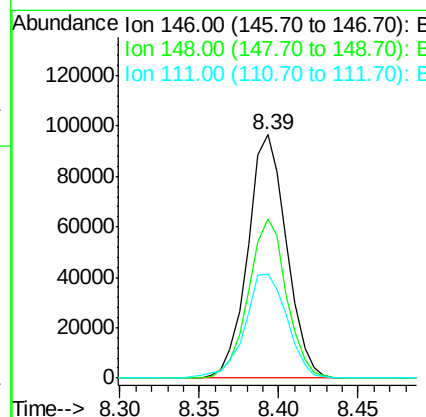
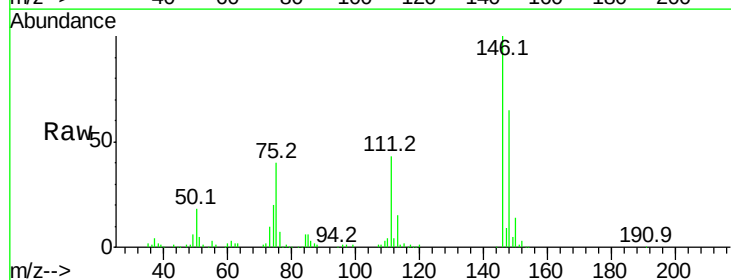
Manual Integrations
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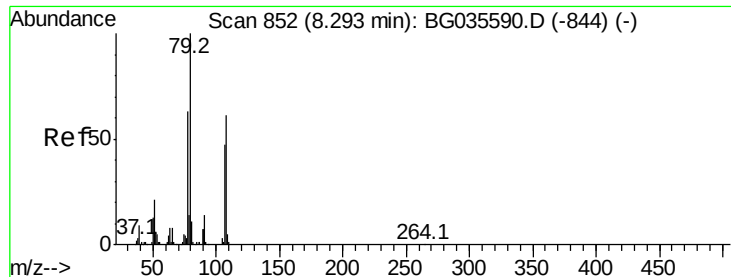
Sohil
 7/19/2018 3:45:22 PM



#14
 1,2-Dichlorobenzene
 Concen: 44.050 ng
 RT: 8.39 min Scan# 869
 Delta R.T. -0.00 min
 Lab File: BG035732.D
 Acq: 19 Jul 2018 00:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	49.3	73.9
111	42.8	34.3	51.5





#15

Benzyl Alcohol

Concen: 42.650 ng

RT: 8.28 min Scan# 850

Delta R.T. 0.01 min

Lab File: BG035732.D

Acq: 19 Jul 2018 00:45

Instrument :

BNA_G

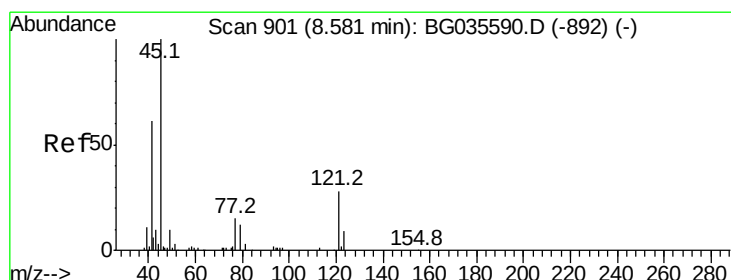
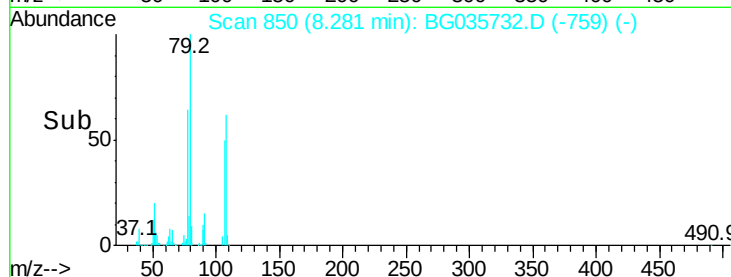
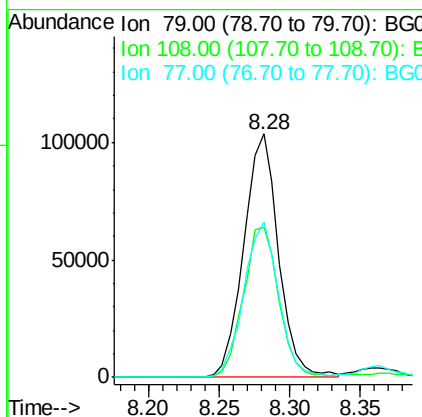
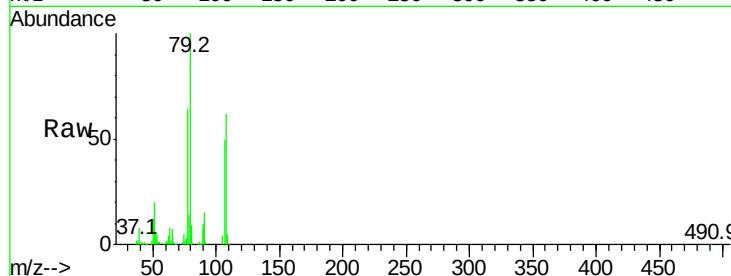
ClientSampleId :

OK-01-071618MSD

Tot Ion:	79	Resp:	178982
Ion Ratio	Lower	Upper	
79	100		
108	61.6	57.2	85.8
77	63.6	46.1	69.1

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#16

2,2'-oxybis(1-chloropropane)

Concen: 57.868 ng

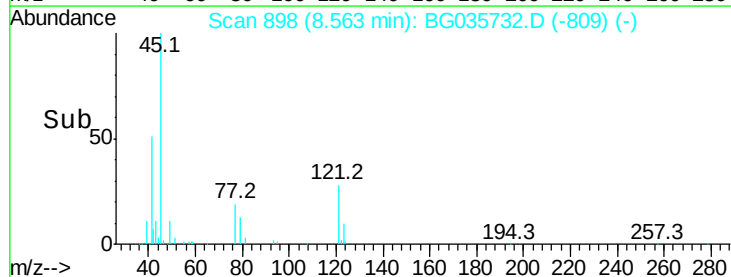
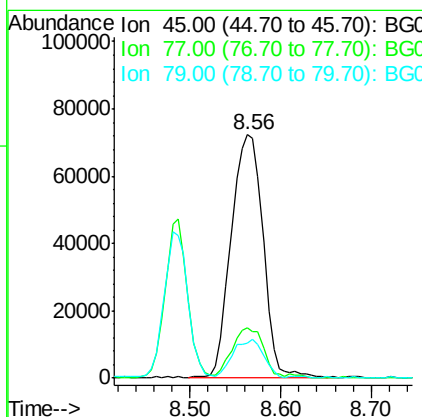
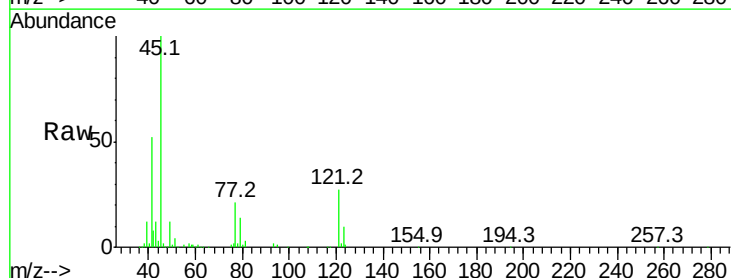
RT: 8.56 min Scan# 898

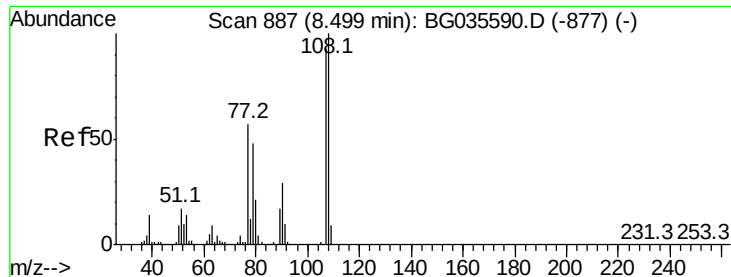
Delta R.T. -0.01 min

Lab File: BG035732.D

Acq: 19 Jul 2018 00:45

Tgt Ion:	45	Resp:	177389
Ion Ratio	Lower	Upper	
45	100		
77	20.7	0.0	30.2
79	14.4	0.0	27.9





#17

2-Methylphenol

Concen: 47.787 ng

RT: 8.49 min Scan# 885

Delta R.T. 0.01 min

Lab File: BG035732.D

Acq: 19 Jul 2018 00:45

Instrument :

BNA_G

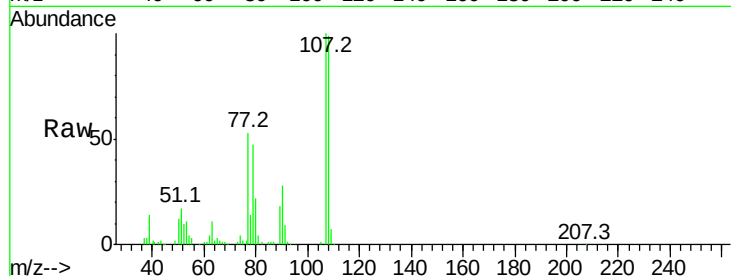
ClientSampleId :

OK-01-071618MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	151693		
108	99.0	83.9	125.9	
77	52.5	37.2	55.8	
79	47.3	36.2	54.2	

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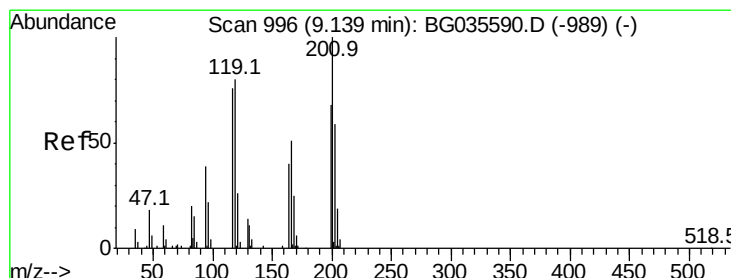
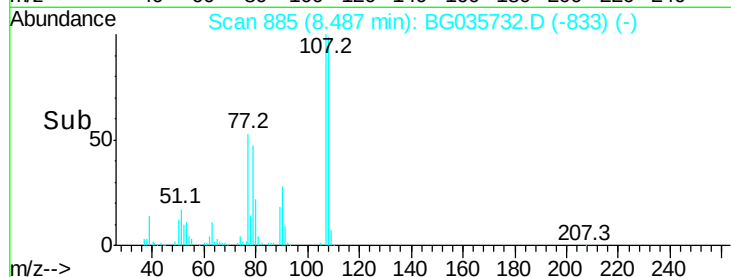
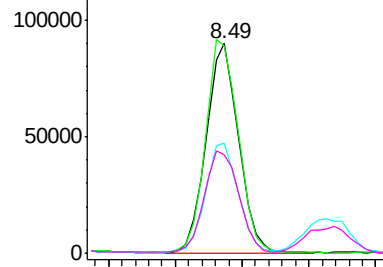


Abundance Ion 107.00 (106.70 to 107.70): E

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: 43.020 ng

RT: 9.12 min Scan# 992

Delta R.T. -0.01 min

Lab File: BG035732.D

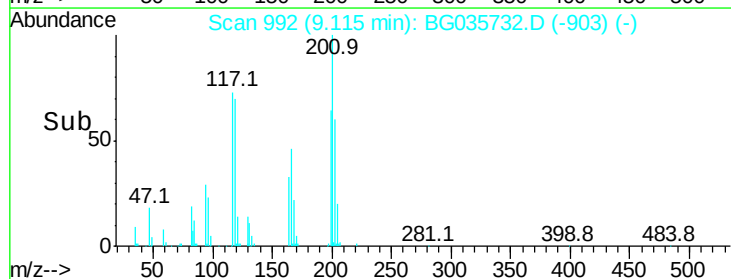
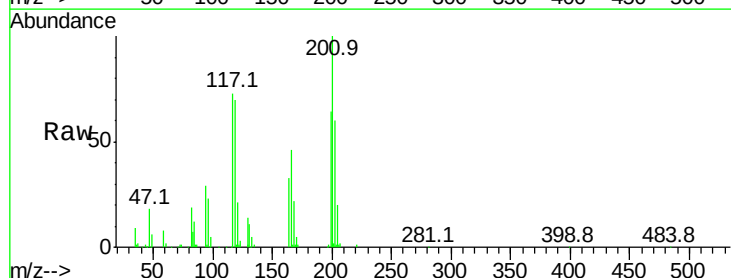
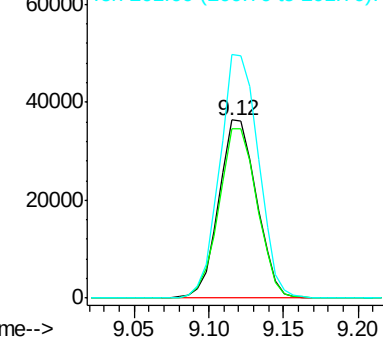
Acq: 19 Jul 2018 00:45

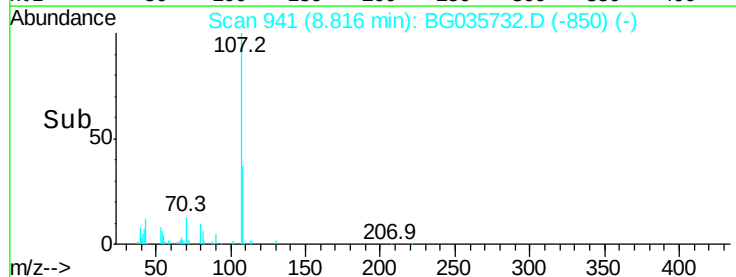
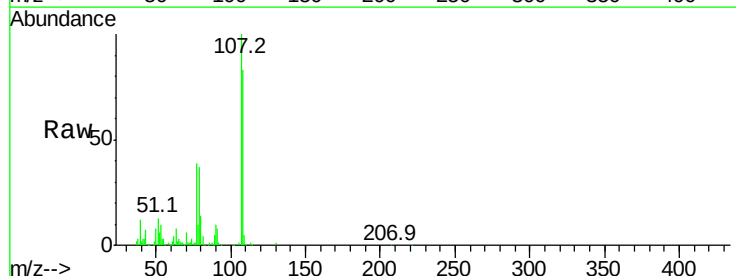
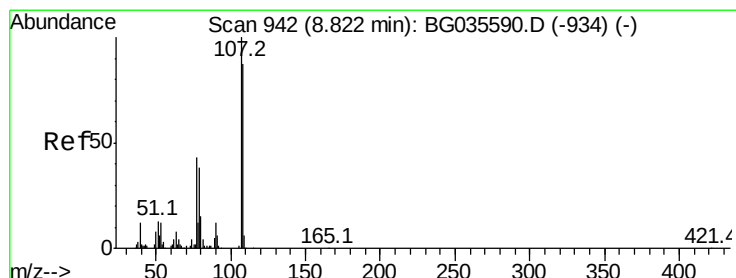
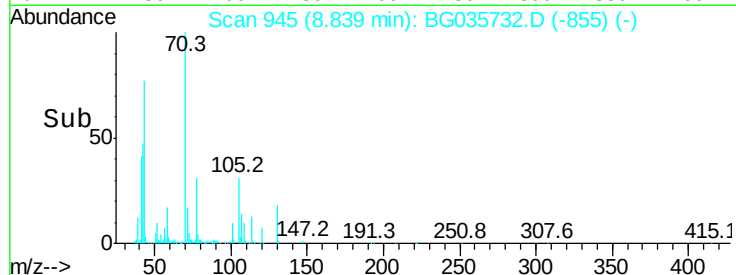
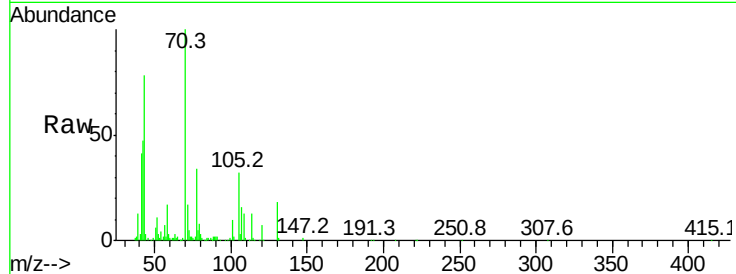
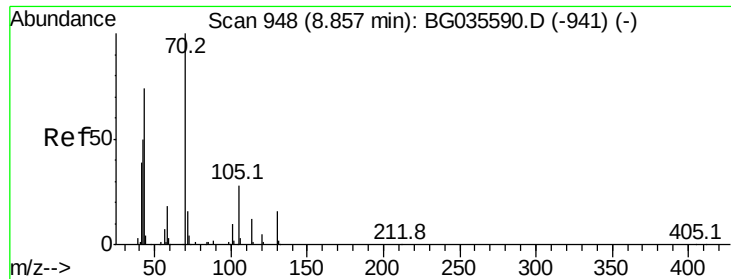
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	63578		
119	95.4	76.7	115.1	
201	136.8	95.7	143.5	

Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

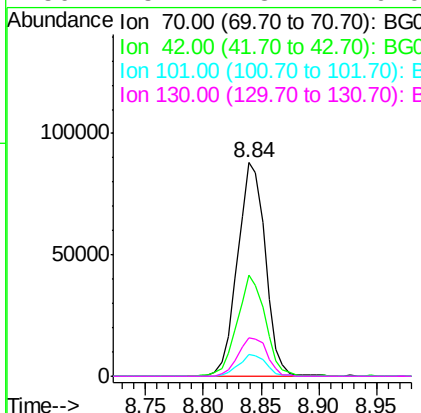
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 37.696 ng
RT: 8.84 min Scan# 945
Delta R.T. -0.00 min
Lab File: BG035732.D
Acq: 19 Jul 2018 00:45

Tot Ion	Ratio	Lower	Upper
70	100		
42	47.2	49.1	73.7#
101	10.3	8.5	12.7
130	18.2	13.4	20.0



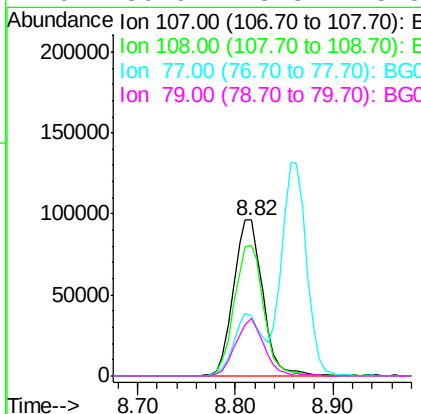
Instrument :
BNA_G
ClientSampleId :
OK-01-071618MSD

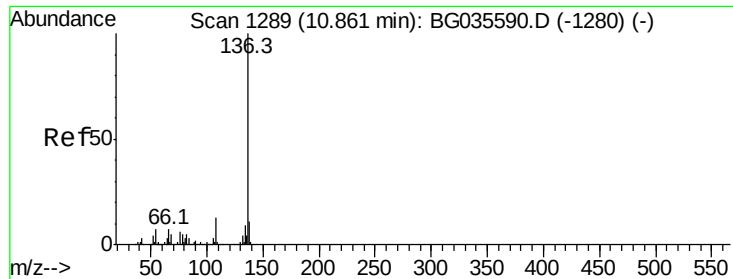
Manual Integrations
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#20
3+4-Methylphenols
Concen: 45.721 ng
RT: 8.82 min Scan# 941
Delta R.T. 0.01 min
Lab File: BG035732.D
Acq: 19 Jul 2018 00:45

Tgt Ion	Ratio	Lower	Upper
107	100		
108	83.3	61.6	101.6
77	38.8	13.9	53.9
79	36.9	8.8	48.8





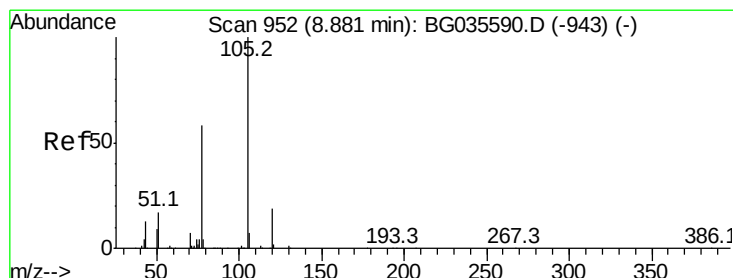
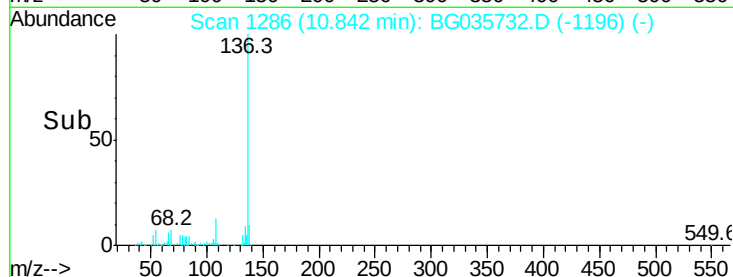
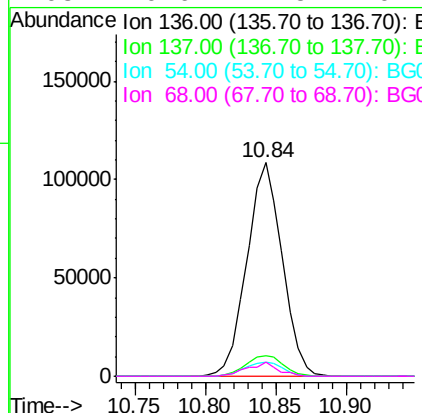
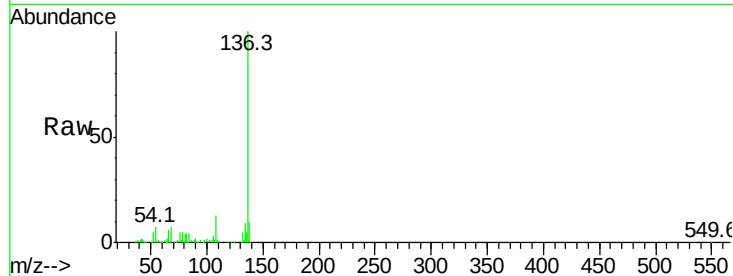
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BG035732.D
Acq: 19 Jul 2018 00:45

Instrument :
BNA_G
ClientSampleId :
OK-01-071618MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	190379		
137	9.9	9.2	13.8	
54	6.8	10.3	15.5	
68	6.6	4.5	6.7	

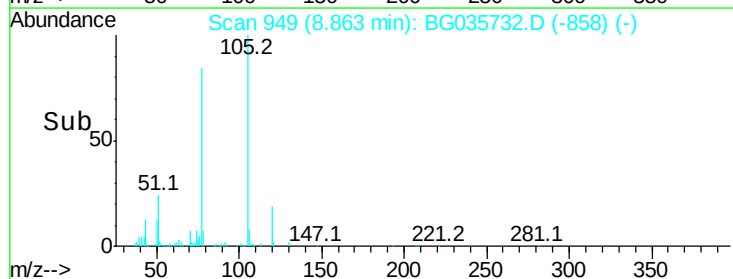
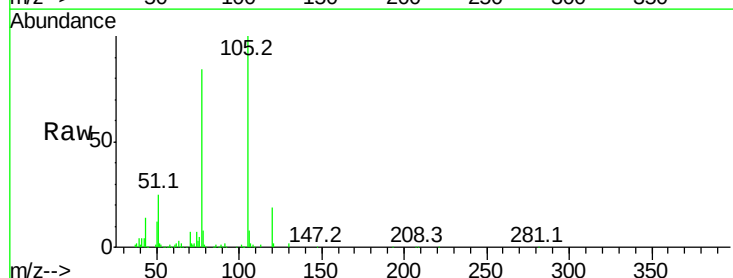
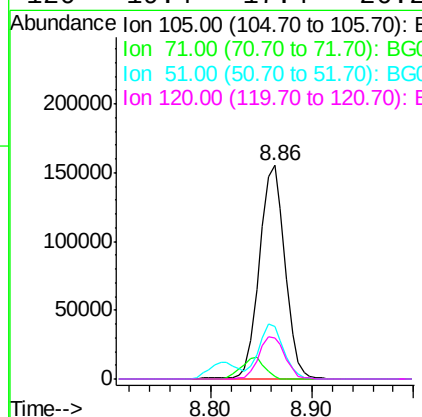
Manual Integrations
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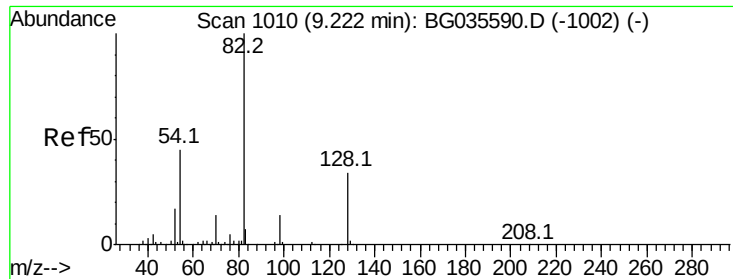
Sohil
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#22
Acetophenone
Concen: 46.011 ng
RT: 8.86 min Scan# 949
Delta R.T. 0.01 min
Lab File: BG035732.D
Acq: 19 Jul 2018 00:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	272396		
71	1.5	3.0	4.4	
51	24.5	26.1	39.1	
120	19.4	17.4	26.2	





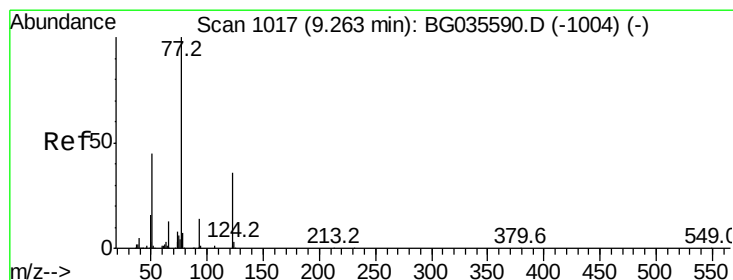
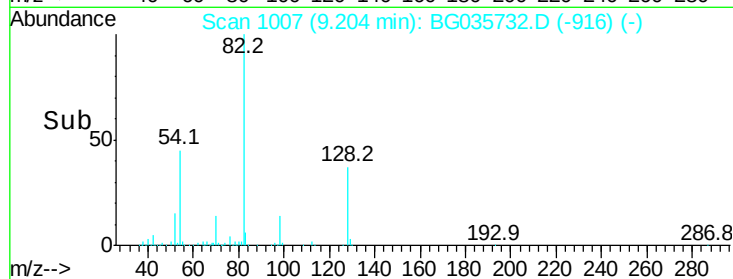
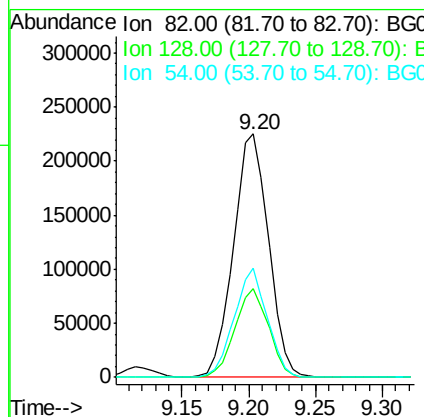
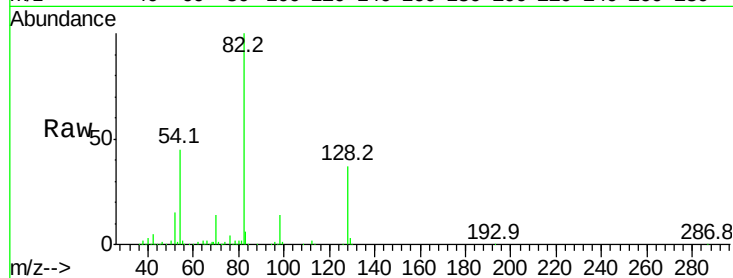
#23
Nitrobenzene-d5
Concen: 89.945 ng
RT: 9.20 min Scan# 1007
Delta R.T. 0.01 min
Lab File: BG035732.D
Acq: 19 Jul 2018 00:45

Instrument :
BNA_G
ClientSampleId :
OK-01-071618MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.6	29.7	44.5
54	44.8	43.1	64.7

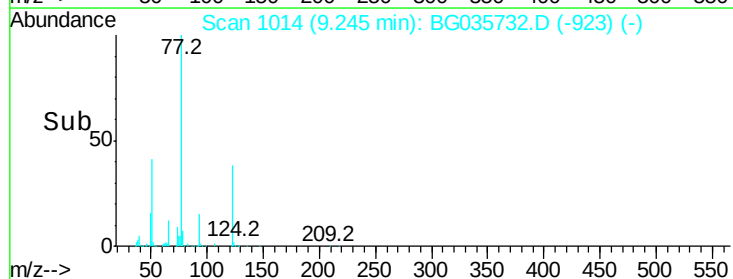
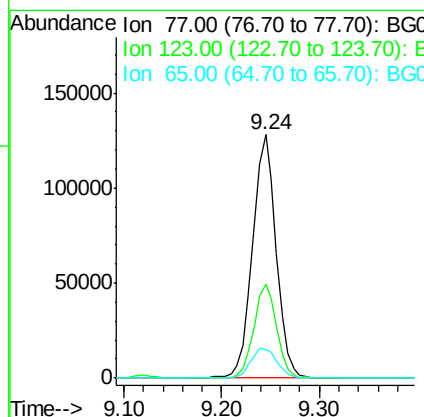
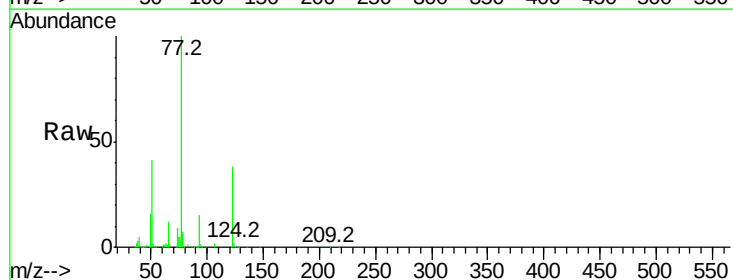
Manual Integrations
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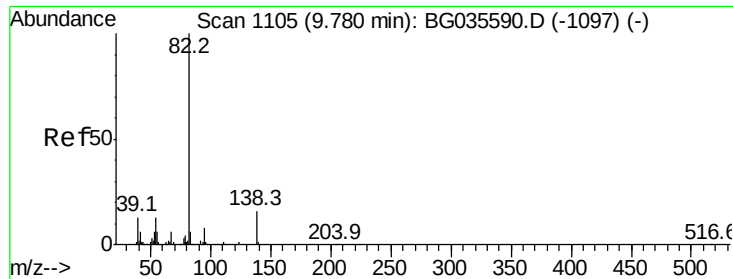
Sohil
7/19/2018 3:45:22 PM



#24
Nitrobenzene
Concen: 47.511 ng
RT: 9.24 min Scan# 1014
Delta R.T. 0.01 min
Lab File: BG035732.D
Acq: 19 Jul 2018 00:45

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.4	33.0	49.6
65	11.9	13.0	19.6





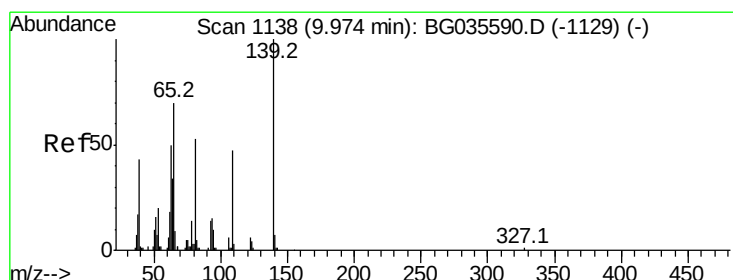
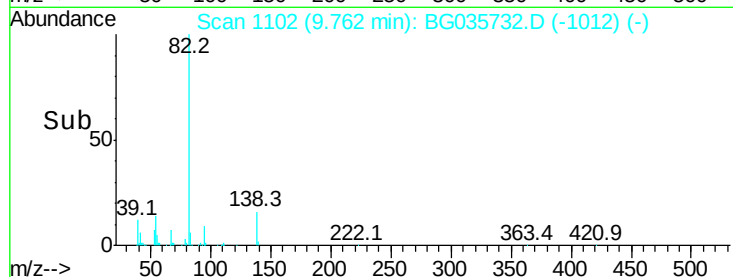
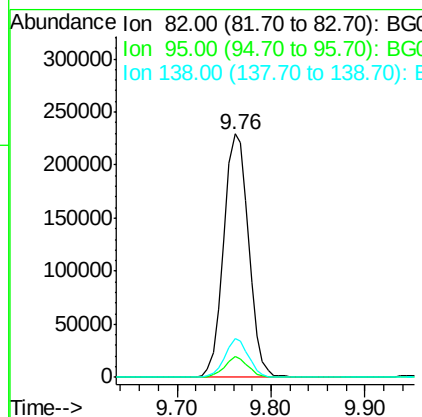
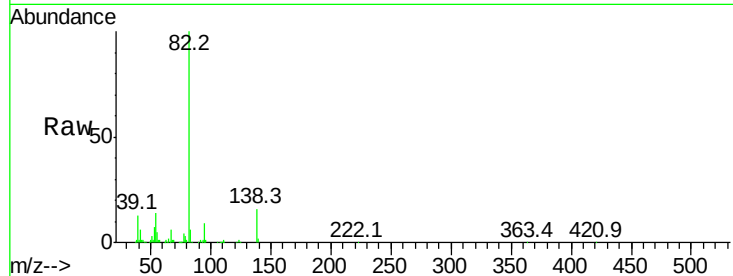
#25
Isophorone
Concen: 50.145 ng
RT: 9.76 min Scan# 1102
Delta R.T. -0.00 min
Lab File: BG035732.D
Acq: 19 Jul 2018 00:45

Instrument :
BNA_G
ClientSampleId :
OK-01-071618MSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	8.5	6.2	9.2
138	15.9	12.1	18.1

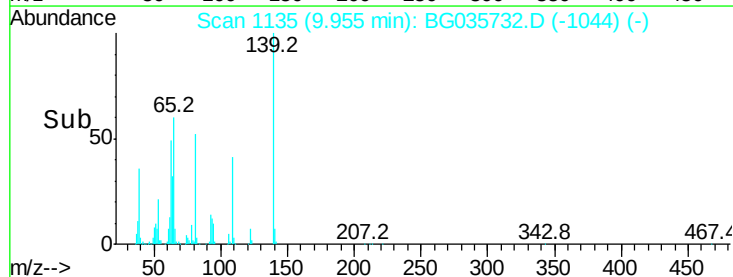
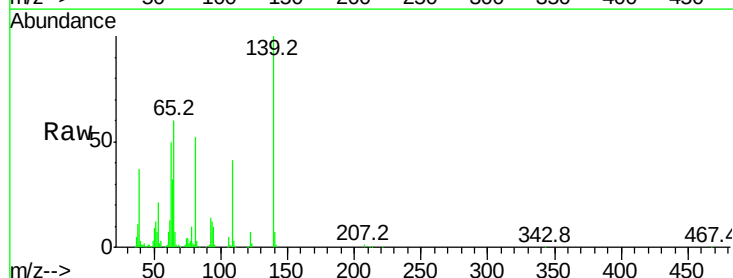
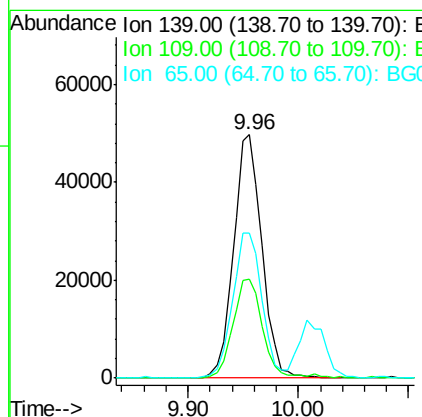
Manual Integrations
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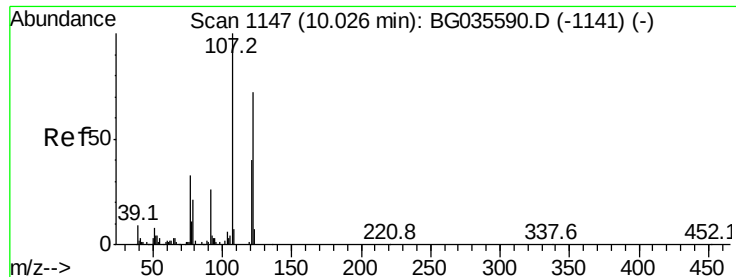
Sohil
7/19/2018 3:45:22 PM



#26
2-Nitrophenol
Concen: 54.855 ng
RT: 9.96 min Scan# 1135
Delta R.T. 0.01 min
Lab File: BG035732.D
Acq: 19 Jul 2018 00:45

Tgt Ion	Ratio	Lower	Upper
139	100		
109	40.5	24.2	36.2#
65	59.7	47.4	71.0





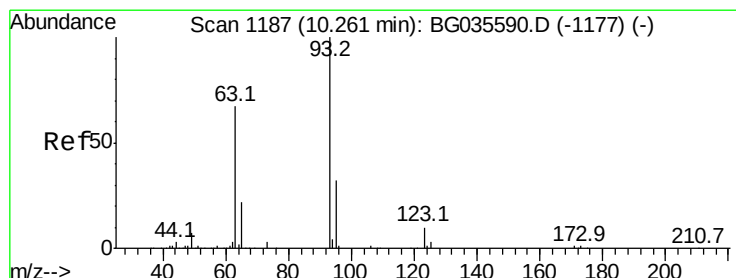
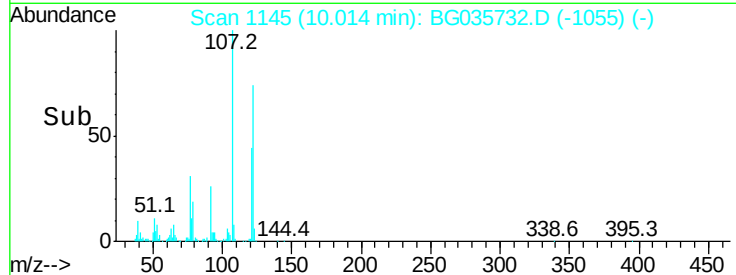
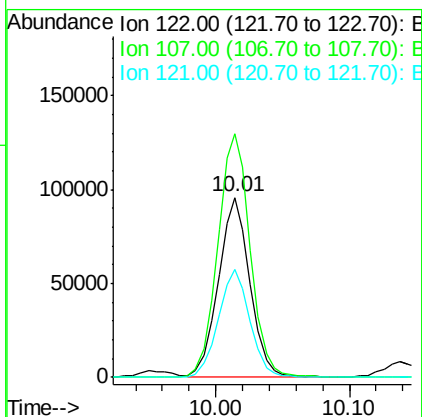
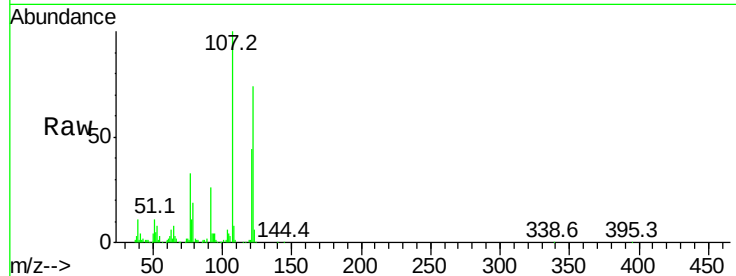
#27
2,4-Dimethylphenol
Concen: 56.763 ng
RT: 10.01 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BG035732.D
Acq: 19 Jul 2018 00:45

Instrument :
BNA_G
ClientSampleId :
OK-01-071618MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	135.4	100.2	150.2
121	60.0	44.4	66.6

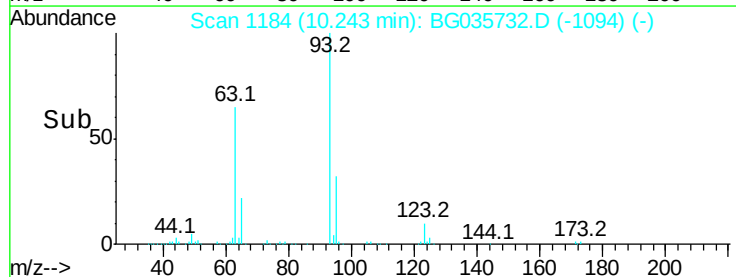
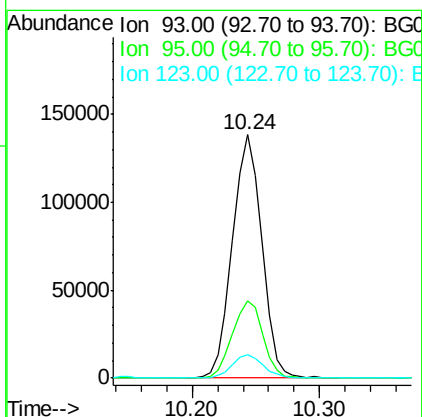
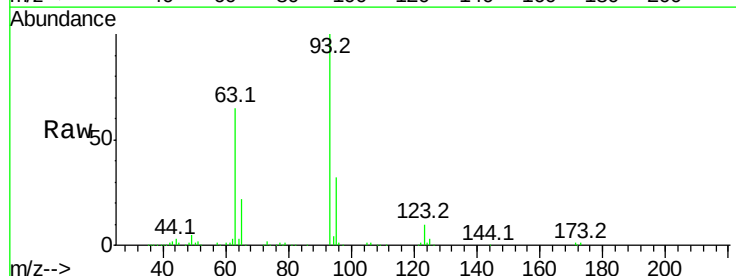
Manual Integrations
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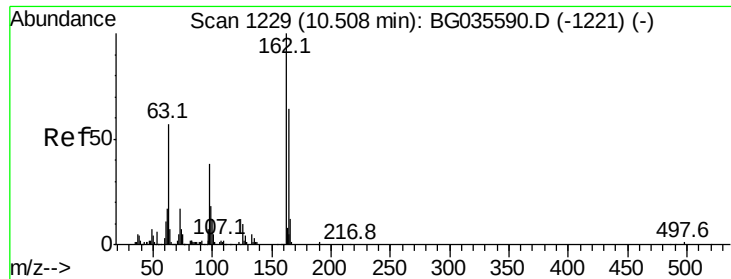
Sohil
7/19/2018 3:45:22 PM



#28
bis(2-Chloroethoxy)methane
Concen: 47.619 ng
RT: 10.24 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BG035732.D
Acq: 19 Jul 2018 00:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	24.3	36.5
123	9.7	8.4	12.6





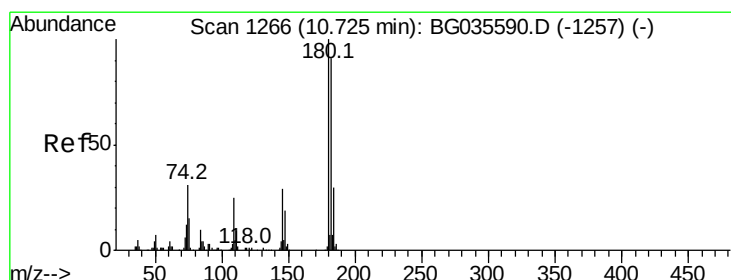
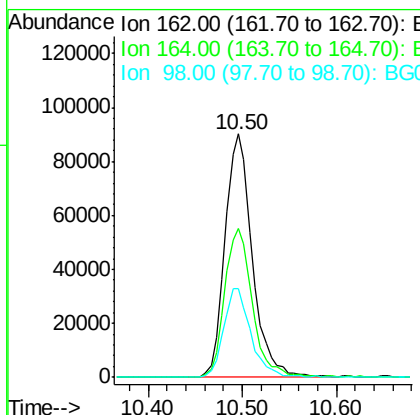
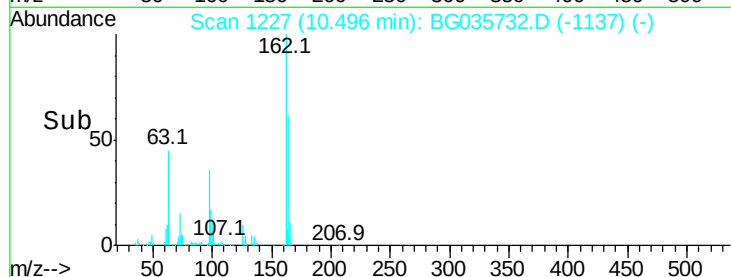
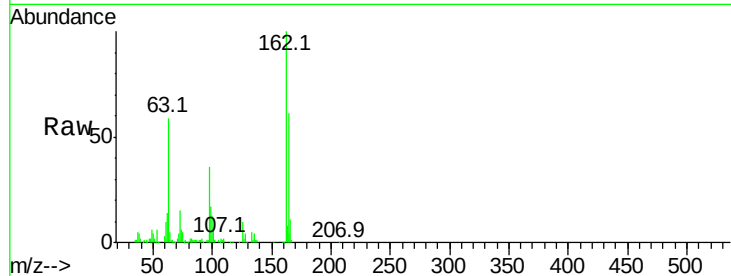
#29
2,4-Dichlorophenol
Concen: 57.574 ng
RT: 10.50 min Scan# 1227
Delta R.T. -0.00 min
Lab File: BG035732.D
Acq: 19 Jul 2018 00:45

Instrument :
BNA_G
ClientSampleId :
OK-01-071618MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.0	48.0	88.0
98	36.2	21.1	61.1

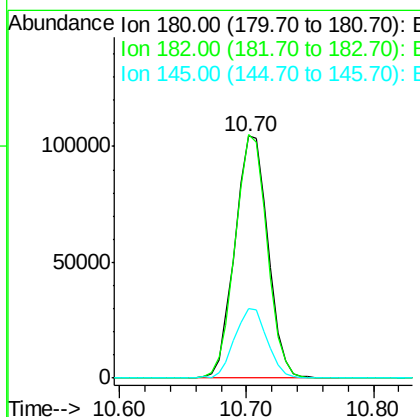
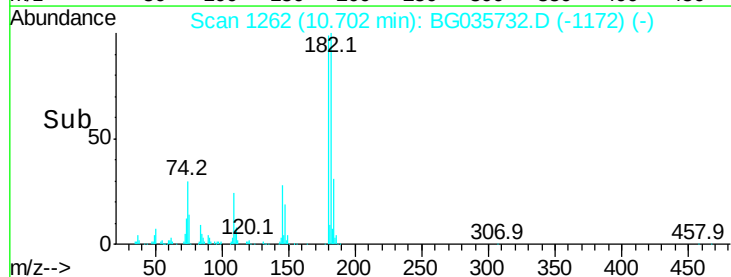
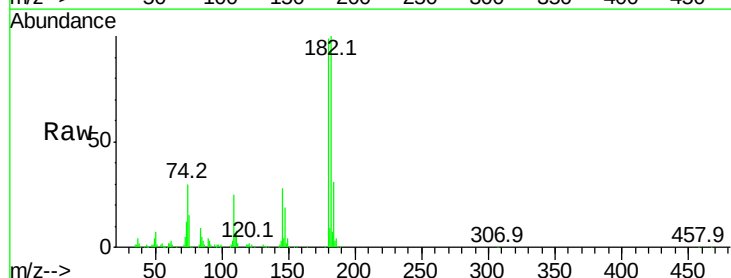
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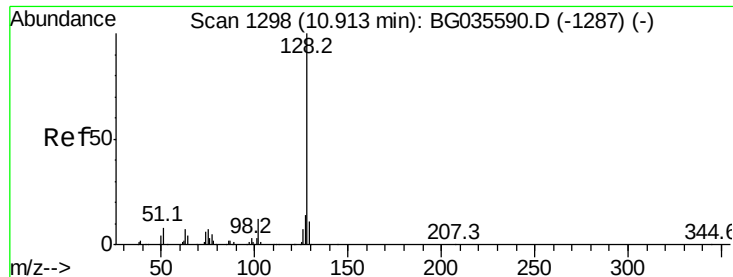
Sohil
7/19/2018 3:45:22 PM



#30
1,2,4-Trichlorobenzene
Concen: 48.970 ng
RT: 10.70 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BG035732.D
Acq: 19 Jul 2018 00:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.6	77.5	116.3
145	28.6	23.4	35.2





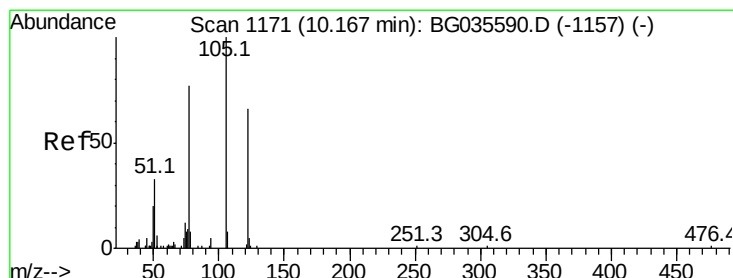
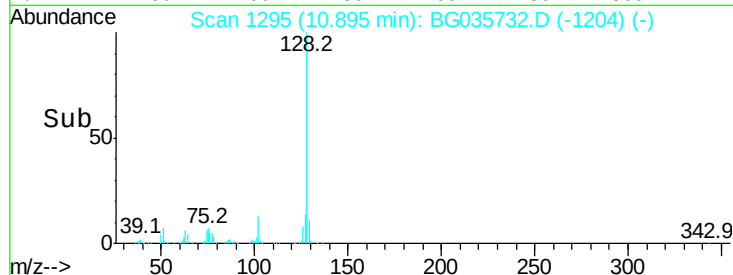
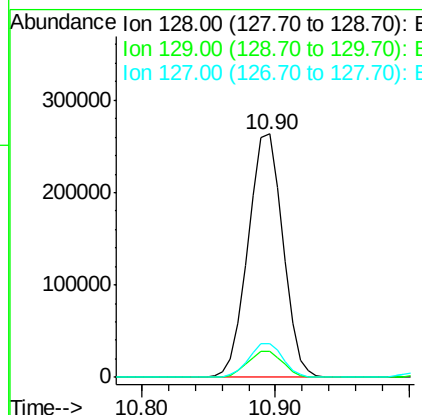
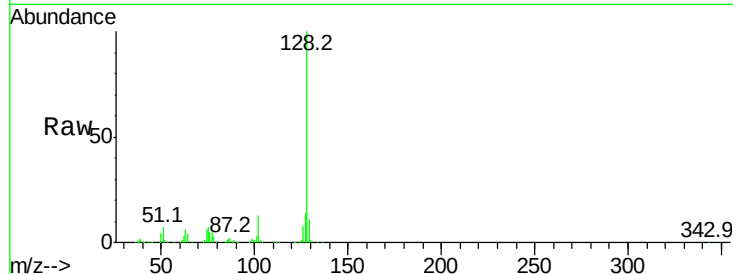
#31
Naphthalene
Concen: 47.839 ng
RT: 10.90 min Scan# 1295
Delta R.T. 0.01 min
Lab File: BG035732.D
Acq: 19 Jul 2018 00:45

Instrument :
BNA_G
ClientSampleId :
OK-01-071618MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	12.8
127	13.7	11.6	17.4

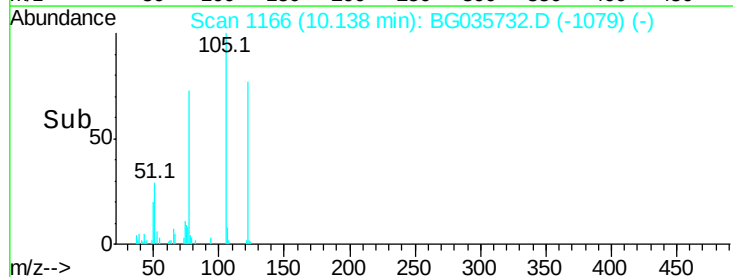
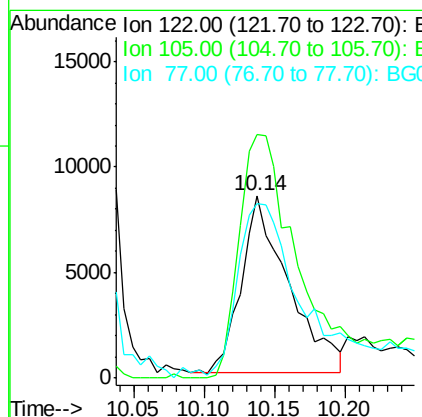
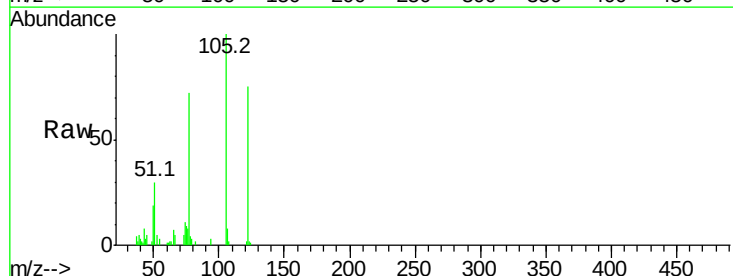
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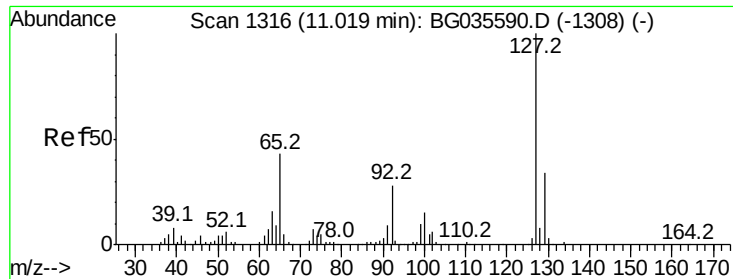
Sohil
7/19/2018 3:45:22 PM



#32
Benzoic acid
Concen: 10.665 ng
RT: 10.14 min Scan# 1166
Delta R.T. -0.02 min
Lab File: BG035732.D
Acq: 19 Jul 2018 00:45

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.3	123.5	163.5
77	95.9	85.7	125.7





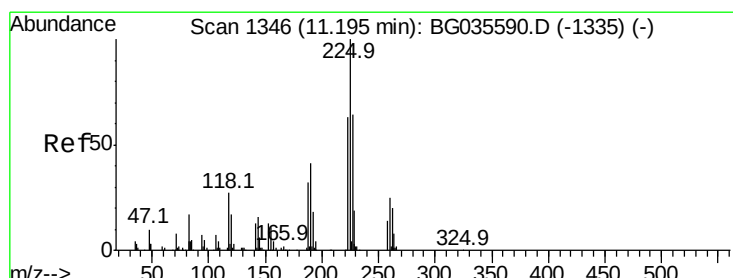
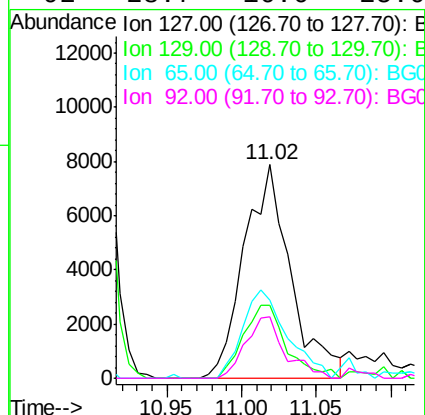
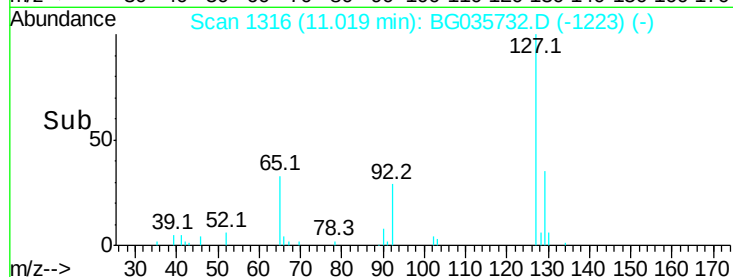
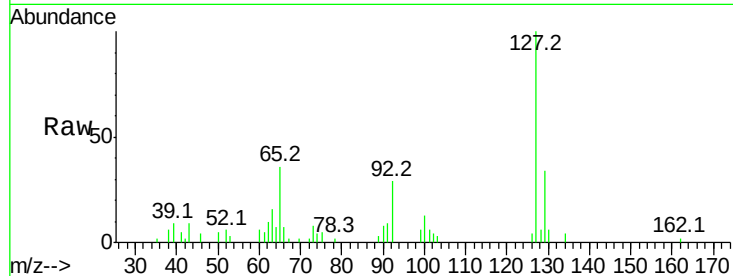
#33
4-Chloroaniline
Concen: 3.947 ng
RT: 11.02 min Scan# 1316
Delta R.T. 0.02 min
Lab File: BG035732.D
Acq: 19 Jul 2018 00:45

Instrument :
BNA_G
ClientSampleId :
OK-01-071618MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.9	24.0	36.0
65	36.4	27.0	40.4
92	28.7	16.6	25.0

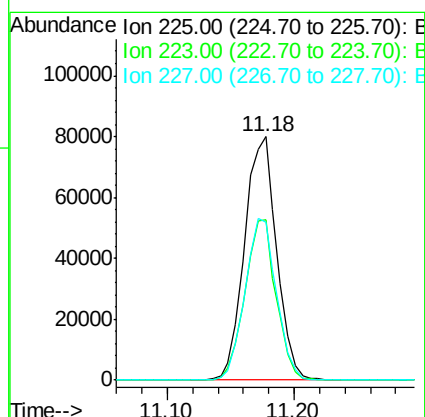
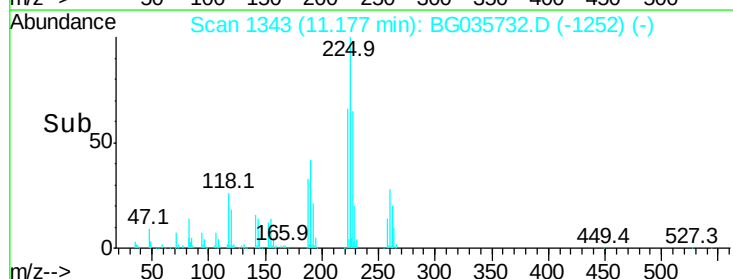
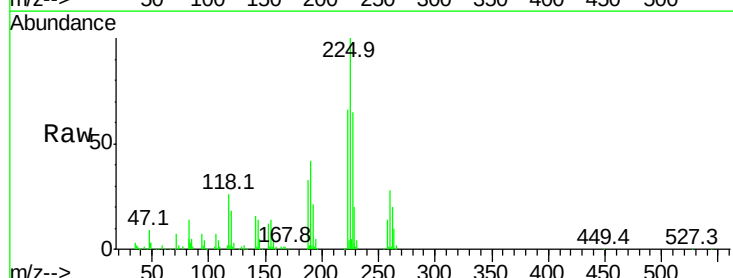
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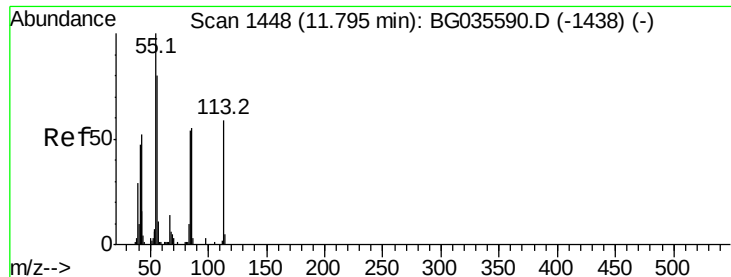
Sohil
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#34
Hexachlorobutadiene
Concen: 46.574 ng
RT: 11.18 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BG035732.D
Acq: 19 Jul 2018 00:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.6	49.7	74.5
227	64.6	48.1	72.1





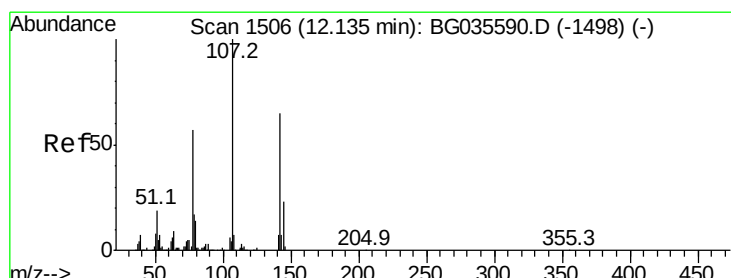
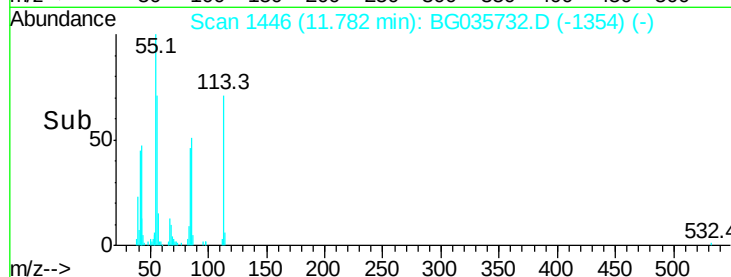
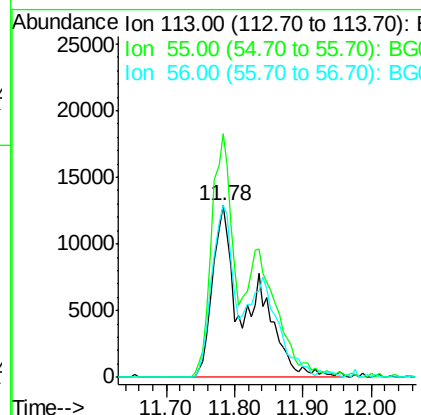
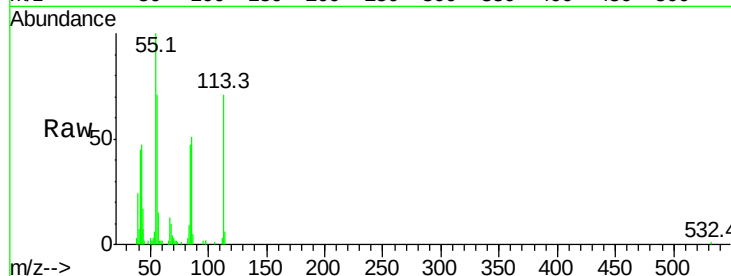
#35
 Caprolactam
 Concen: 33.991 ng/ml
 RT: 11.78 min Scan# 1446
 Delta R.T. 0.01 min
 Lab File: BG035732.D
 Acq: 19 Jul 2018 00:45

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-071618MSD

Tot Ion:113 Resp: 45878
 Ion Ratio Lower Upper
 113 100
 55 141.7 186.9 226.9#
 56 100.2 130.9 170.9#

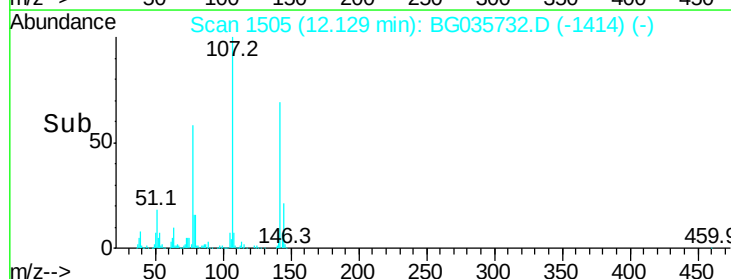
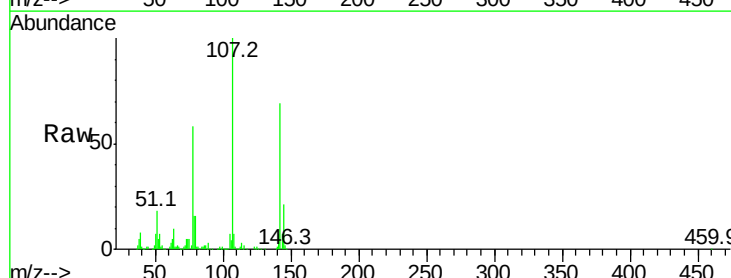
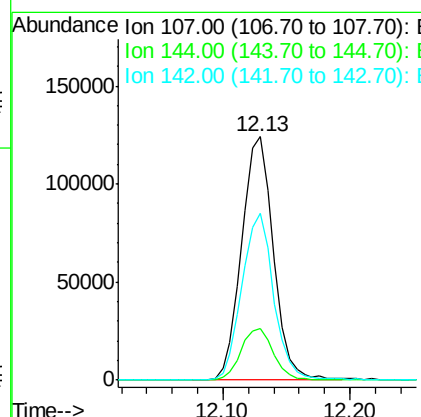
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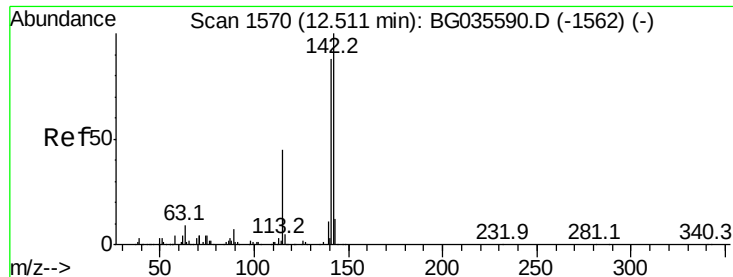
Sohil
 7/19/2018 3:45:22 PM



#36
 4-Chloro-3-methylphenol
 Concen: 51.254 ng
 RT: 12.13 min Scan# 1505
 Delta R.T. 0.01 min
 Lab File: BG035732.D
 Acq: 19 Jul 2018 00:45

Tgt Ion:107 Resp: 216080
 Ion Ratio Lower Upper
 107 100
 144 21.3 18.2 27.4
 142 68.6 59.0 88.4





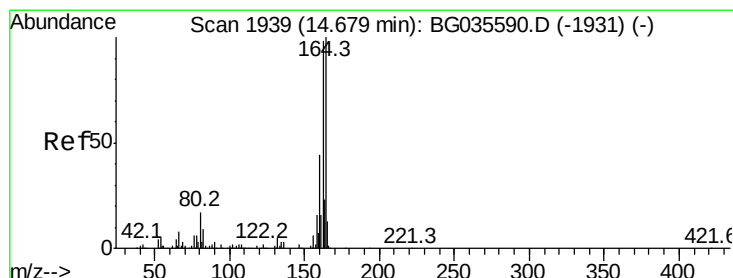
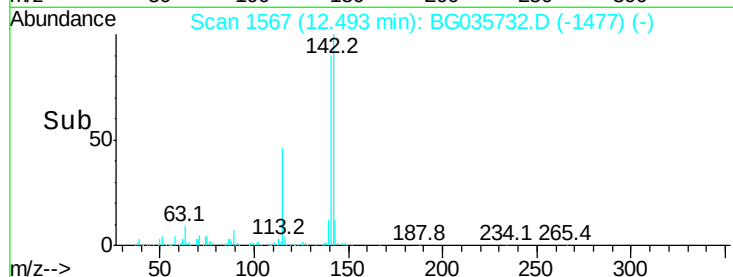
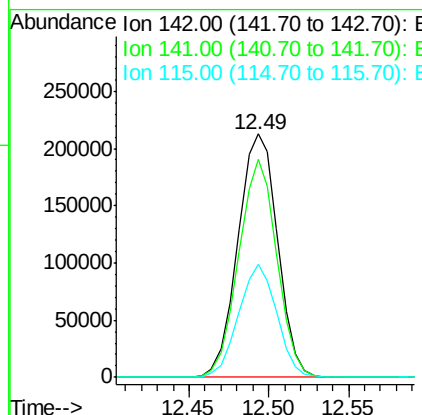
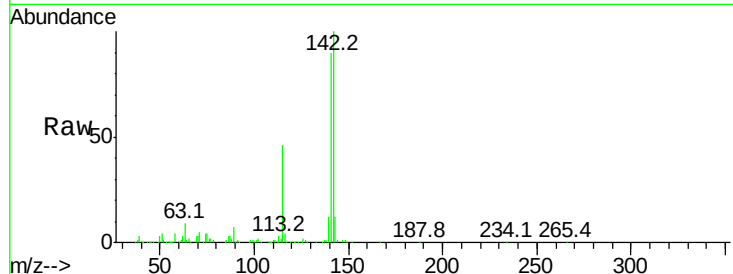
#37
2-Methylnaphthalene
Concen: 50.052 ng m
RT: 12.49 min Scan# 1567
Delta R.T. -0.00 min
Lab File: BG035732.D
Acq: 19 Jul 2018 00:45

Instrument :
BNA_G
ClientSampleId :
OK-01-071618MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	67.1	100.7
115	46.4	30.7	46.1#

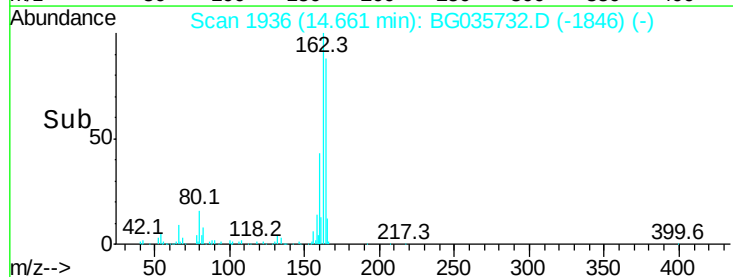
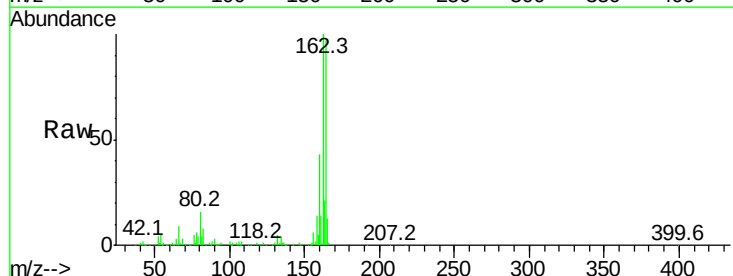
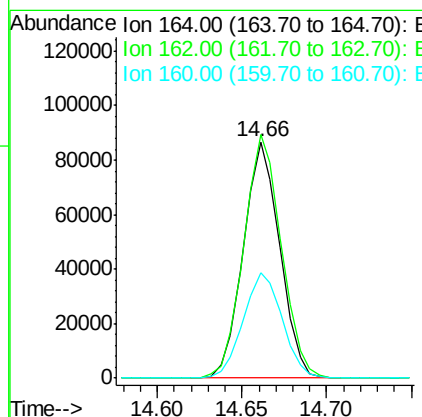
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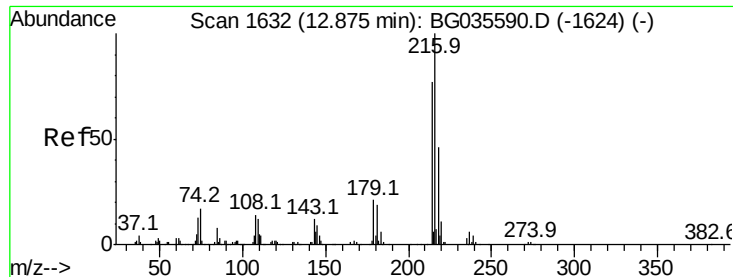
Sohil
7/19/2018 3:45:22 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.00 min
Lab File: BG035732.D
Acq: 19 Jul 2018 00:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	78.8	118.2
160	44.7	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 50.339 ng

RT: 12.86 min Scan# 1630

Delta R.T. 0.01 min

Lab File: BG035732.D

Acq: 19 Jul 2018 00:45

Instrument :

BNA_G

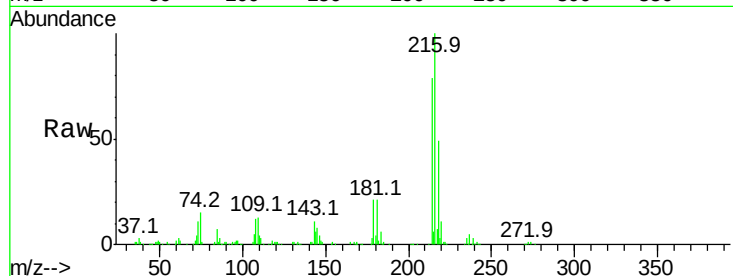
ClientSampleId :

OK-01-071618MSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.8	63.0	94.4
179	20.5	17.0	25.6
108	16.3	12.8	19.2

Manual Integrations
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7/19/2018 3:45:22 PM

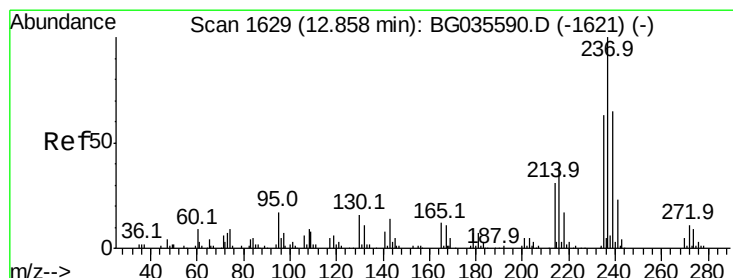
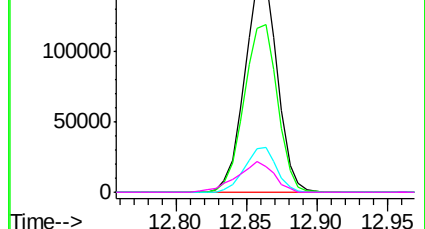
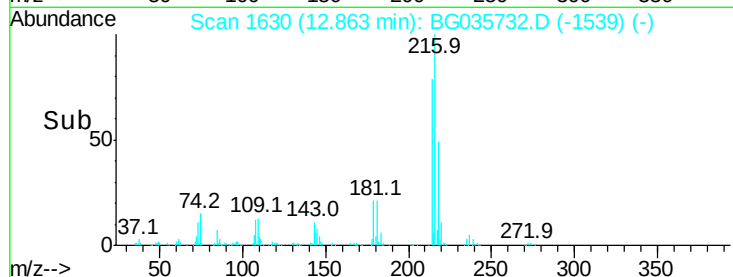


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 114.532 ng

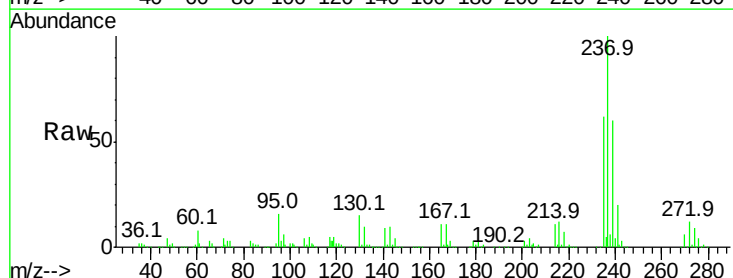
RT: 12.84 min Scan# 1626

Delta R.T. -0.00 min

Lab File: BG035732.D

Acq: 19 Jul 2018 00:45

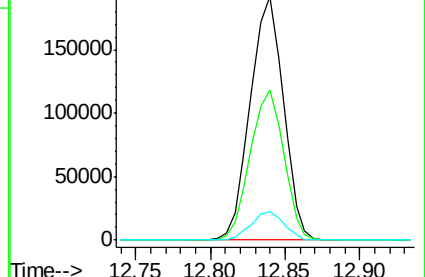
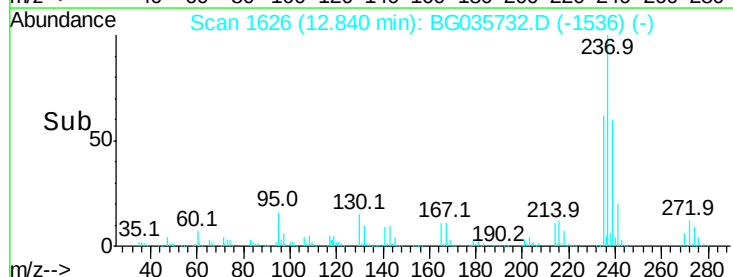
Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	61.8	50.4	90.4
272	11.8	0.0	31.8

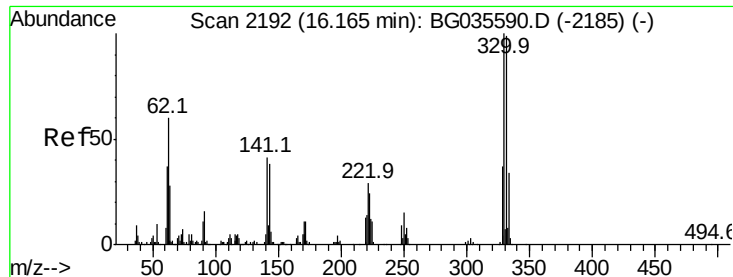


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 157.916 ng

RT: 16.15 min Scan# 2190

Delta R.T. -0.00 min

Lab File: BG035732.D

Acq: 19 Jul 2018 00:45

Instrument :

BNA_G

ClientSampleId :

OK-01-071618MSD

Tot Ion:330 Resp: 270245

Ion Ratio Lower Upper

330 100

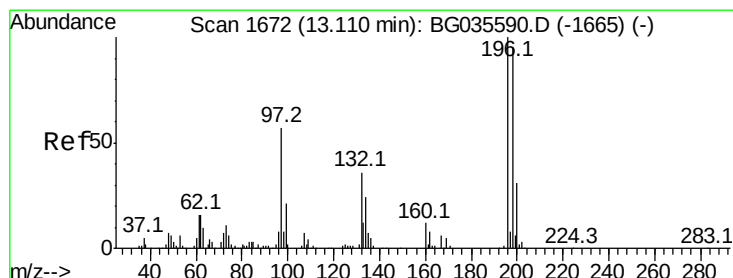
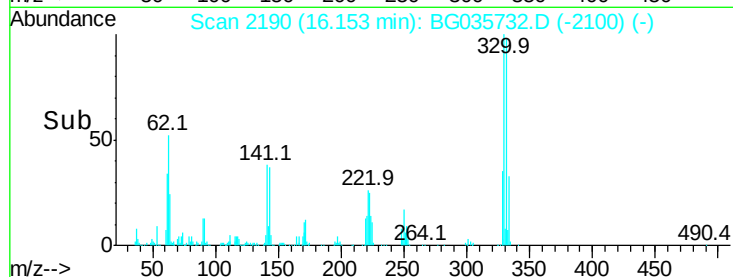
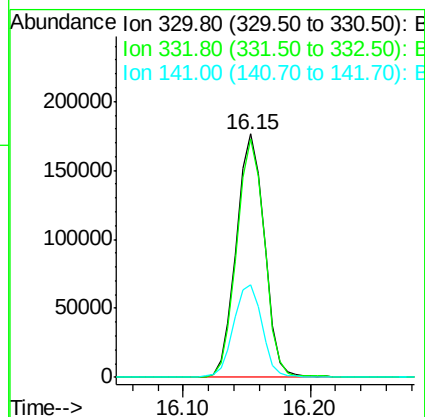
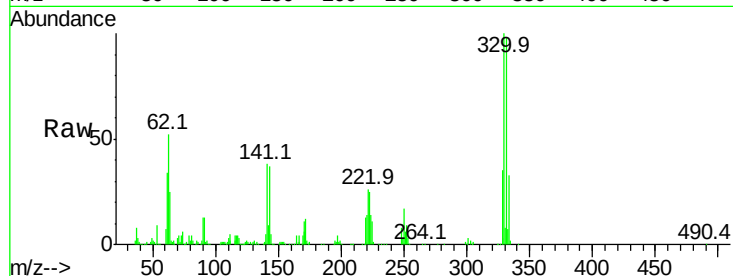
332 97.1 77.0 115.6

141 38.6 25.2 37.8#

Manual Integrations
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Sohil

7/19/2018 3:45:22 PM



#42

2,4,6-Trichlorophenol

Concen: 57.121 ng

RT: 13.10 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BG035732.D

Acq: 19 Jul 2018 00:45

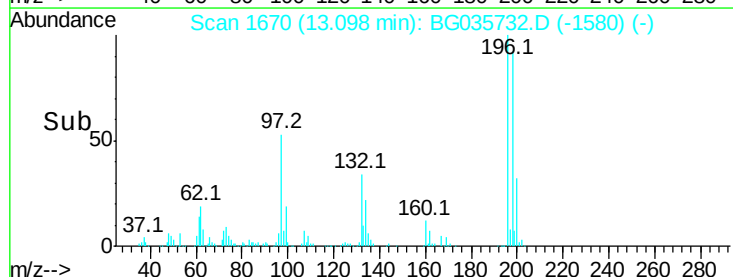
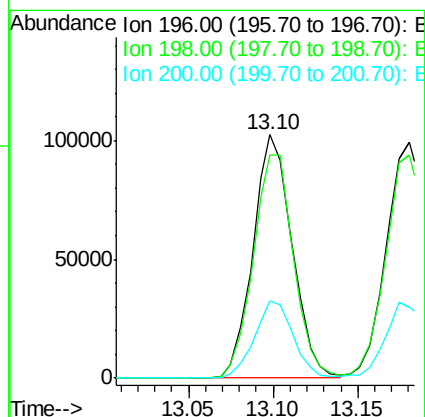
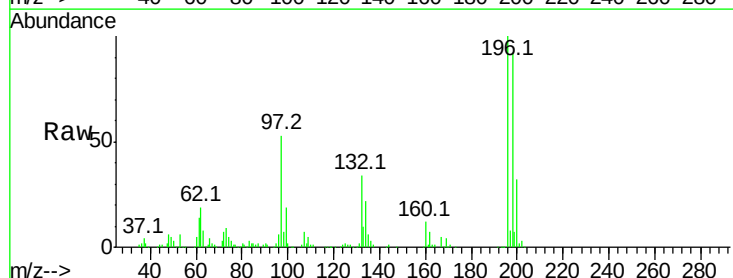
Tgt Ion:196 Resp: 163699

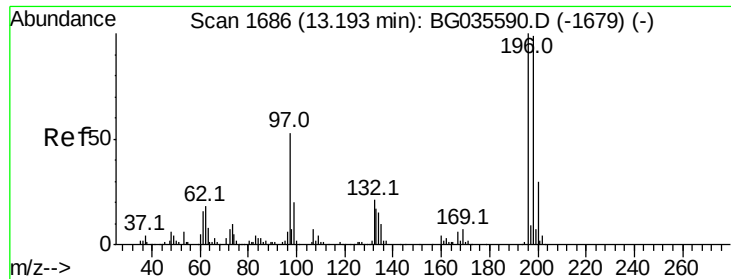
Ion Ratio Lower Upper

196 100

198 91.6 78.2 117.2

200 31.6 24.6 36.8





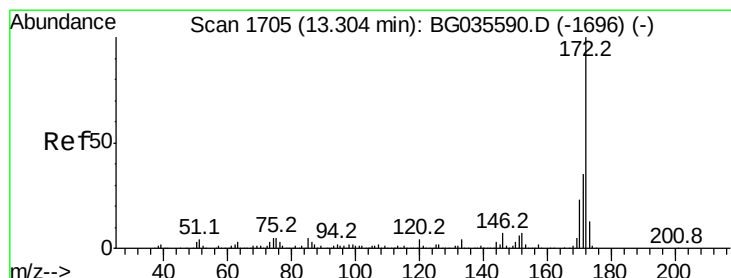
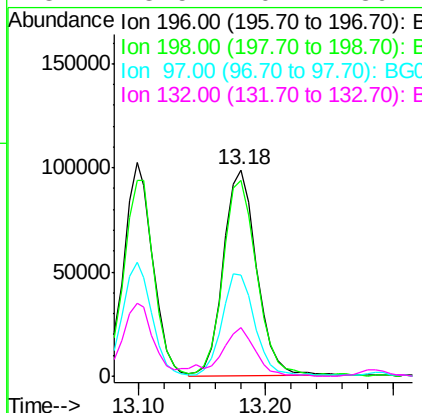
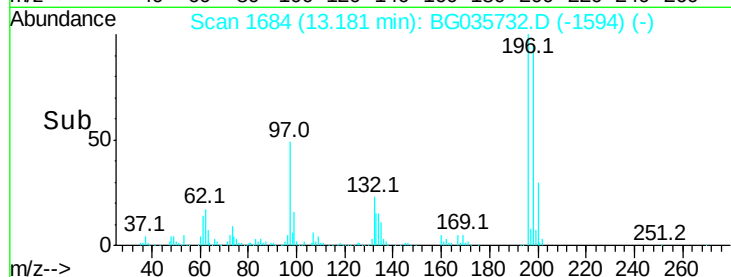
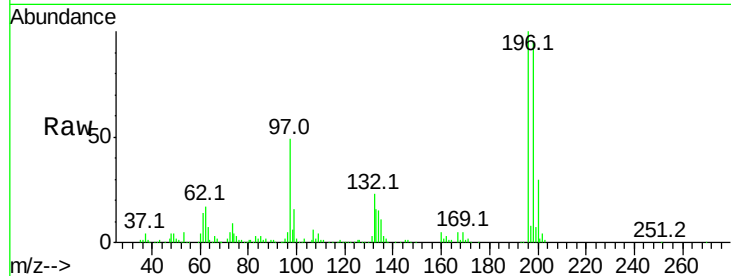
#43
2,4,5-Trichlorophenol
Concen: 55.880 ng
RT: 13.18 min Scan# 1684
Delta R.T. -0.00 min
Lab File: BG035732.D
Acq: 19 Jul 2018 00:45

Instrument :
BNA_G
ClientSampleId :
OK-01-071618MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		179148		
198	94.7	76.2	114.4		
97	48.9	38.7	58.1		
132	23.5	20.2	30.2		

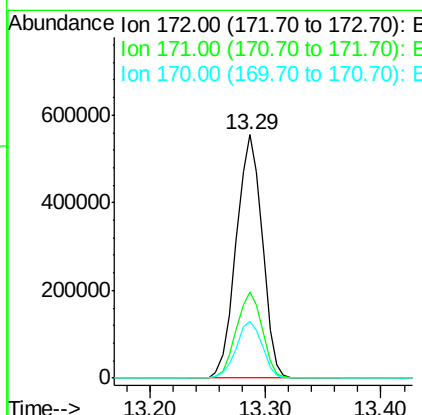
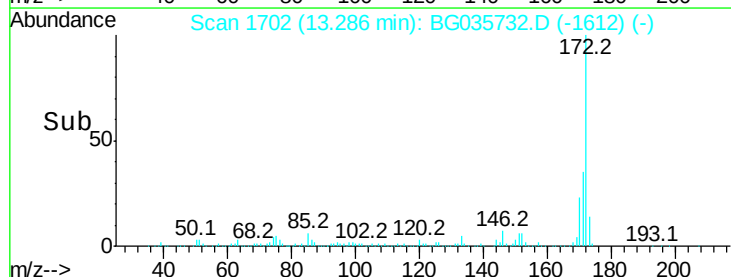
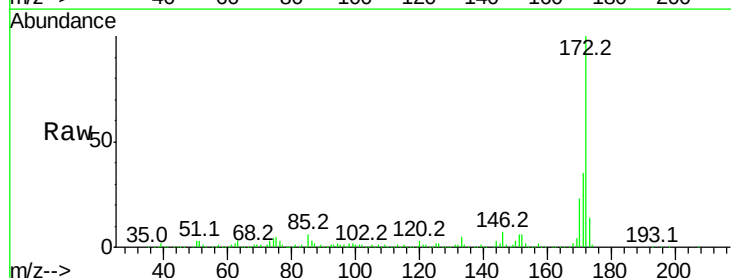
Manual Integrations
APPROVED

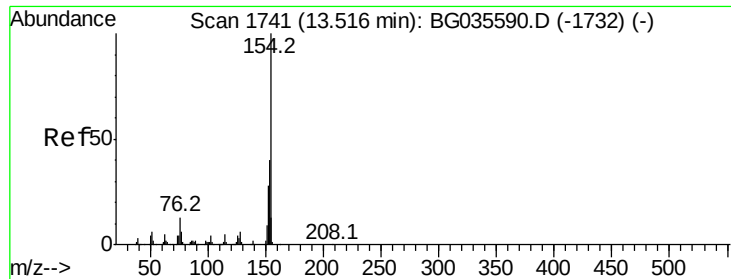
Sohil
7/19/2018 3:45:22 PM



#44
2-Fluorobiphenyl
Concen: 89.116 ng
RT: 13.29 min Scan# 1702
Delta R.T. -0.00 min
Lab File: BG035732.D
Acq: 19 Jul 2018 00:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		863638		
171	35.1	30.0	45.0		
170	23.1	19.5	29.3		





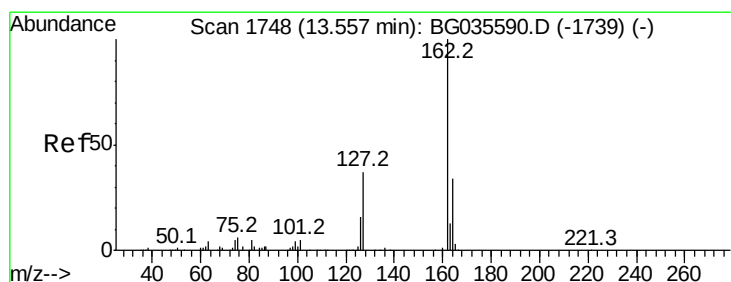
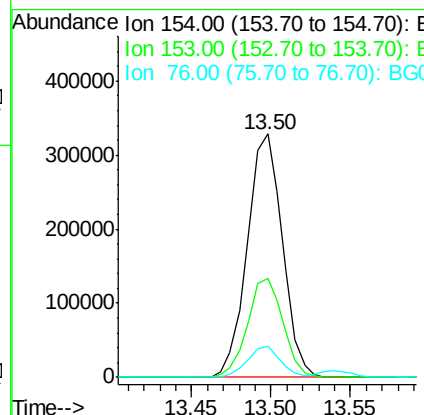
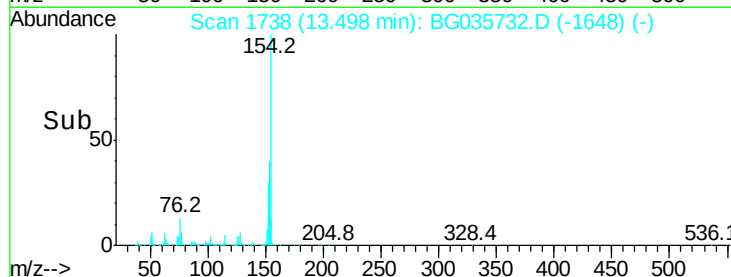
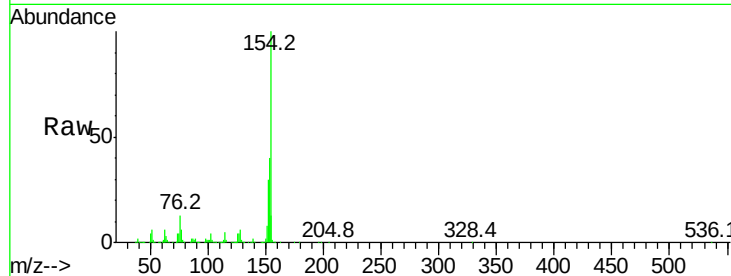
#45
1,1'-Biphenyl
Concen: 50.127 ng
RT: 13.50 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG035732.D
Acq: 19 Jul 2018 00:45

Instrument :
BNA_G
ClientSampleId :
OK-01-071618MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.5	19.8	59.8
76	13.0	0.0	31.9

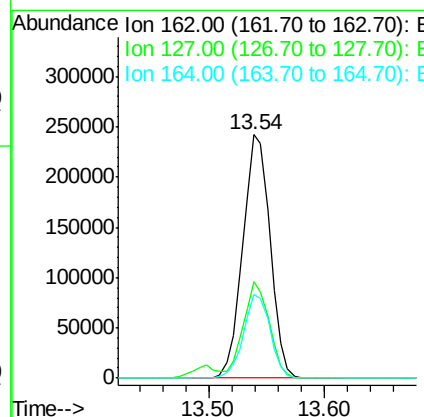
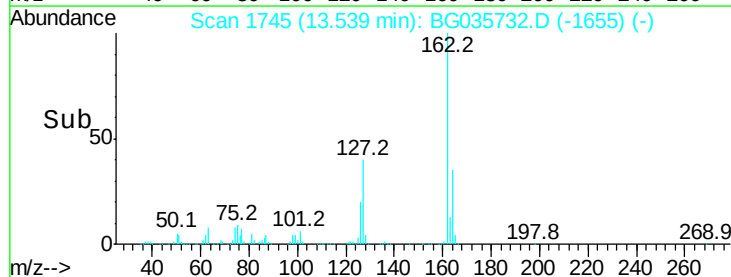
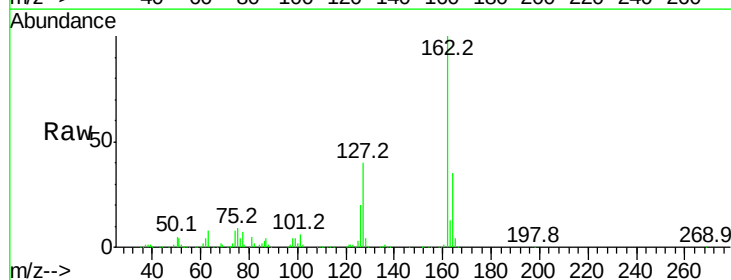
Manual Integrations
APPROVED

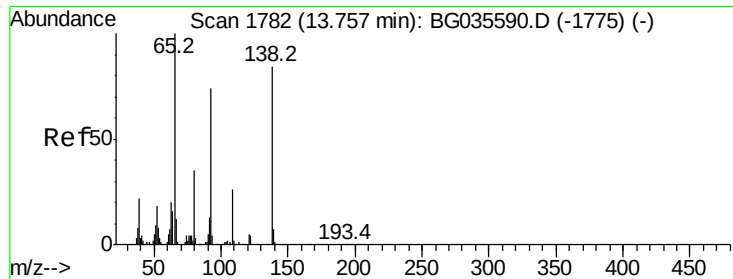
Sohil
7/19/2018 3:45:22 PM



#46
2-Chloronaphthalene
Concen: 50.655 ng
RT: 13.54 min Scan# 1745
Delta R.T. -0.00 min
Lab File: BG035732.D
Acq: 19 Jul 2018 00:45

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.8	30.7	46.1
164	34.5	26.0	39.0





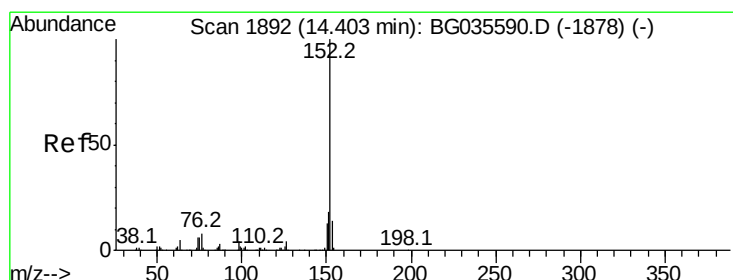
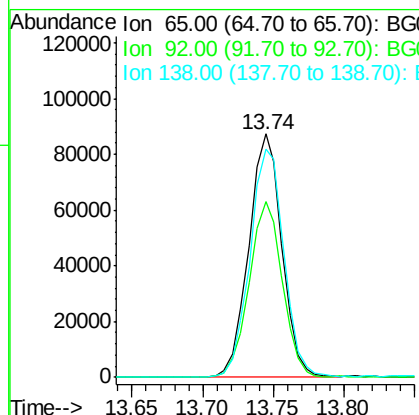
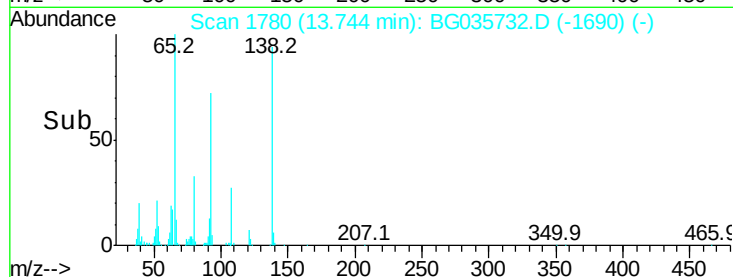
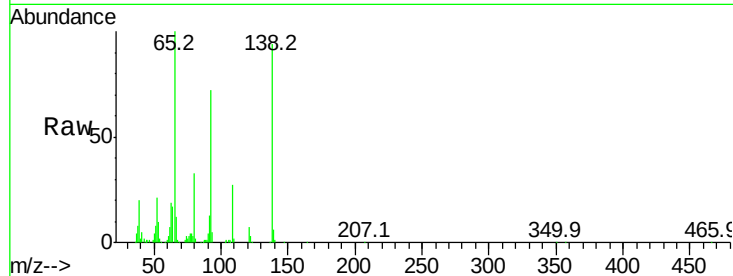
#47
2-Nitroaniline
Concen: 51.833 ng
RT: 13.74 min Scan# 1780
Delta R.T. -0.00 min
Lab File: BG035732.D
Acq: 19 Jul 2018 00:45

Instrument :
BNA_G
ClientSampleId :
OK-01-071618MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	72.3	54.6	82.0
138	93.9	72.9	109.3

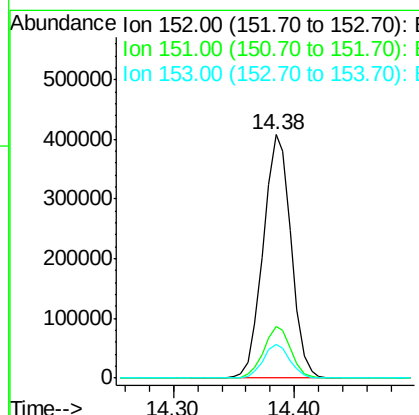
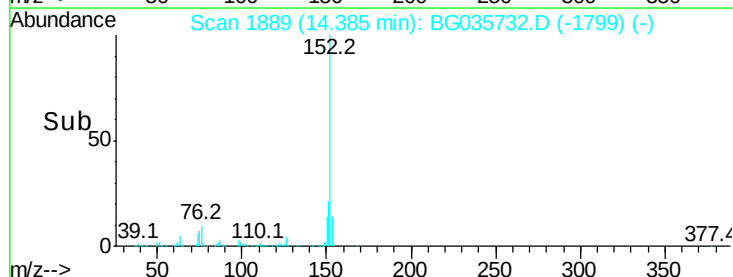
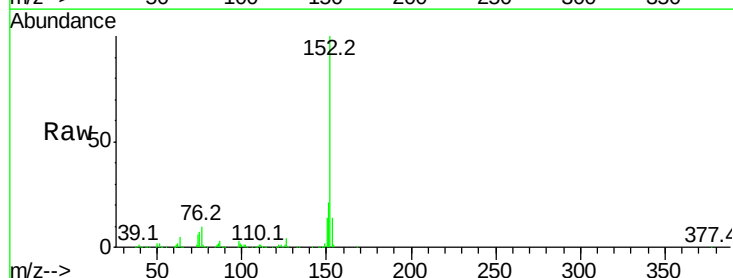
Manual Integrations
APPROVED

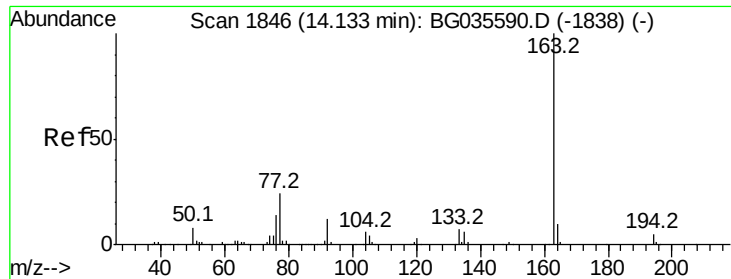
Sohil
7/19/2018 3:45:22 PM



#48
Acenaphthylene
Concen: 49.906 ng
RT: 14.38 min Scan# 1889
Delta R.T. -0.00 min
Lab File: BG035732.D
Acq: 19 Jul 2018 00:45

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.4	17.2	25.8
153	13.8	10.2	15.4





#49

Dimethylphthalate

Concen: 49.176 ng

RT: 14.12 min Scan# 1844

Delta R.T. 0.01 min

Lab File: BG035732.D

Acq: 19 Jul 2018 00:45

Instrument :

BNA_G

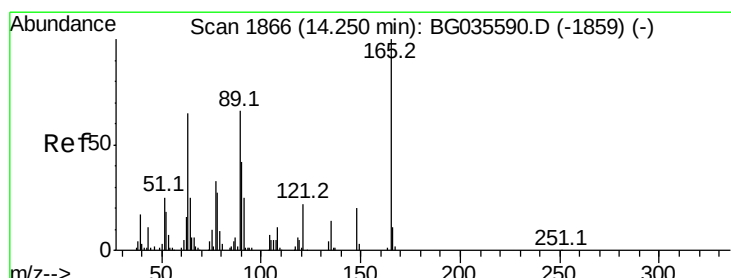
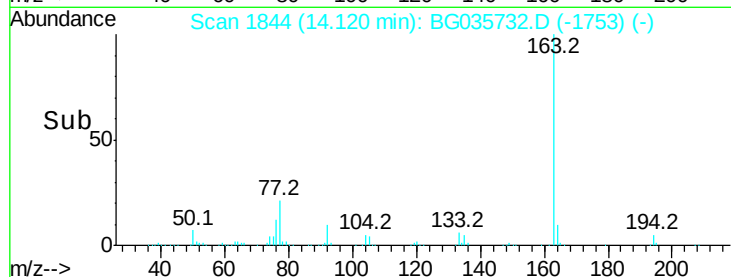
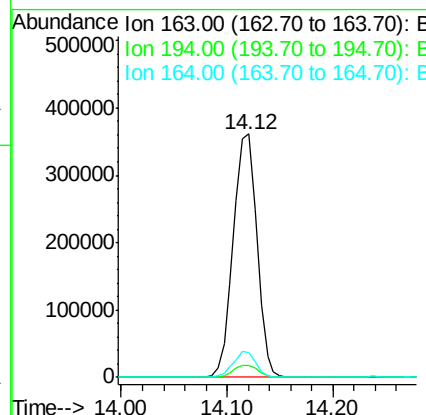
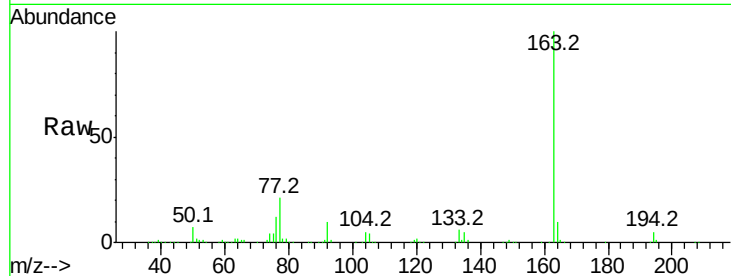
ClientSampleId :

OK-01-071618MSD

Tot Ion:	163	Resp:	559401
Ion Ratio	Lower	Upper	
163	100		
194	5.1	3.4	5.2
164	10.2	8.2	12.4

Manual Integrations
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#50

2,6-Dinitrotoluene

Concen: 55.612 ng

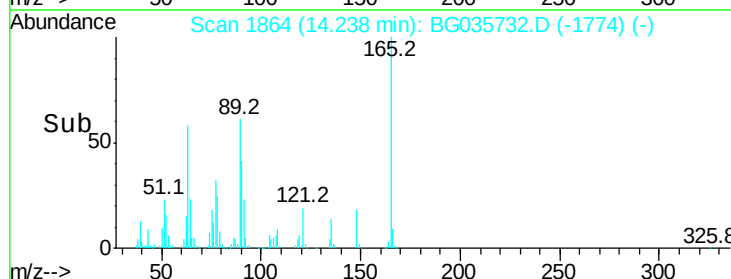
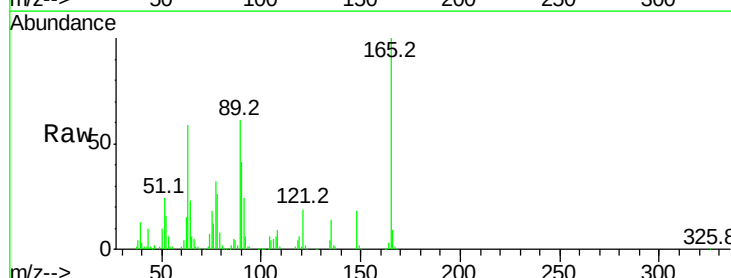
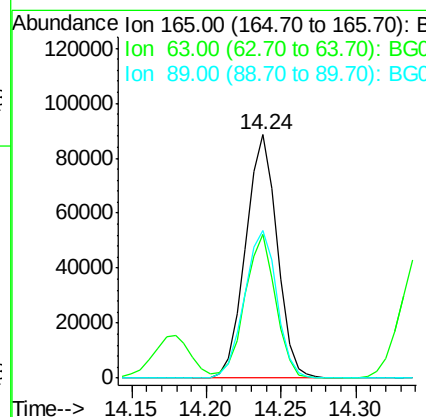
RT: 14.24 min Scan# 1864

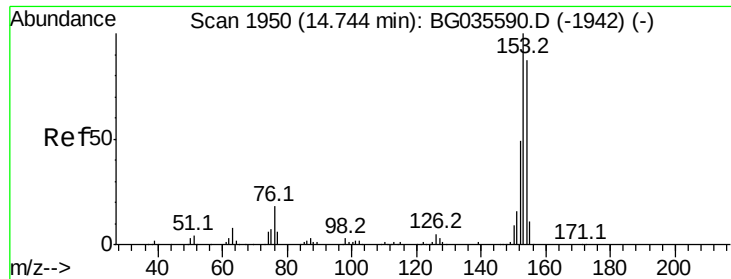
Delta R.T. -0.00 min

Lab File: BG035732.D

Acq: 19 Jul 2018 00:45

Tgt Ion:	165	Resp:	128824
Ion Ratio	Lower	Upper	
165	100		
63	59.0	52.7	79.1
89	60.8	49.2	73.8





#51

Acenaphthene

Concen: 47.508 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.00 min

Lab File: BG035732.D

Acq: 19 Jul 2018 00:45

Instrument :

BNA_G

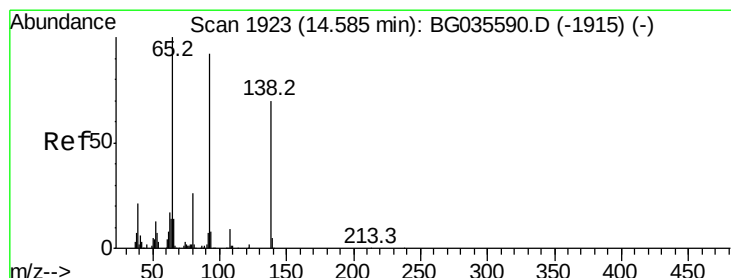
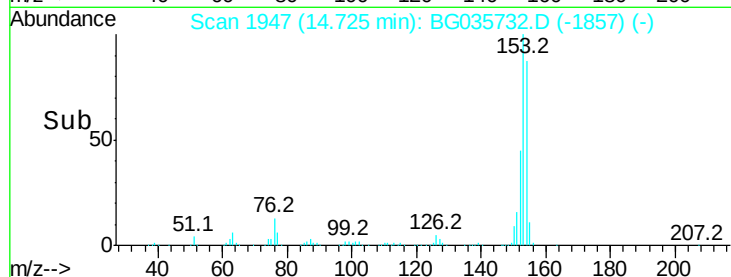
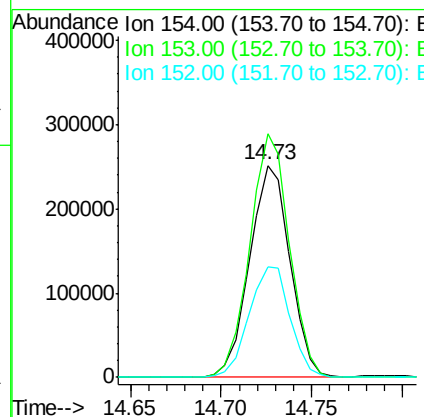
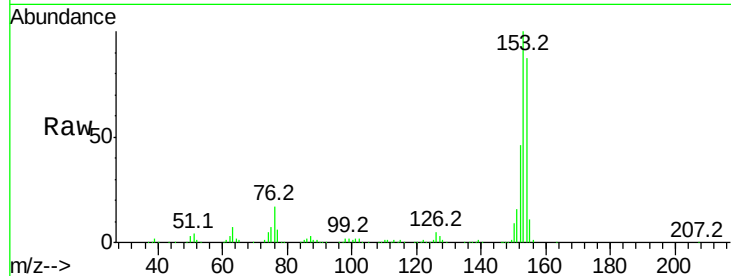
ClientSampleId :

OK-01-071618MSD

Tot Ion:	154	Resp:	388155
Ion Ratio	Lower	Upper	
154	100		
153	114.8	90.4	135.6
152	52.4	41.6	62.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 14.344 ng

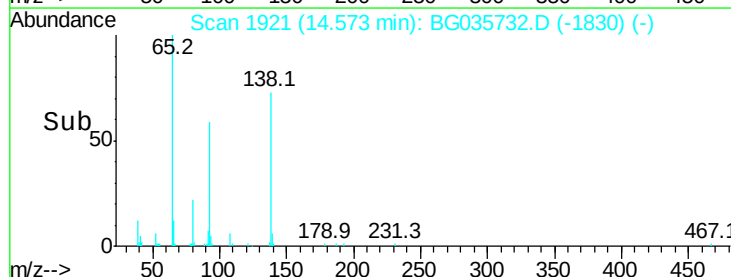
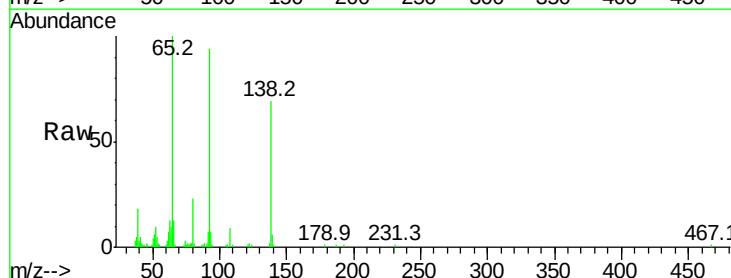
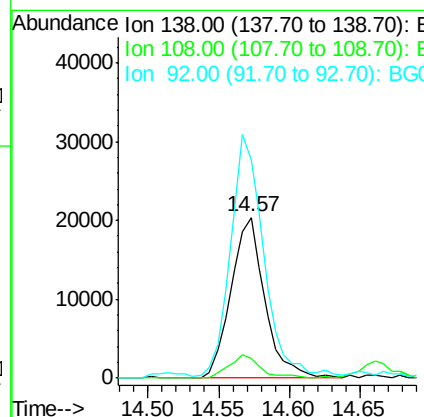
RT: 14.57 min Scan# 1921

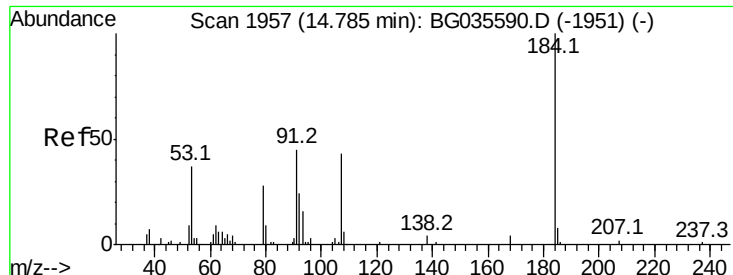
Delta R.T. 0.01 min

Lab File: BG035732.D

Acq: 19 Jul 2018 00:45

Tgt Ion:	138	Resp:	33961
Ion Ratio	Lower	Upper	
138	100		
108	12.5	17.5	26.3#
92	135.4	105.8	158.8





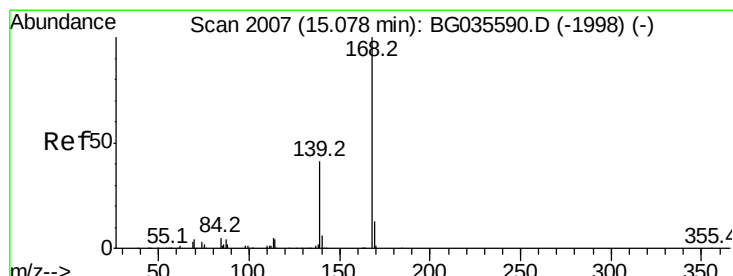
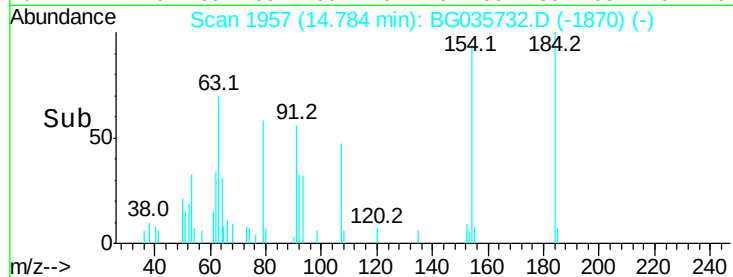
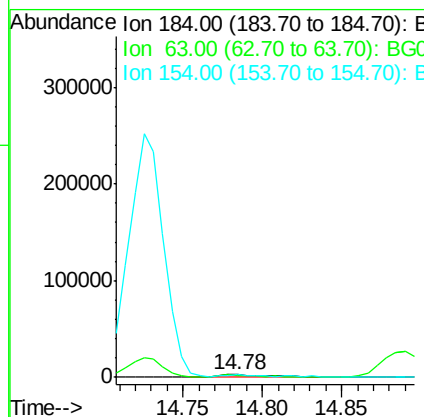
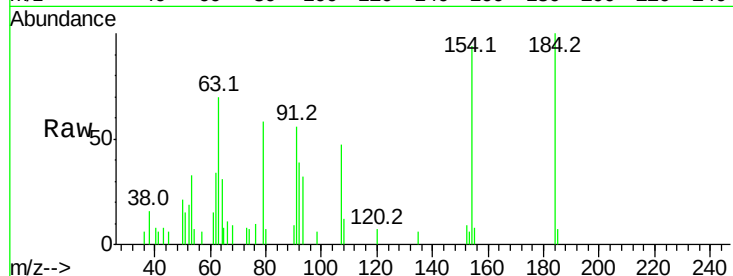
#53
 2,4-Dinitrophenol
 Concen: 12.665 ng
 RT: 14.78 min Scan# 1957
 Delta R.T. -0.02 min
 Lab File: BG035732.D
 Acq: 19 Jul 2018 00:45

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-071618MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	69.6	59.8	89.8
154	93.6	101.8	152.8

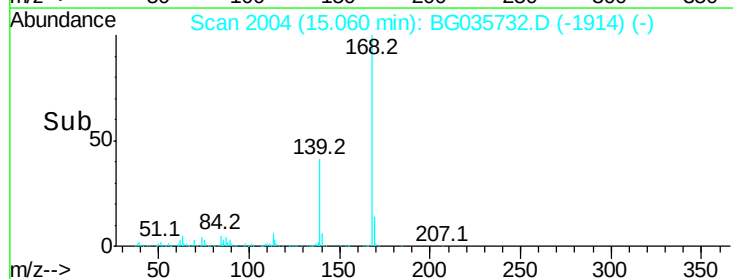
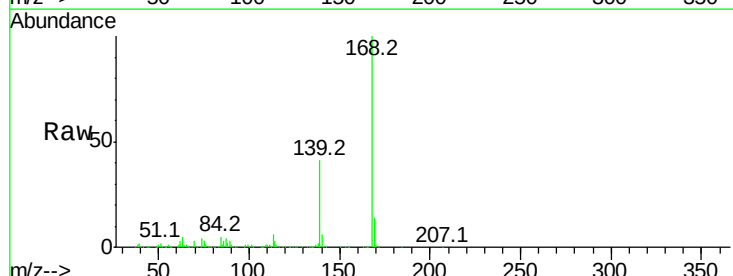
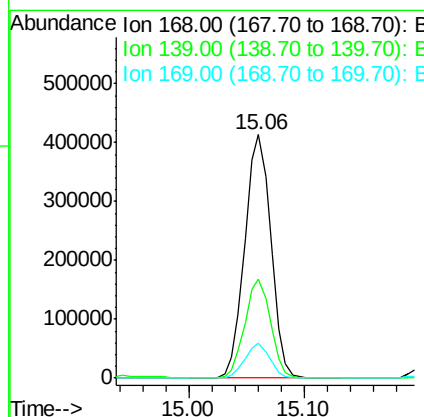
Manual Integrations
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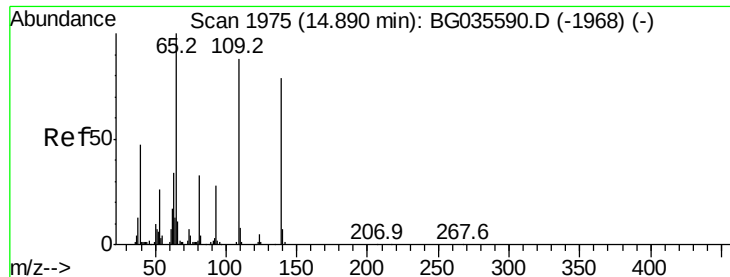
Sohil
 7/19/2018 3:45:22 PM



#54
 Dibenzofuran
 Concen: 49.949 ng
 RT: 15.06 min Scan# 2004
 Delta R.T. -0.00 min
 Lab File: BG035732.D
 Acq: 19 Jul 2018 00:45

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.7	28.6	43.0
169	14.1	11.2	16.8





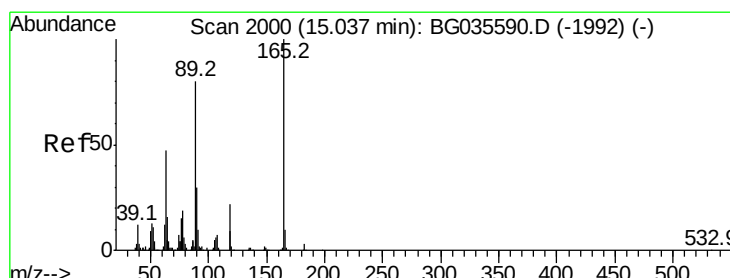
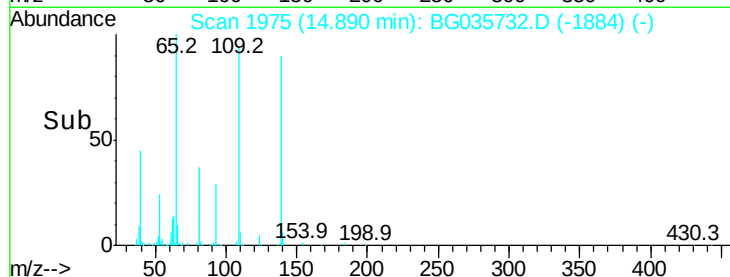
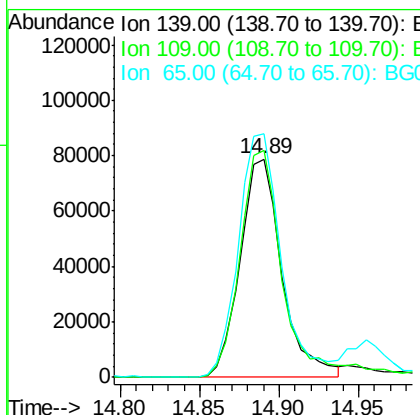
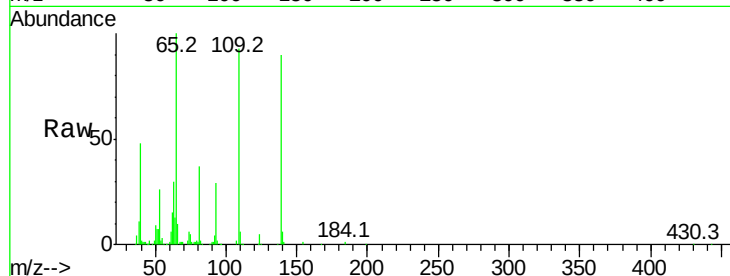
#55
4-Nitrophenol
Concen: 85.580 ng
RT: 14.89 min Scan# 1975
Delta R.T. 0.01 min
Lab File: BG035732.D
Acq: 19 Jul 2018 00:45

Instrument :
BNA_G
ClientSampleId :
OK-01-071618MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	104.1	62.2	102.2#
65	111.5	97.2	137.2

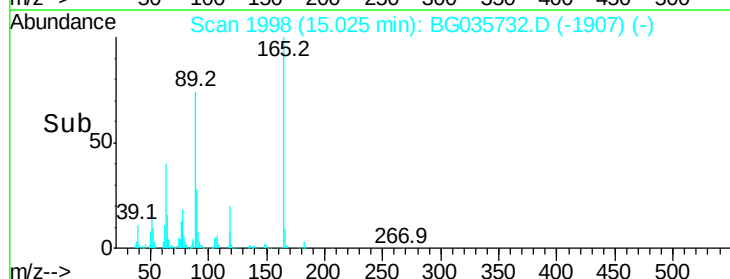
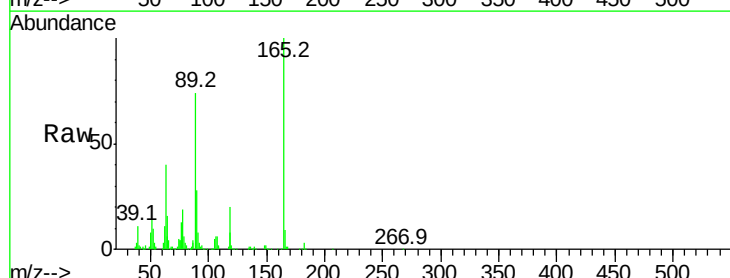
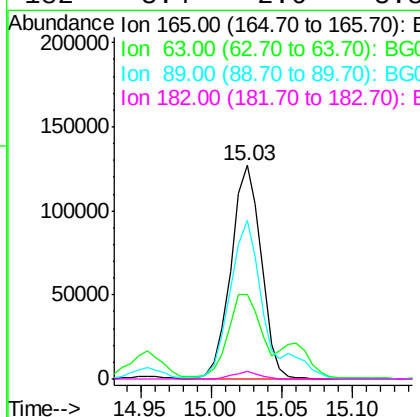
Manual Integrations
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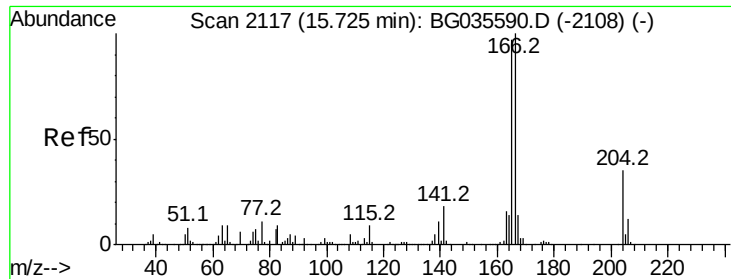
Sohil
7/19/2018 3:45:22 PM



#56
2,4-Dinitrotoluene
Concen: 57.005 ng
RT: 15.03 min Scan# 1998
Delta R.T. 0.01 min
Lab File: BG035732.D
Acq: 19 Jul 2018 00:45

Tgt Ion	Ratio	Lower	Upper
165	100		
63	39.9	42.0	63.0#
89	74.4	66.9	100.3
182	3.4	2.6	3.8





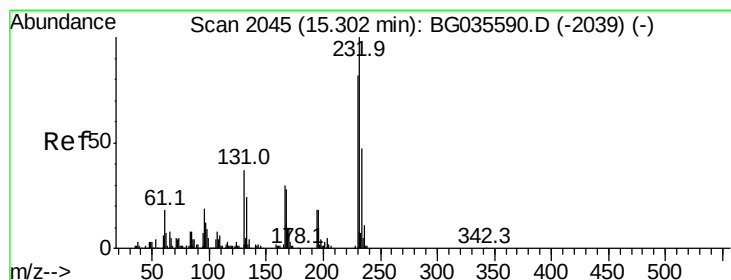
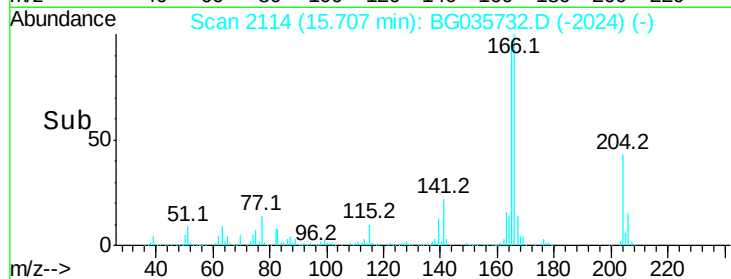
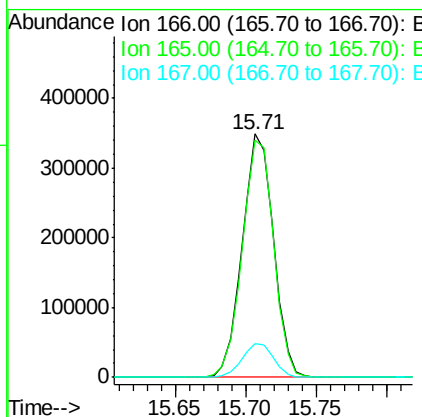
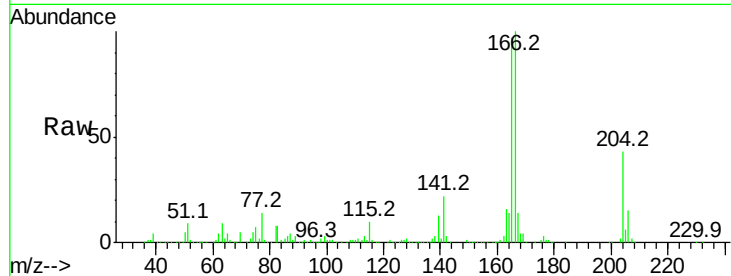
#57
 Fluorene
 Concen: 49.604 ng
 RT: 15.71 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: BG035732.D
 Acq: 19 Jul 2018 00:45

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-071618MSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.3	80.6	121.0
167	14.0	10.4	15.6

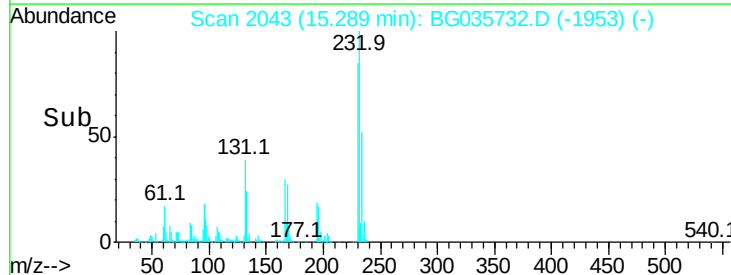
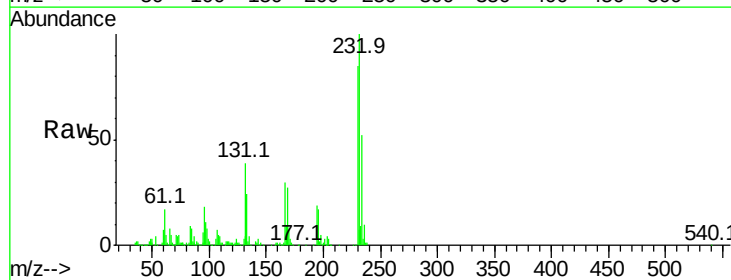
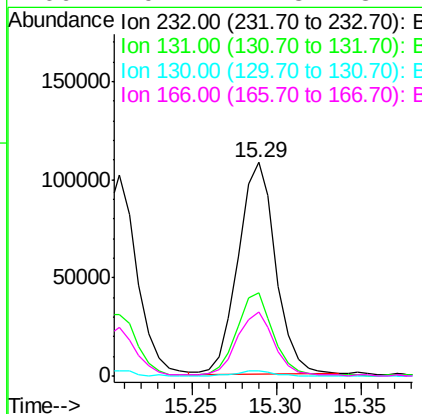
Manual Integrations
 APPROVED

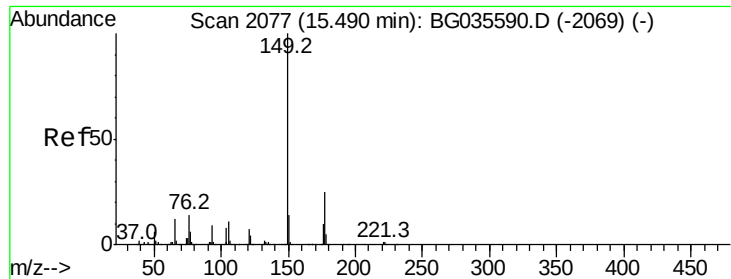
Sohil
 7/19/2018 3:45:22 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 54.487 ng
 RT: 15.29 min Scan# 2043
 Delta R.T. -0.00 min
 Lab File: BG035732.D
 Acq: 19 Jul 2018 00:45

Tgt Ion	Ratio	Lower	Upper
232	100		
131	38.0	33.5	50.3
130	2.3	2.2	3.2
166	29.2	24.8	37.2





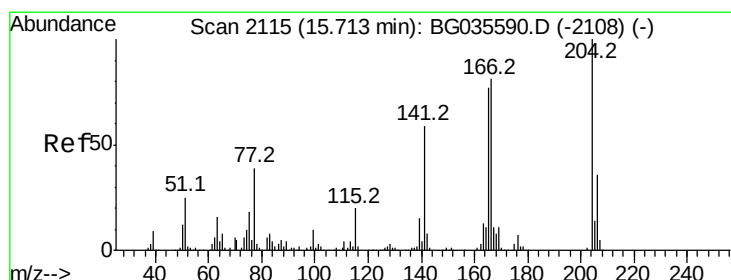
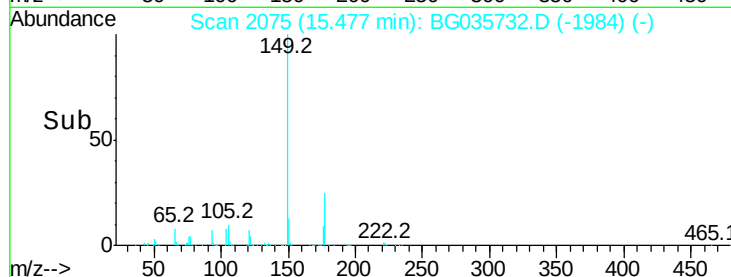
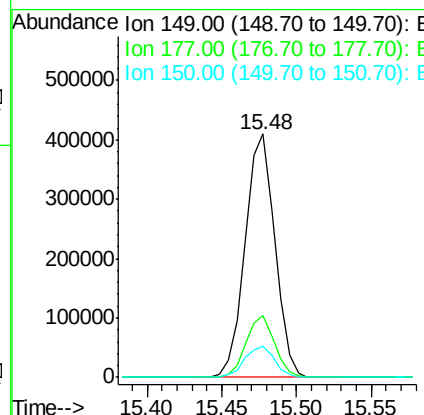
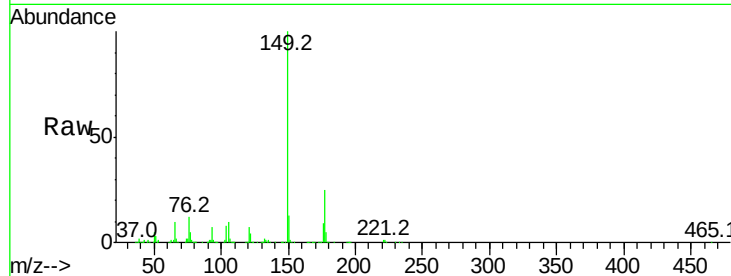
#59
Diethylphthalate
Concen: 48.313 ng
RT: 15.48 min Scan# 2075
Delta R.T. 0.01 min
Lab File: BG035732.D
Acq: 19 Jul 2018 00:45

Instrument :
BNA_G
ClientSampleId :
OK-01-071618MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	25.4	18.5	27.7	
150	12.9	10.2	15.2	

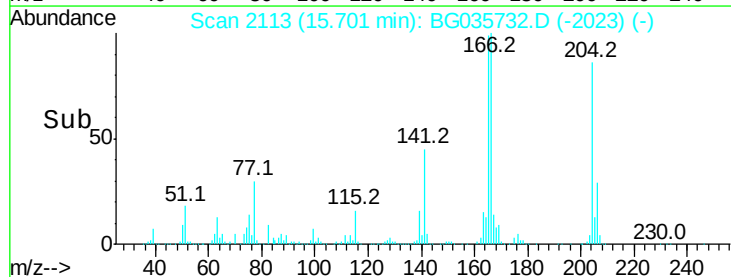
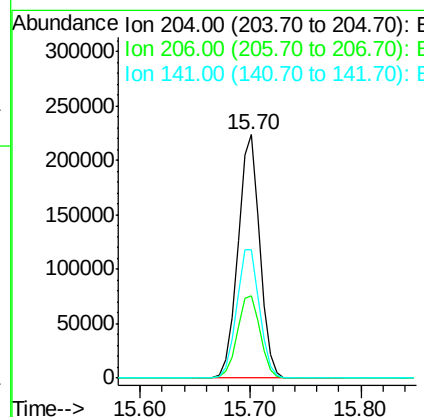
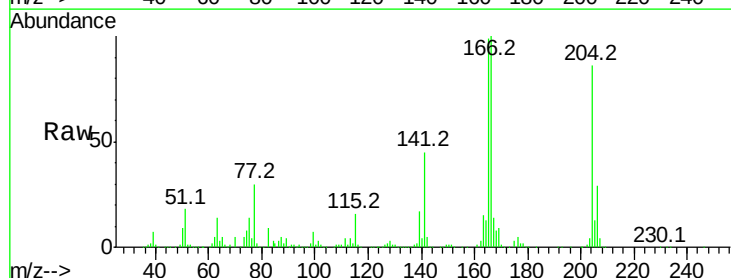
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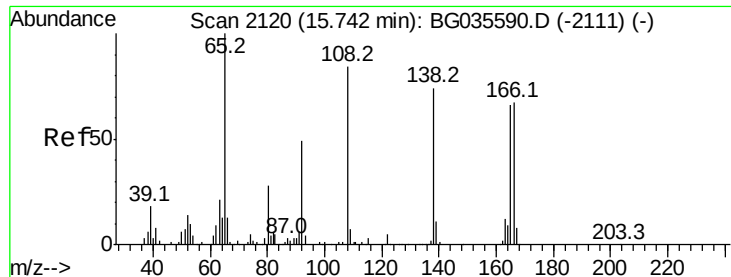
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 48.377 ng
RT: 15.70 min Scan# 2113
Delta R.T. -0.00 min
Lab File: BG035732.D
Acq: 19 Jul 2018 00:45

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	33.8	26.2	39.2	
141	52.8	45.8	68.6	





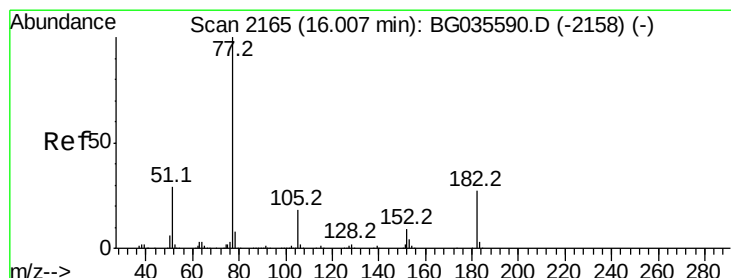
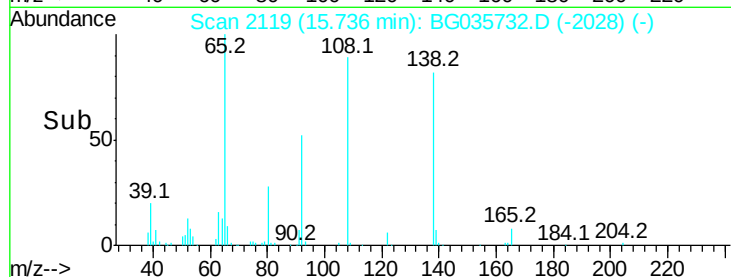
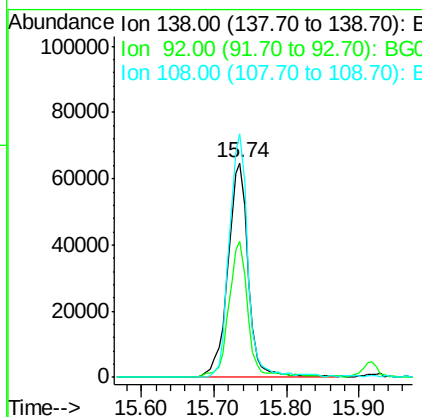
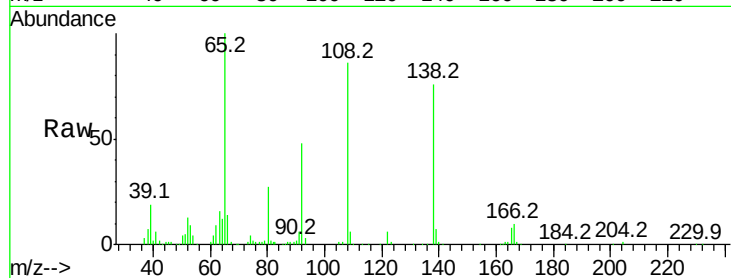
#61
4-Nitroaniline
Concen: 51.152 ng
RT: 15.74 min Scan# 2119
Delta R.T. 0.01 min
Lab File: BG035732.D
Acq: 19 Jul 2018 00:45

Instrument :
BNA_G
ClientSampleId :
OK-01-071618MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	63.7	40.1	80.1
108	113.6	65.4	105.4

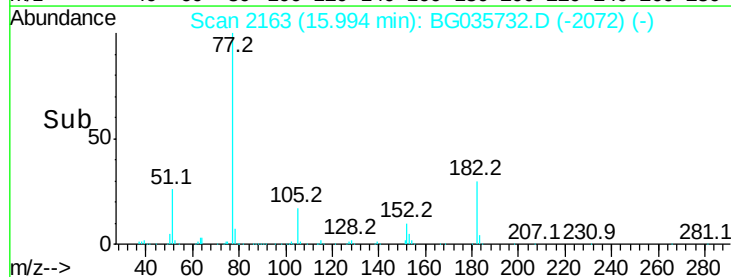
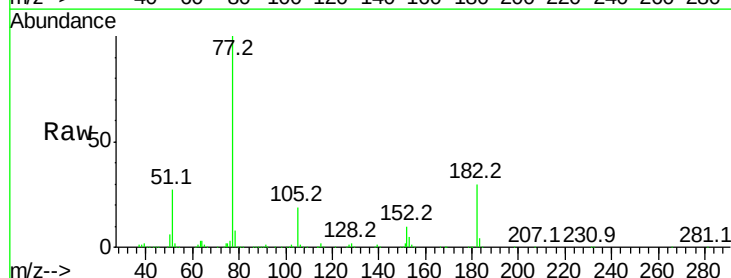
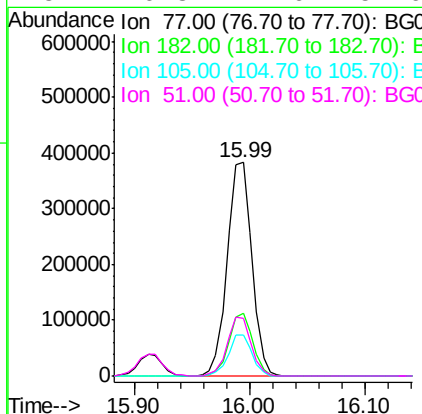
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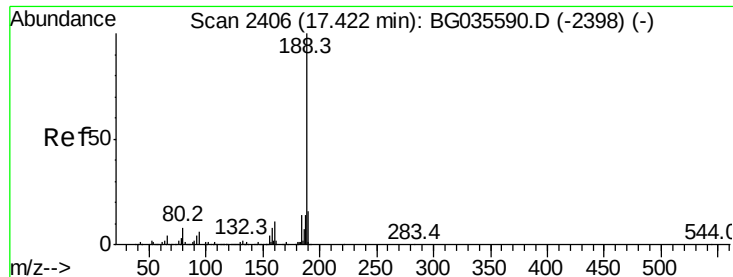
Sohil
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#62
Azobenzene
Concen: 49.107 ng
RT: 15.99 min Scan# 2163
Delta R.T. 0.01 min
Lab File: BG035732.D
Acq: 19 Jul 2018 00:45

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.6	7.4	47.4
105	19.2	0.3	40.3
51	26.8	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2403

Delta R.T. -0.00 min

Lab File: BG035732.D

Acq: 19 Jul 2018 00:45

Instrument :

BNA_G

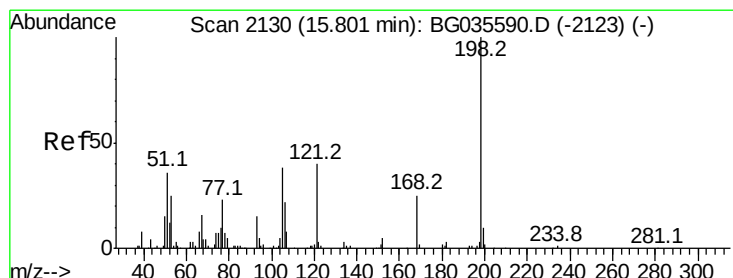
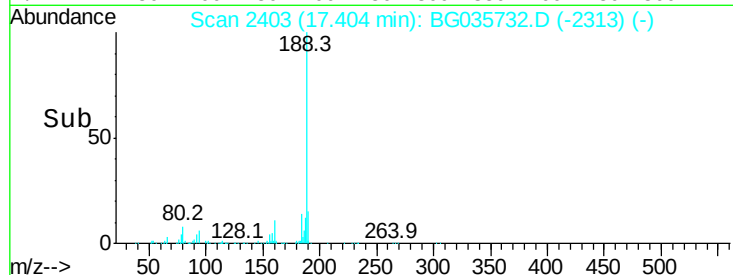
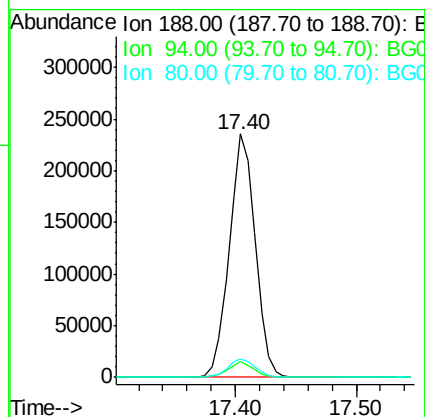
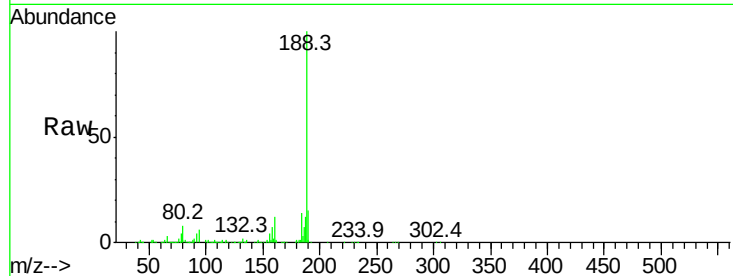
ClientSampleId :

OK-01-071618MSD

Tot Ion:188	Resp:	351356
Ion Ratio	Lower	Upper
188 100		
94 6.5	6.9	10.3#
80 7.7	7.7	11.5

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#64

4,6-Dinitro-2-methylphenol

Concen: 15.635 ng

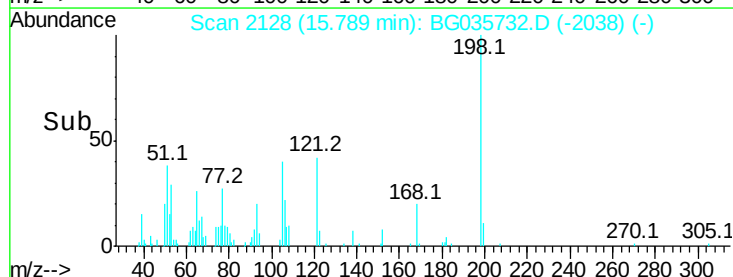
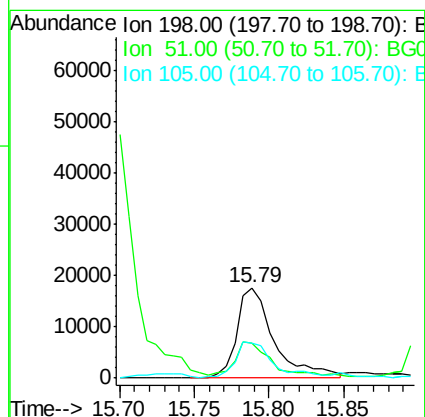
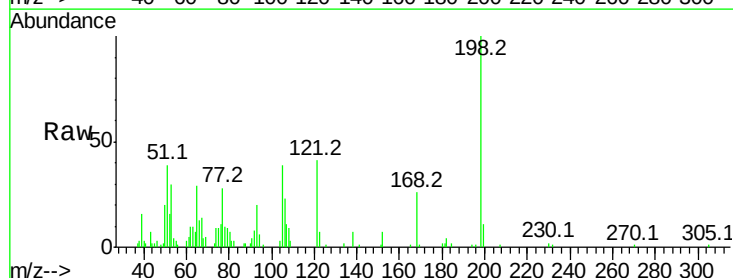
RT: 15.79 min Scan# 2128

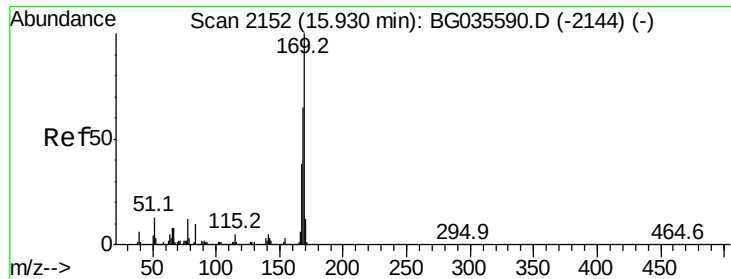
Delta R.T. -0.00 min

Lab File: BG035732.D

Acq: 19 Jul 2018 00:45

Tgt Ion:198	Resp:	30580
Ion Ratio	Lower	Upper
198 100		
51 38.6	30.6	70.6
105 38.9	23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 48.514 ng

RT: 15.92 min Scan# 2150

Delta R.T. 0.01 min

Lab File: BG035732.D

Acq: 19 Jul 2018 00:45

Instrument :

BNA_G

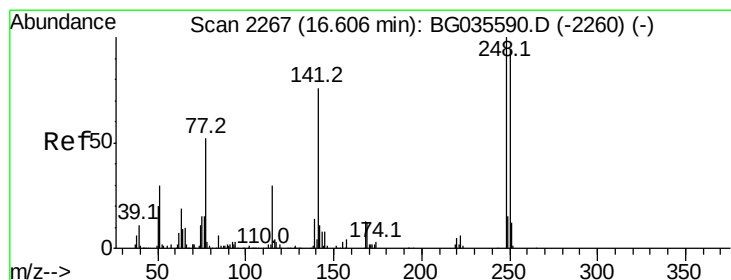
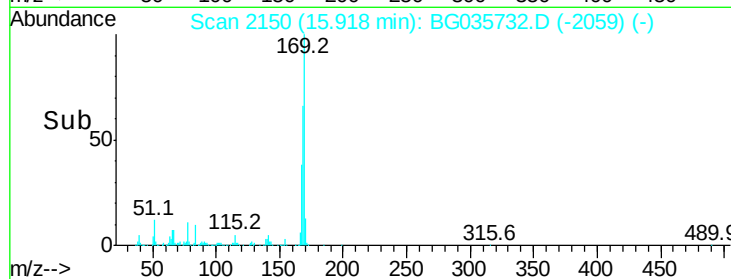
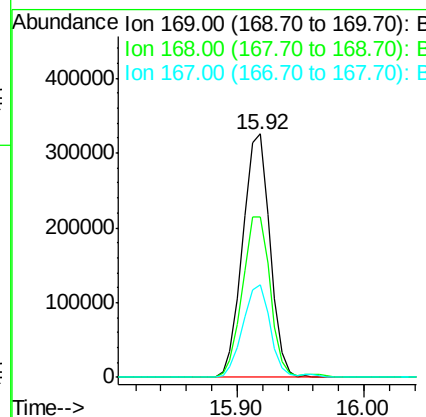
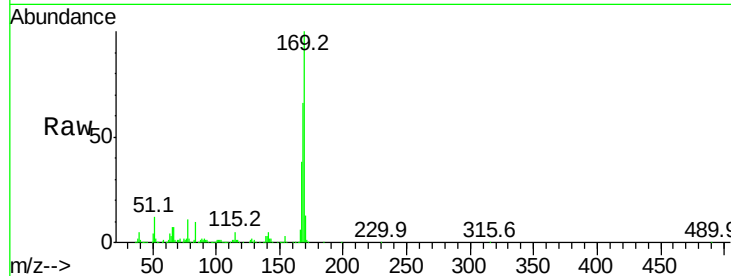
ClientSampleId :

OK-01-071618MSD

Tot Ion:	169	Resp:	485187
Ion Ratio	Lower	Upper	
169	100		
168	66.0	55.7	83.5
167	38.1	30.1	45.1

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#66

4-Bromophenyl-phenylether

Concen: 52.307 ng

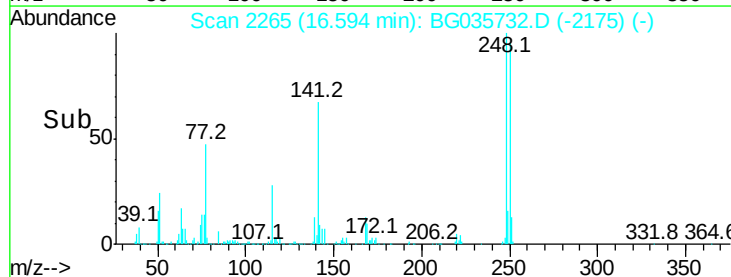
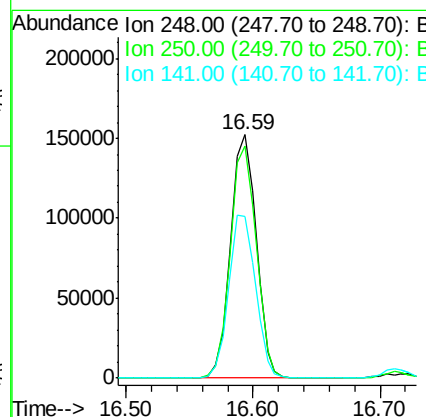
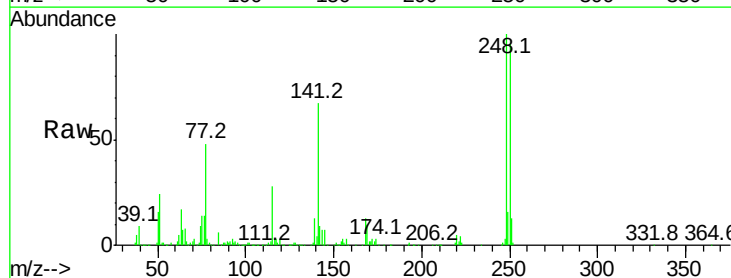
RT: 16.59 min Scan# 2265

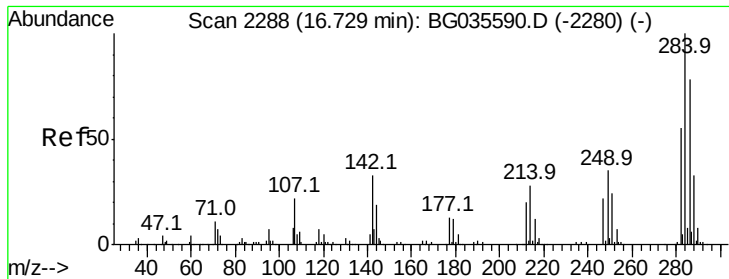
Delta R.T. -0.00 min

Lab File: BG035732.D

Acq: 19 Jul 2018 00:45

Tgt Ion:	248	Resp:	213222
Ion Ratio	Lower	Upper	
248	100		
250	95.3	77.1	115.7
141	66.5	50.8	76.2





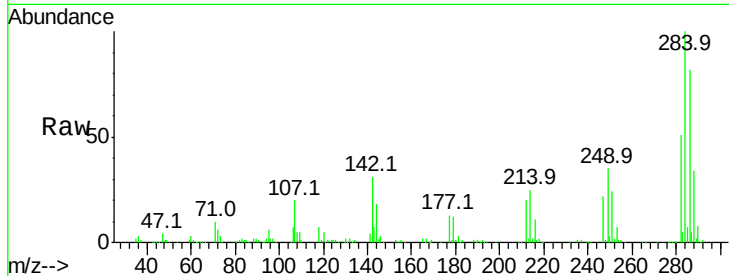
#67
Hexachlorobenzene
Concen: 52.881 ng
RT: 16.71 min Scan# 2285
Delta R.T. -0.00 min
Lab File: BG035732.D
Acq: 19 Jul 2018 00:45

Instrument :
BNA_G
ClientSampleId :
OK-01-071618MSD

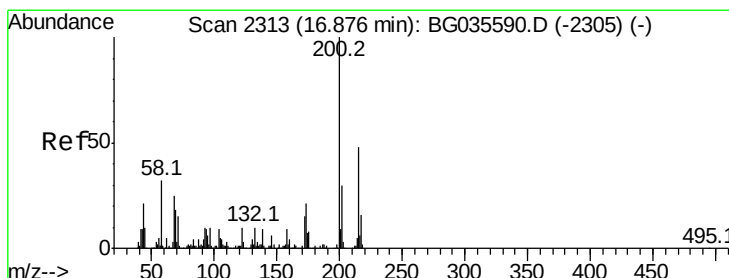
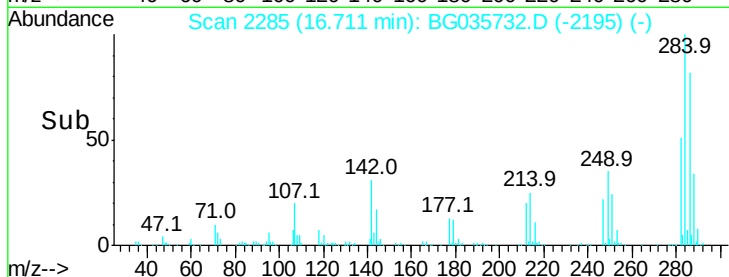
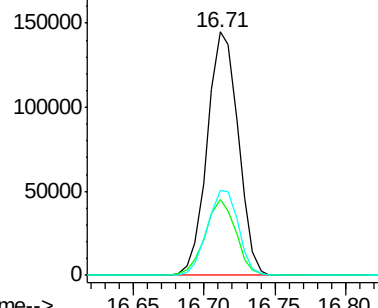
Tot Ion	Ratio	Resp	Lower	Upper
284	100	221987		
142	31.0	26.8	40.2	
249	34.8	26.3	39.5	

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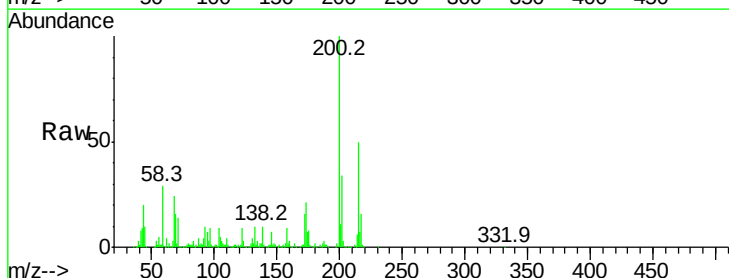


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

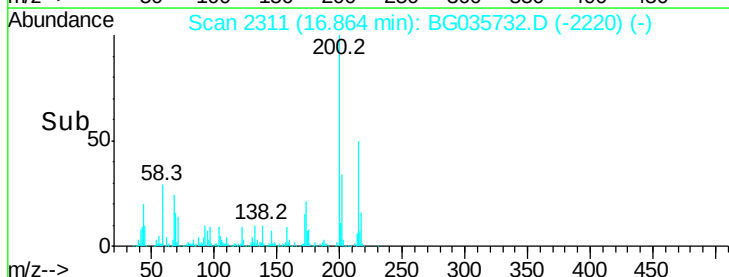
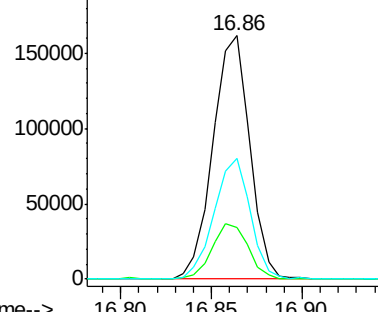


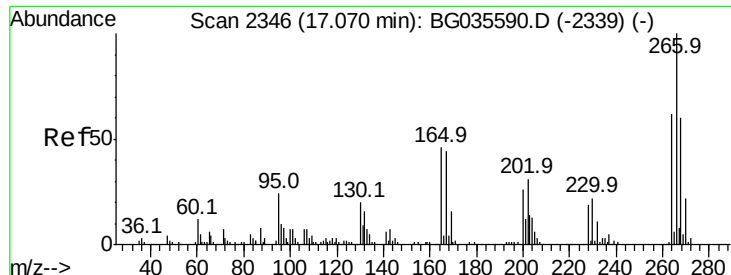
#68
Atrazine
Concen: 55.497 ng
RT: 16.86 min Scan# 2311
Delta R.T. 0.01 min
Lab File: BG035732.D
Acq: 19 Jul 2018 00:45

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	228519		
173	21.2	5.2	45.2	
215	49.5	30.4	70.4	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





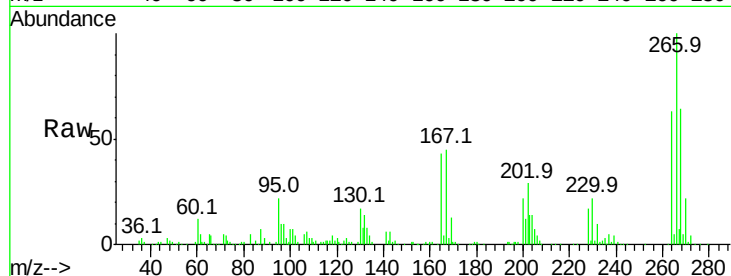
#69
 Pentachlorophenol
 Concen: 43.043 ng
 RT: 17.06 min Scan# 2344
 Delta R.T. -0.00 min
 Lab File: BG035732.D
 Acq: 19 Jul 2018 00:45

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-071618MSD

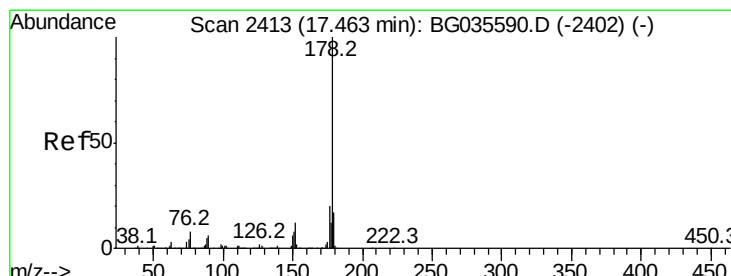
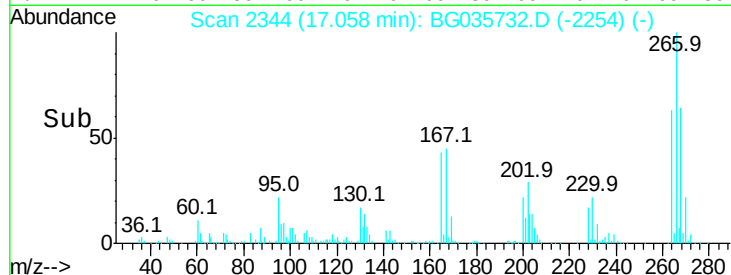
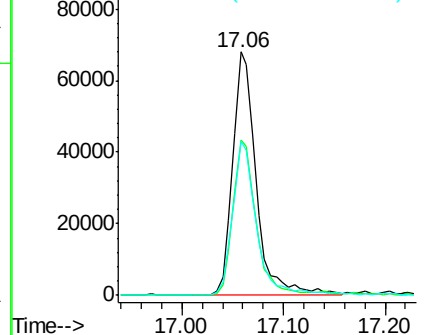
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.7	51.1	76.7
264	63.5	49.6	74.4

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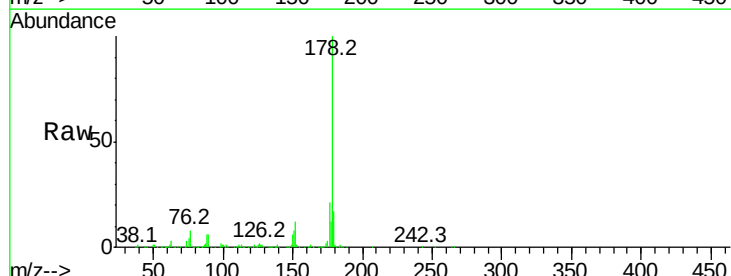


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

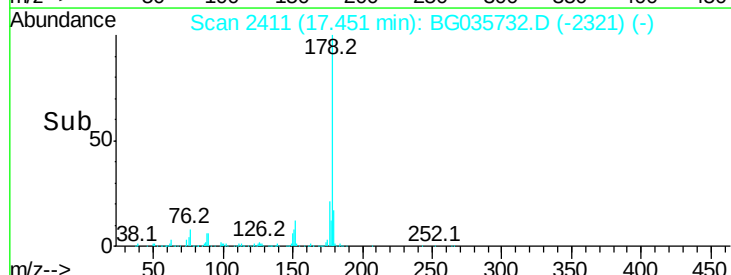
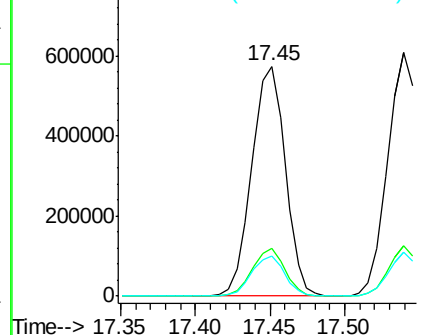


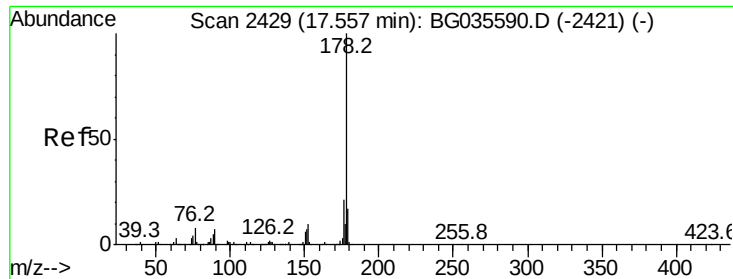
#70
 Phenanthrene
 Concen: 50.768 ng
 RT: 17.45 min Scan# 2411
 Delta R.T. -0.00 min
 Lab File: BG035732.D
 Acq: 19 Jul 2018 00:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.7	23.5
179	17.2	12.5	18.7



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





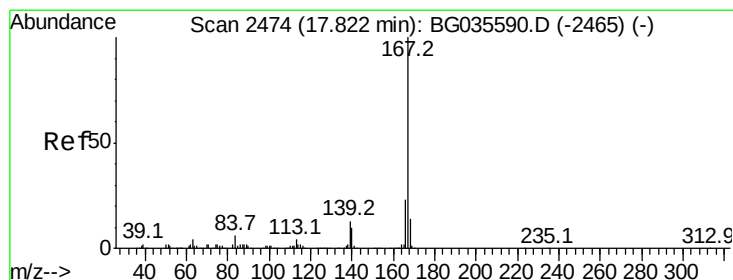
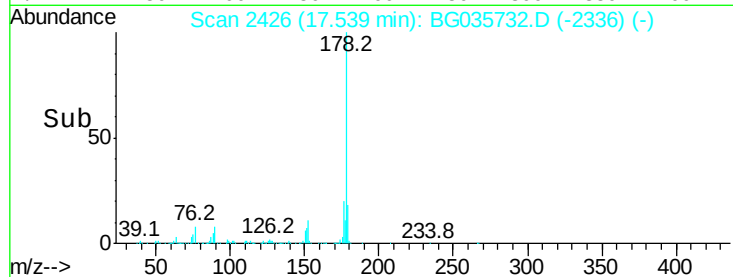
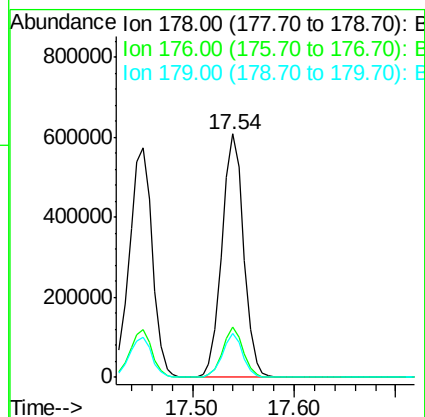
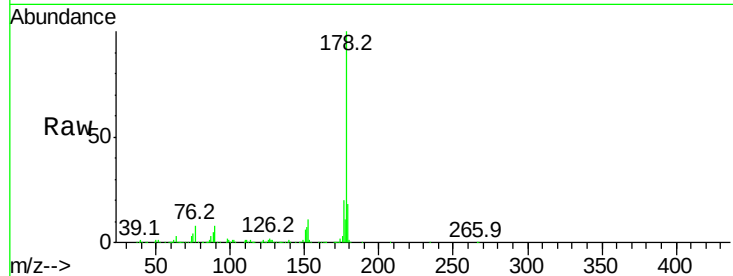
#71
 Anthracene
 Concen: 51.815 ng
 RT: 17.54 min Scan# 2426
 Delta R.T. -0.00 min
 Lab File: BG035732.D
 Acq: 19 Jul 2018 00:45

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-071618MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.0	24.0
179	18.2	12.5	18.7

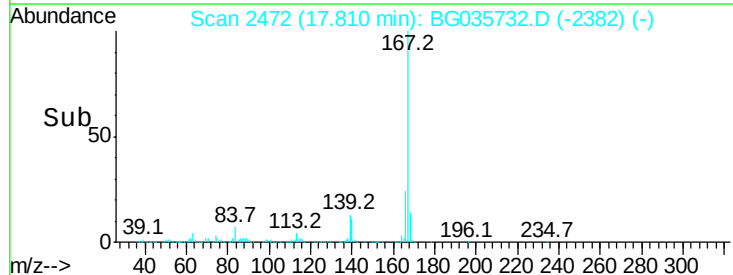
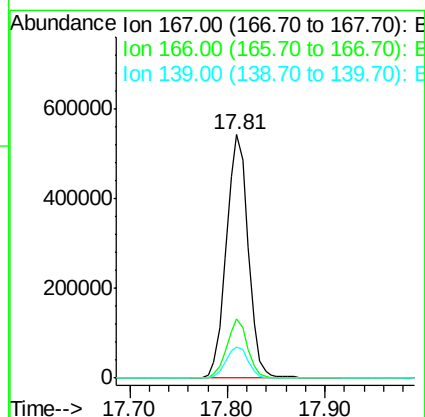
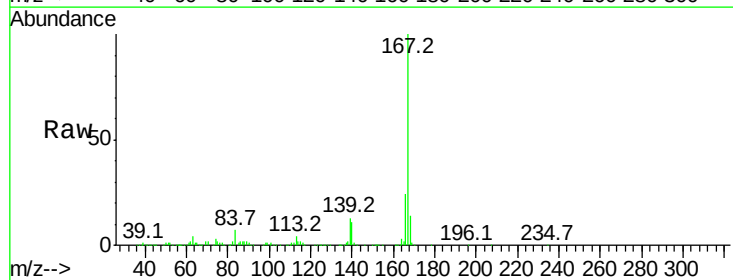
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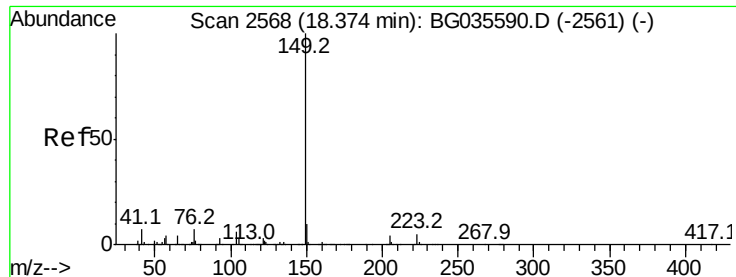
Sohil
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#72
 Carbazole
 Concen: 51.081 ng
 RT: 17.81 min Scan# 2472
 Delta R.T. -0.00 min
 Lab File: BG035732.D
 Acq: 19 Jul 2018 00:45

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.1	18.2	27.4
139	13.0	9.4	14.2





#73

Di-n-butylphthalate

Concen: 49.346 ng

RT: 18.36 min Scan# 2566

Delta R.T. -0.00 min

Lab File: BG035732.D

Acq: 19 Jul 2018 00:45

Instrument :

BNA_G

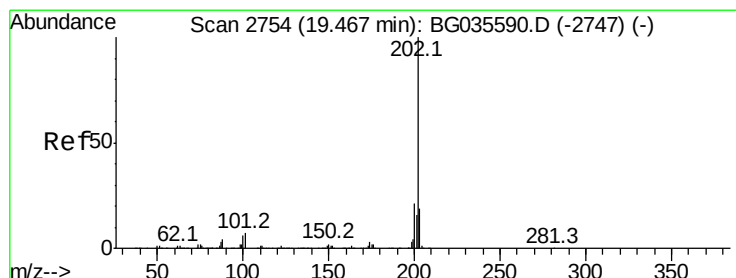
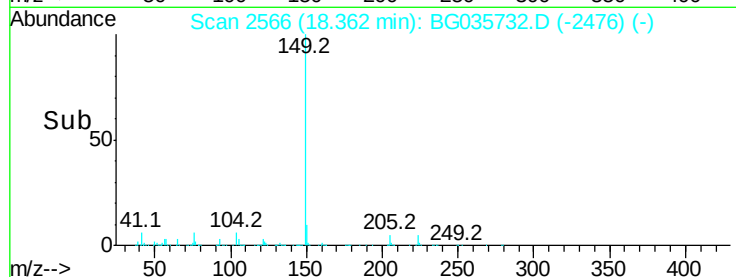
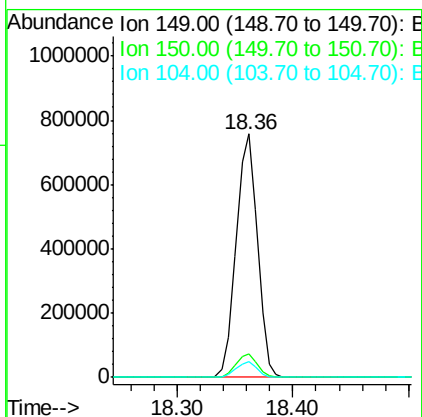
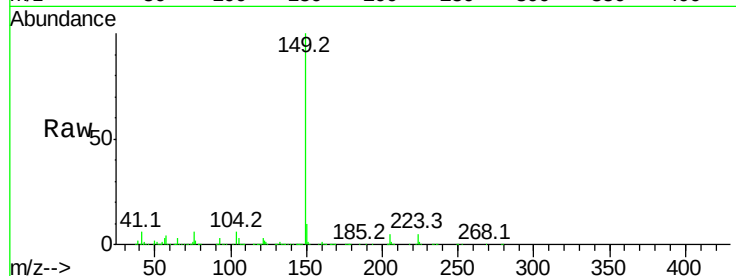
ClientSampleId :

OK-01-071618MSD

Tot Ion:	149	Resp:	966756
Ion Ratio	Lower	Upper	
149	100		
150	9.8	7.8	11.6
104	6.5	3.9	5.9#

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#74

Fluoranthene

Concen: 50.529 ng

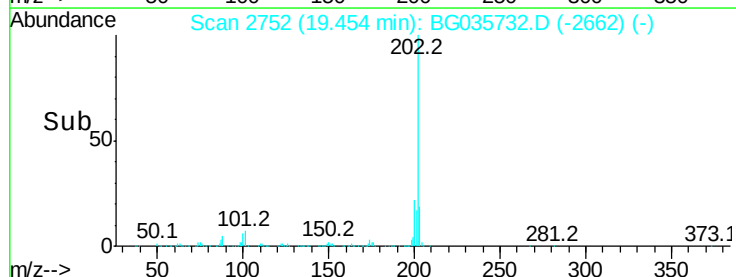
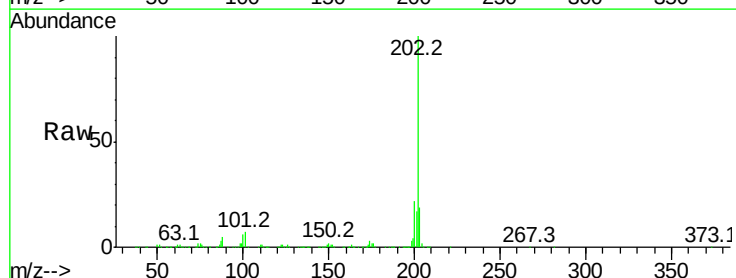
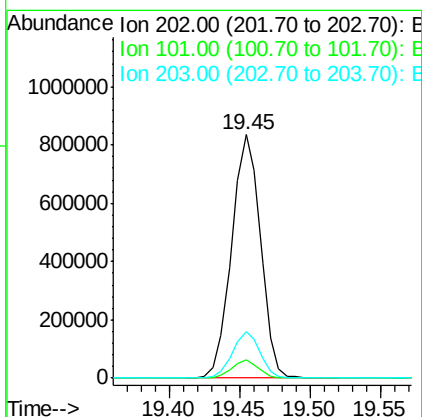
RT: 19.45 min Scan# 2752

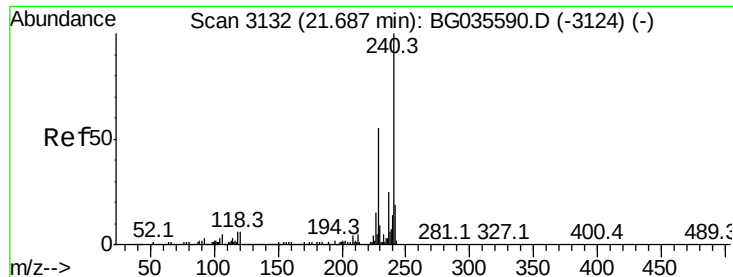
Delta R.T. -0.00 min

Lab File: BG035732.D

Acq: 19 Jul 2018 00:45

Tgt Ion:	202	Resp:	1193266
Ion Ratio	Lower	Upper	
202	100		
101	7.3	0.0	28.9
203	18.9	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3130

Delta R.T. -0.00 min

Lab File: BG035732.D

Acq: 19 Jul 2018 00:45

Instrument :

BNA_G

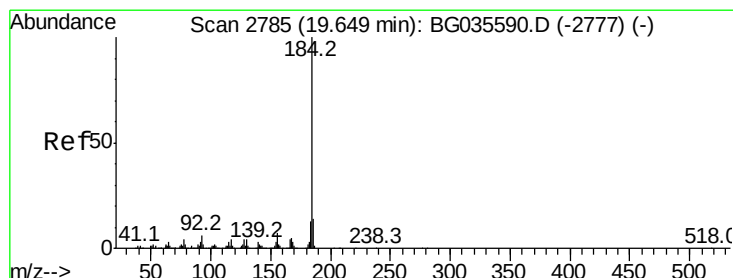
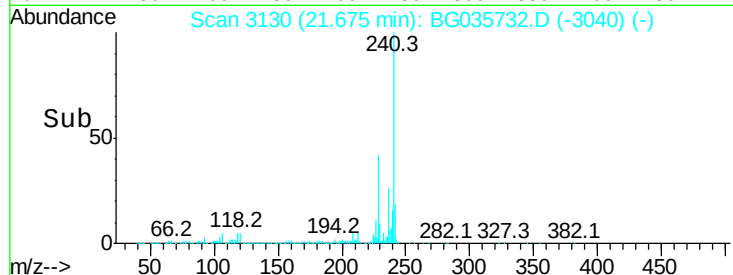
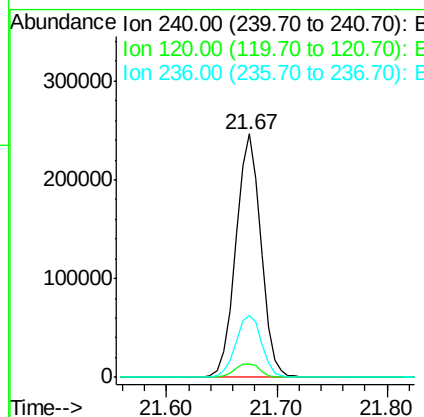
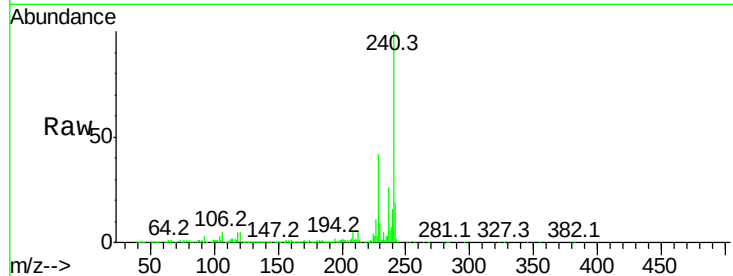
ClientSampleId :

OK-01-071618MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.3	6.8	10.2#
236	25.5	20.9	31.3

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#76

Benzidine

Concen: 11.708 ng

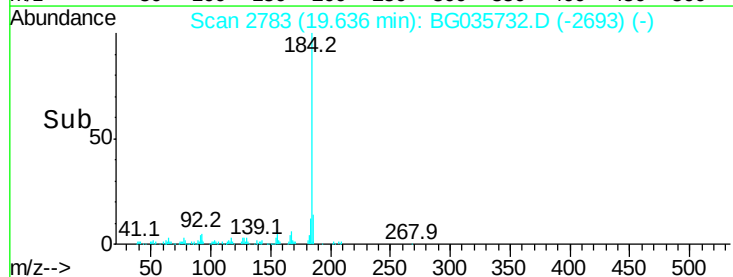
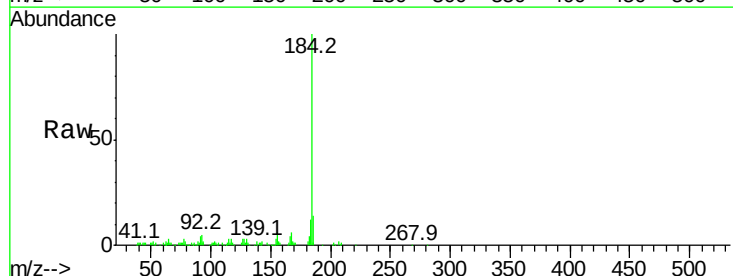
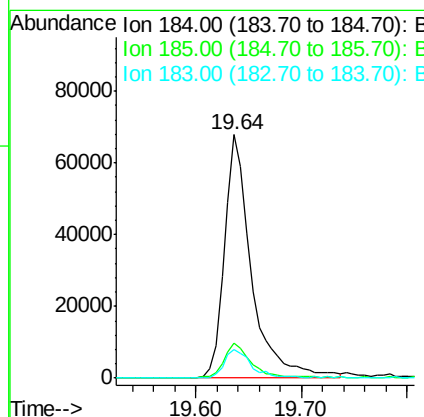
RT: 19.64 min Scan# 2783

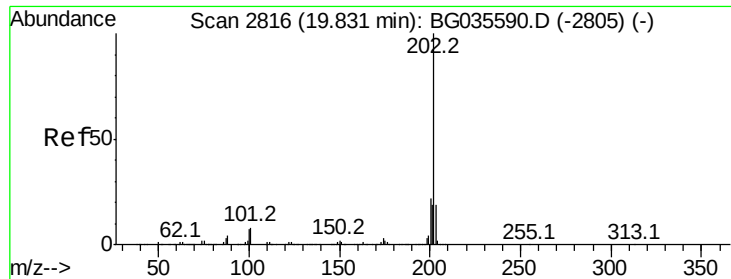
Delta R.T. -0.00 min

Lab File: BG035732.D

Acq: 19 Jul 2018 00:45

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.1	16.7
183	11.9	10.6	16.0





#77

Pvrene

Concen: 48.191 ng

RT: 19.82 min Scan# 2814

Delta R.T. 0.01 min

Lab File: BG035732.D

Acq: 19 Jul 2018 00:45

Instrument :

BNA_G

ClientSampleId :

OK-01-071618MSD

Tot Ion:202 Resp: 1196475

Ion Ratio Lower Upper

202 100

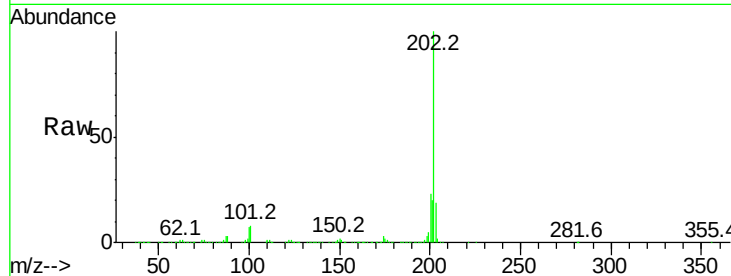
200 22.8 16.9 25.3

203 19.2 13.9 20.9

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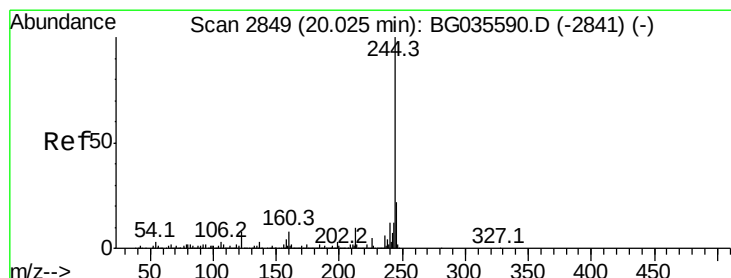
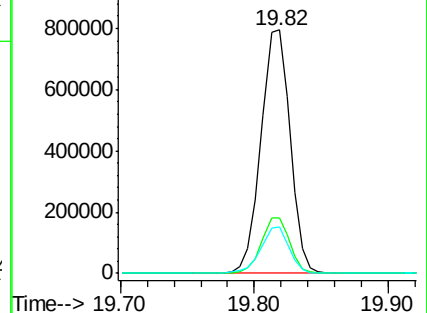
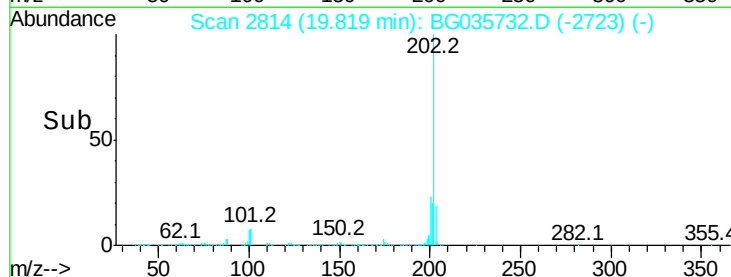
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 95.776 ng

RT: 20.01 min Scan# 2847

Delta R.T. -0.00 min

Lab File: BG035732.D

Acq: 19 Jul 2018 00:45

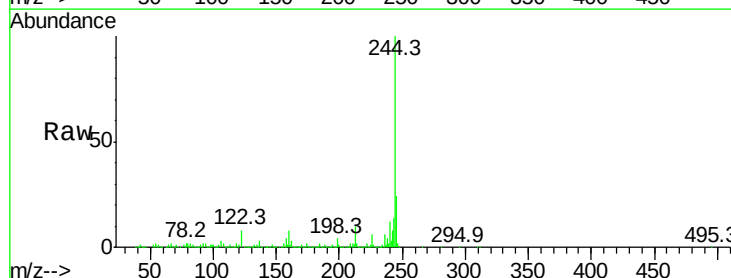
Tgt Ion:244 Resp: 1706035

Ion Ratio Lower Upper

244 100

212 9.9 5.8 8.8#

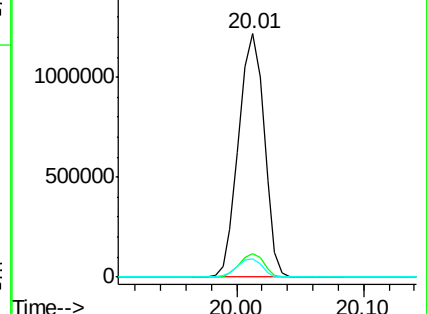
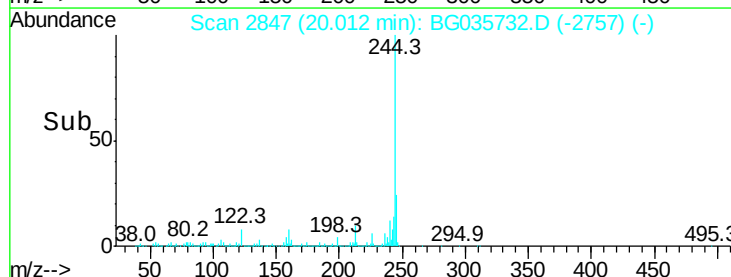
122 7.8 7.0 10.4

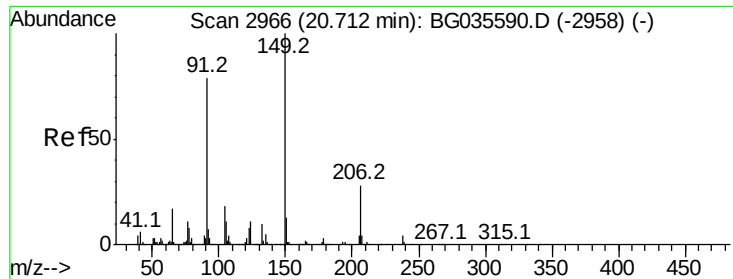


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





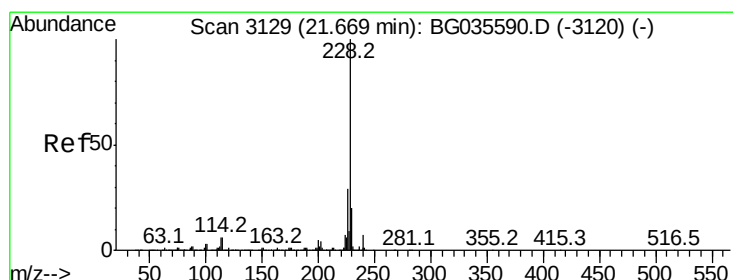
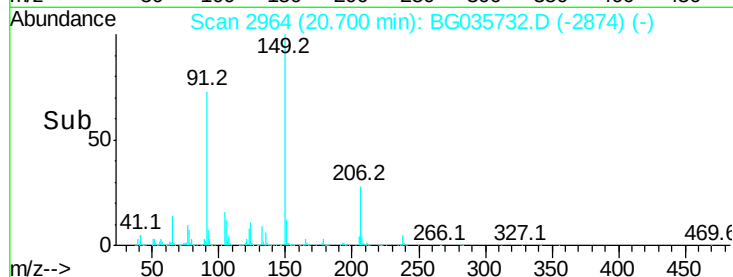
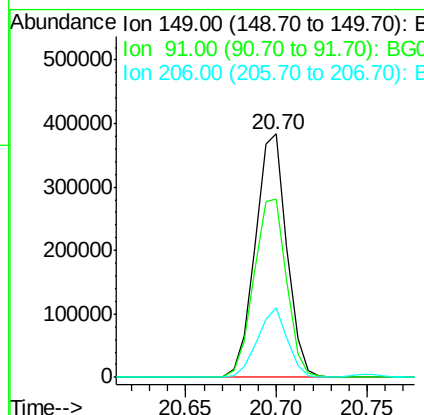
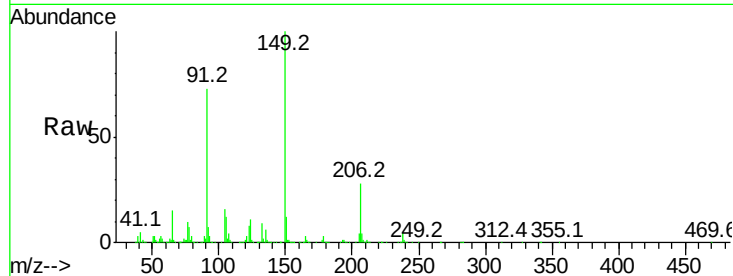
#79
Butylbenzylphthalate
Concen: 52.161 ng
RT: 20.70 min Scan# 2964
Delta R.T. -0.00 min
Lab File: BG035732.D
Acq: 19 Jul 2018 00:45

Instrument :
BNA_G
ClientSampleId :
OK-01-071618MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	73.5	62.2	93.2
206	28.5	18.6	27.8

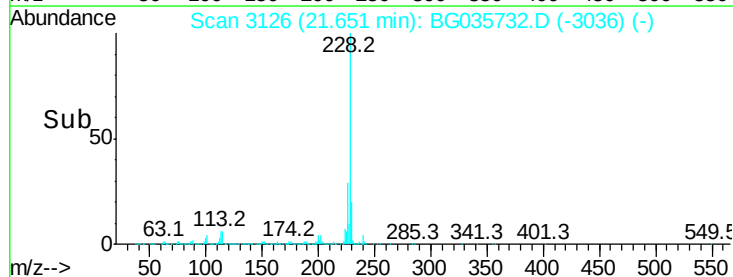
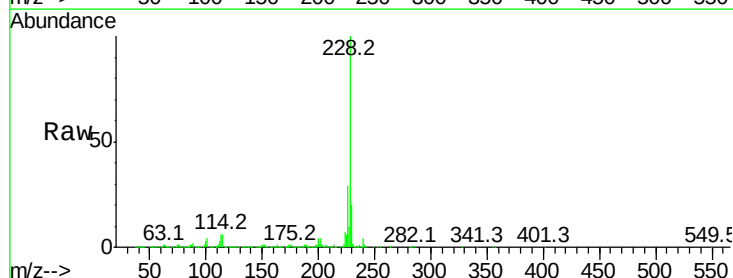
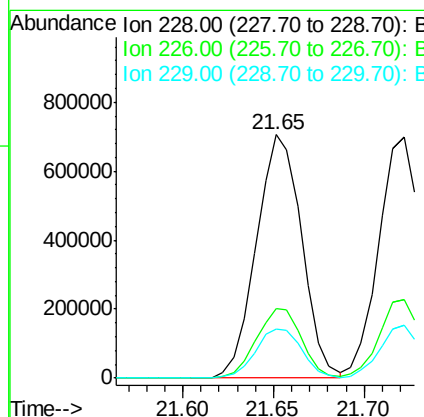
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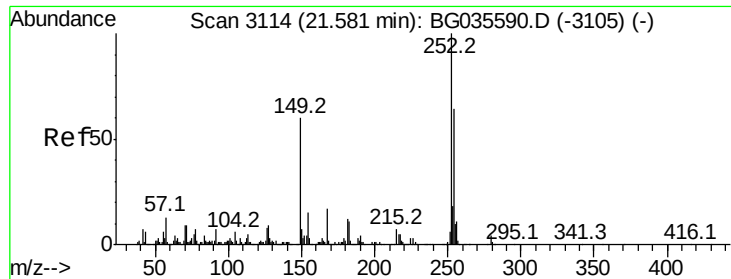
Sohil
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#80
Benzo(a)anthracene
Concen: 49.993 ng
RT: 21.65 min Scan# 3126
Delta R.T. -0.00 min
Lab File: BG035732.D
Acq: 19 Jul 2018 00:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.7	34.1
229	20.3	16.2	24.2





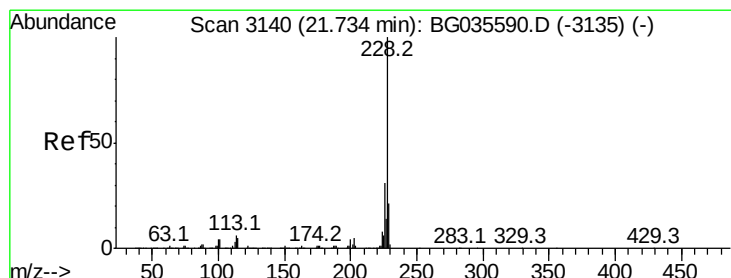
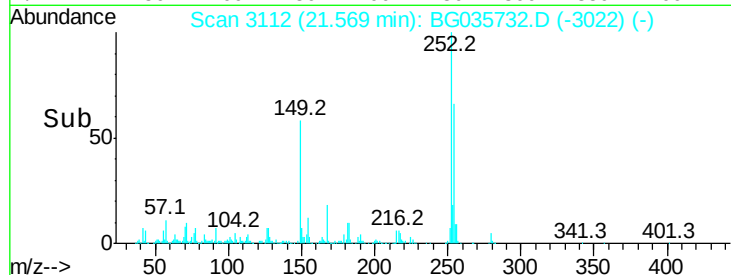
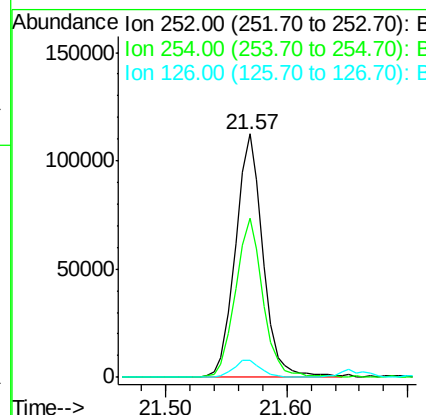
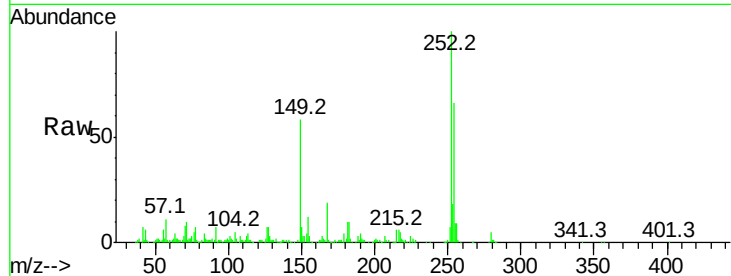
#81
 3,3'-Dichlorobenzidine
 Concen: 20.868 ng
 RT: 21.57 min Scan# 3112
 Delta R.T. -0.00 min
 Lab File: BG035732.D
 Acq: 19 Jul 2018 00:45

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-071618MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.5	50.8	76.2
126	7.0	7.4	11.2#

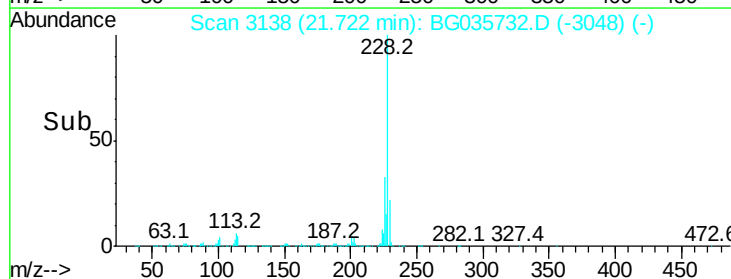
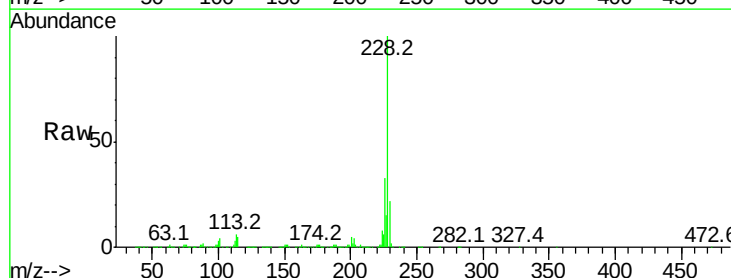
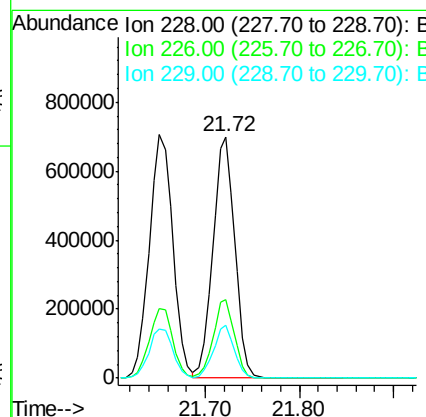
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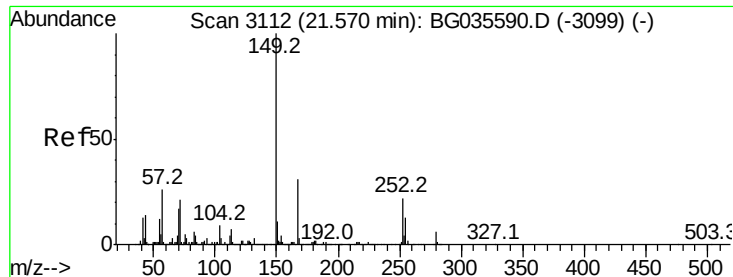
Sohil
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#82
 Chrysene
 Concen: 50.411 ng
 RT: 21.72 min Scan# 3138
 Delta R.T. -0.00 min
 Lab File: BG035732.D
 Acq: 19 Jul 2018 00:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.9	37.3
229	21.7	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.765 ng

RT: 21.55 min Scan# 3109

Delta R.T. -0.00 min

Lab File: BG035732.D

Acq: 19 Jul 2018 00:45

Instrument :

BNA_G

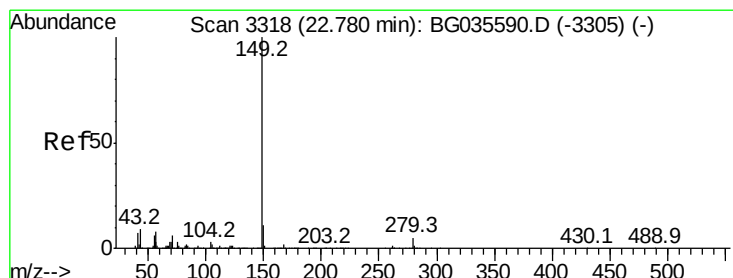
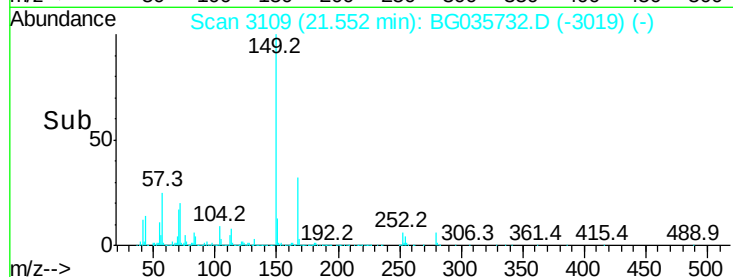
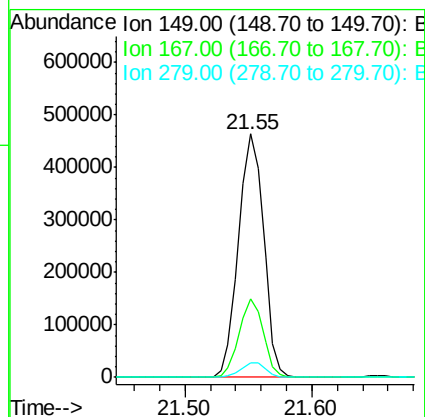
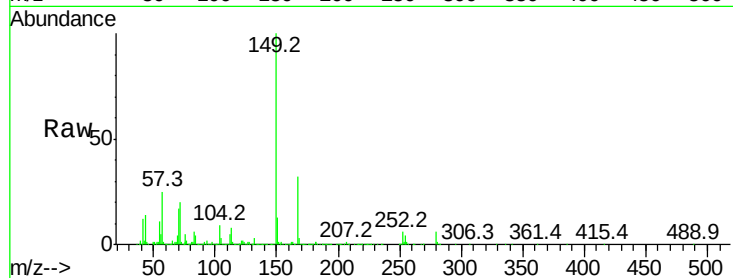
ClientSampleId :

OK-01-071618MSD

Tot Ion:	149	Resp:	636887
Ion Ratio	Lower	Upper	
149	100		
167	32.2	24.3	36.5
279	6.1	4.0	6.0#

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#84

Di-n-octyl phthalate

Concen: 54.031 ng

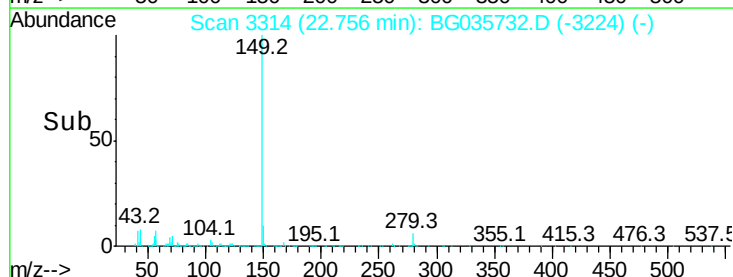
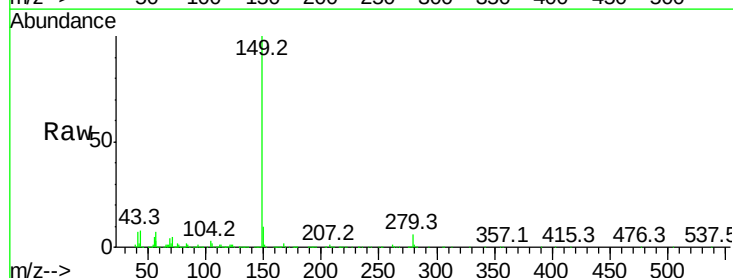
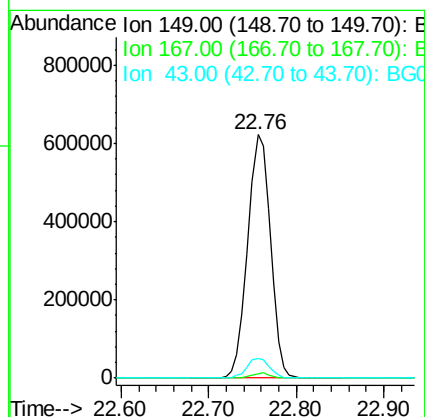
RT: 22.76 min Scan# 3314

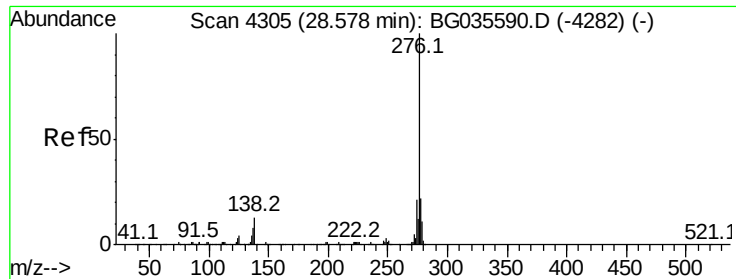
Delta R.T. -0.00 min

Lab File: BG035732.D

Acq: 19 Jul 2018 00:45

Tgt Ion:	149	Resp:	1091963
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.0
43	7.9	8.9	13.3#





#85

Indeno(1,2,3-cd)pyrene

Concen: 53.331 ng

RT: 28.54 min Scan# 4298

Delta R.T. -0.01 min

Lab File: BG035732.D

Acq: 19 Jul 2018 00:45

Instrument :

BNA_G

ClientSampleId :

OK-01-071618MSD

Tot Ion:276 Resp: 1338802

Ion Ratio Lower Upper

276 100

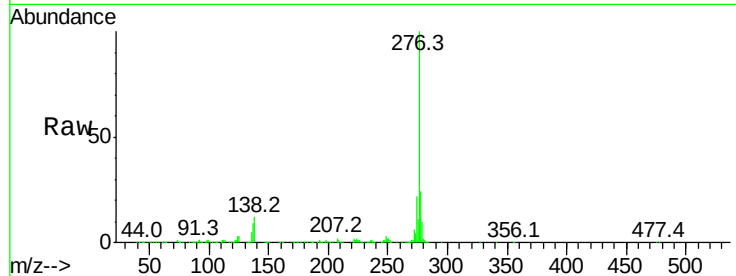
138 14.6 16.0 24.0#

277 26.3 20.0 30.0

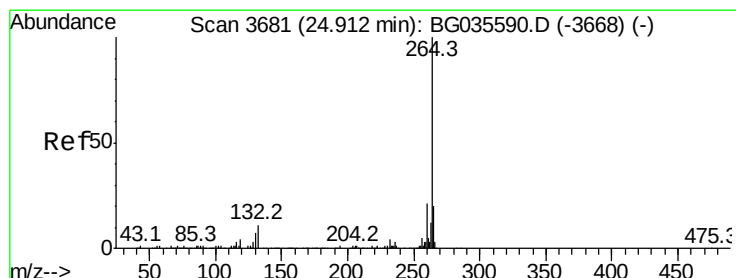
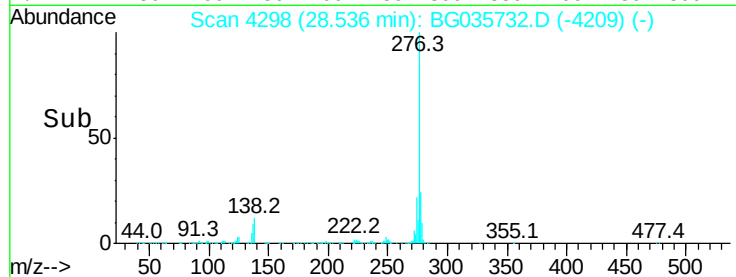
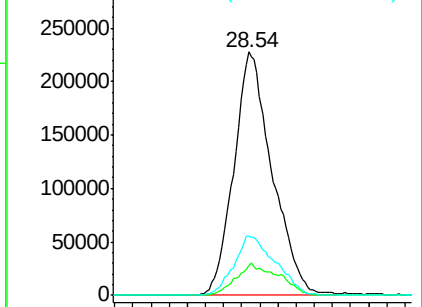
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.88 min Scan# 3675

Delta R.T. -0.01 min

Lab File: BG035732.D

Acq: 19 Jul 2018 00:45

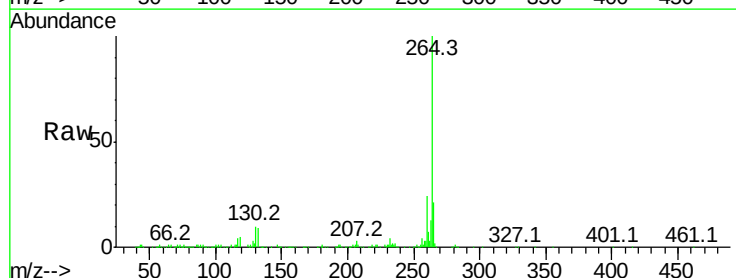
Tgt Ion:264 Resp: 385207

Ion Ratio Lower Upper

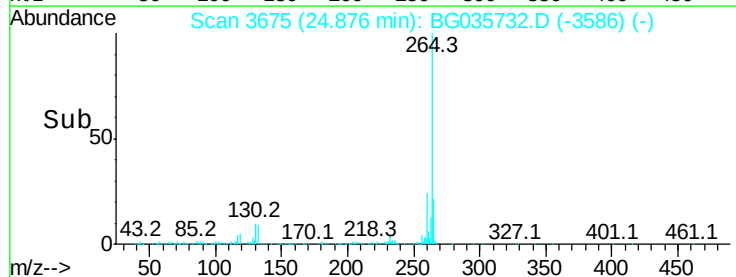
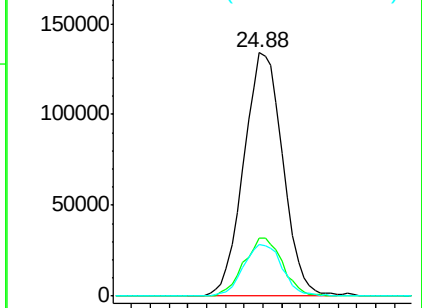
264 100

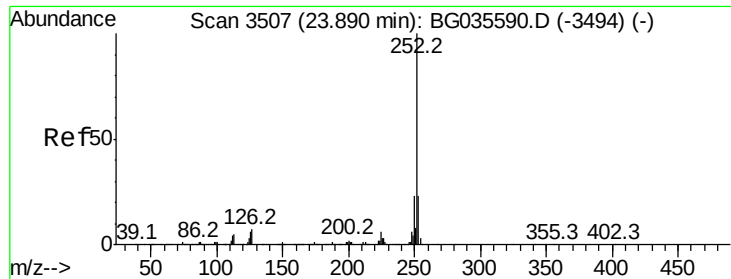
260 23.8 17.4 26.0

265 21.3 17.7 26.5



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





#87

Benzo(b)fluoranthene

Concen: 50.387 ng

RT: 23.87 min Scan# 3503

Delta R.T. -0.00 min

Lab File: BG035732.D

Acq: 19 Jul 2018 00:45

Instrument :

BNA_G

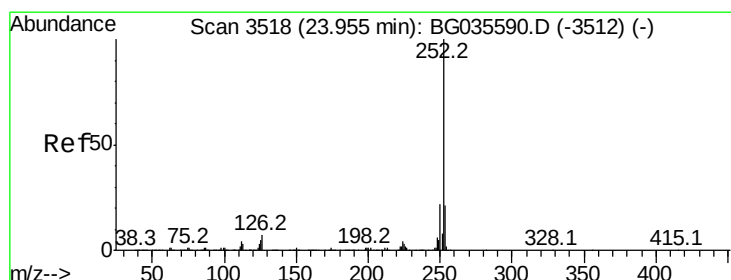
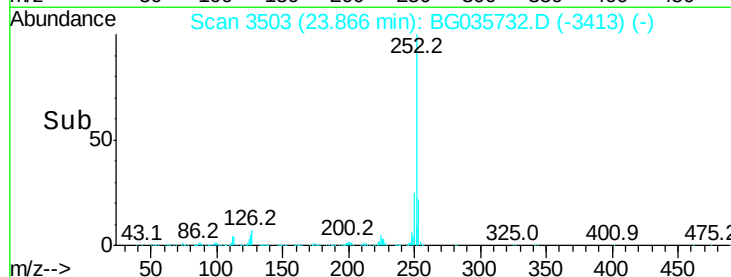
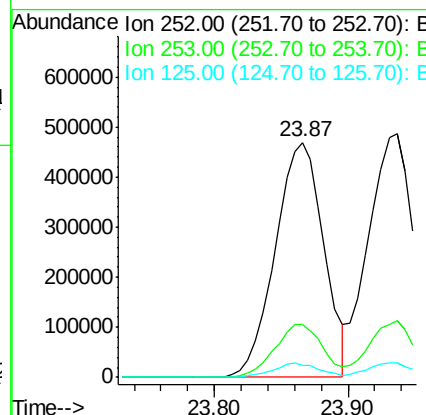
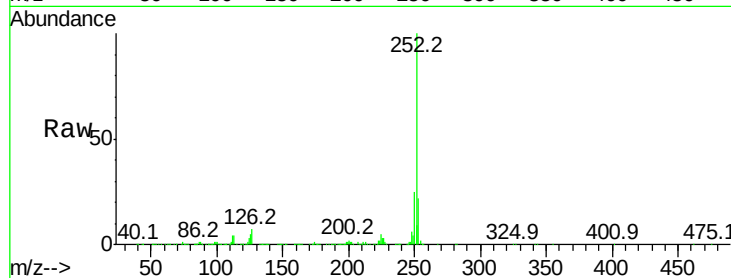
ClientSampleId :

OK-01-071618MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	5.3	7.2	10.8

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#88

Benzo(k)fluoranthene

Concen: 50.440 ng

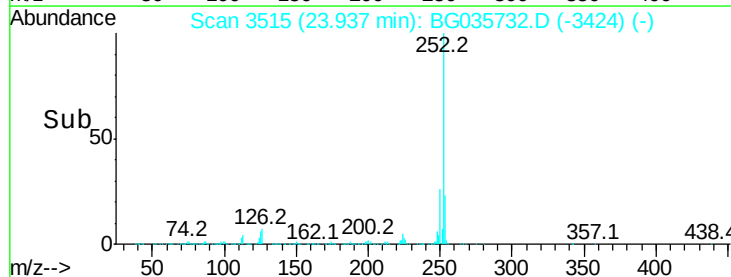
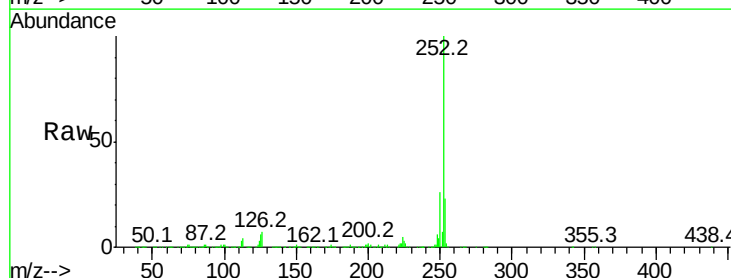
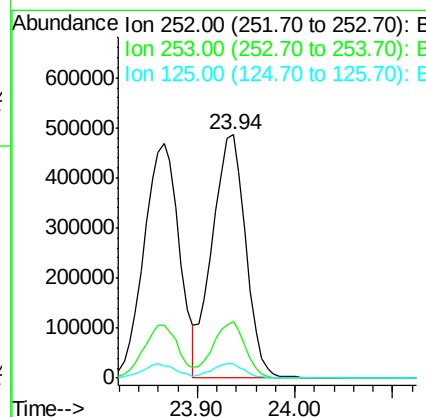
RT: 23.94 min Scan# 3515

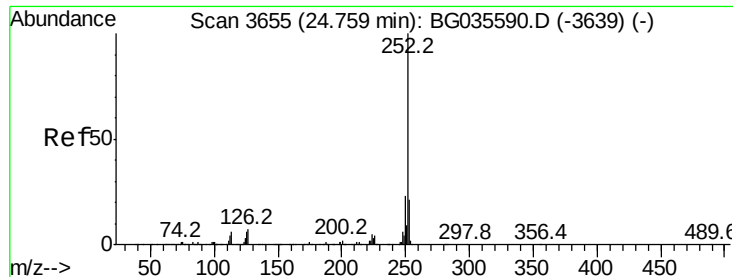
Delta R.T. 0.01 min

Lab File: BG035732.D

Acq: 19 Jul 2018 00:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.2
125	5.7	6.6	9.8





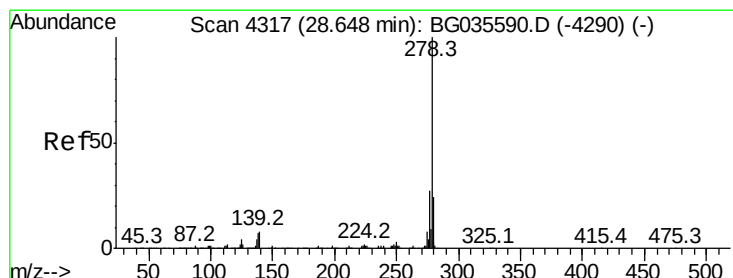
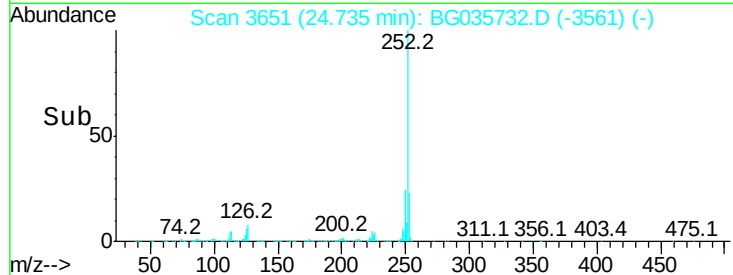
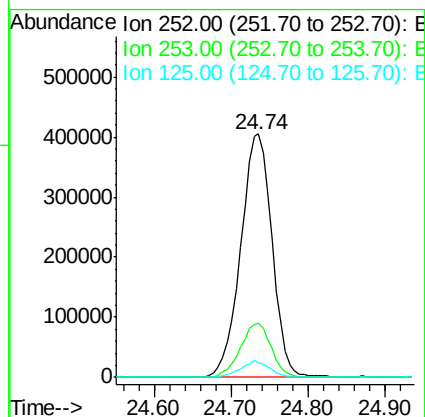
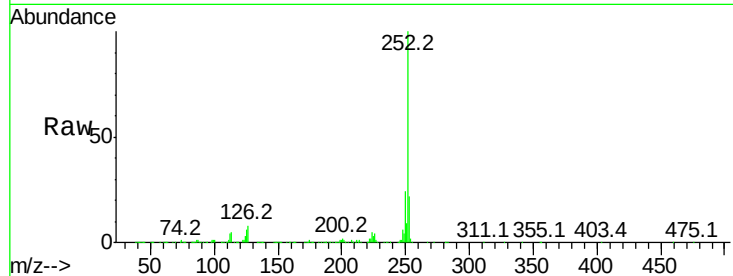
#89
Benzo(a)pyrene
Concen: 52.894 ng
RT: 24.74 min Scan# 3651
Delta R.T. -0.00 min
Lab File: BG035732.D
Acq: 19 Jul 2018 00:45

Instrument :
BNA_G
ClientSampleId :
OK-01-071618MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.3	27.5
125	6.0	7.3	10.9

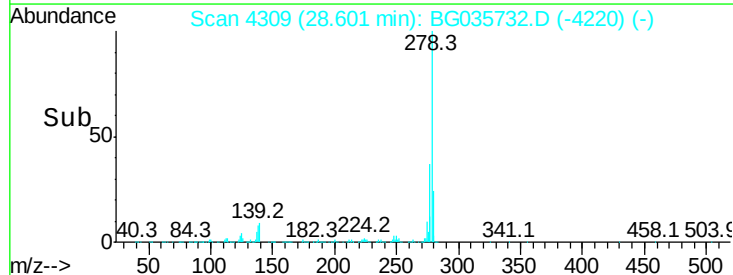
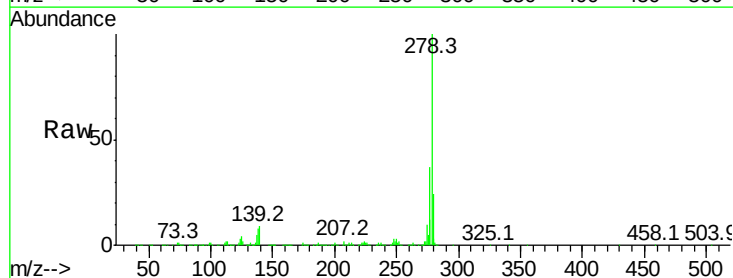
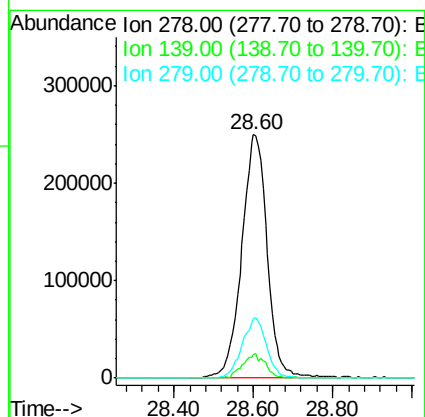
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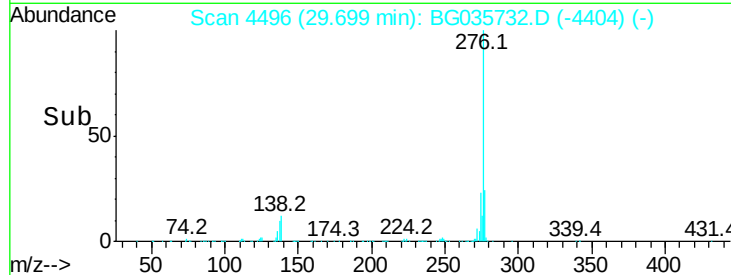
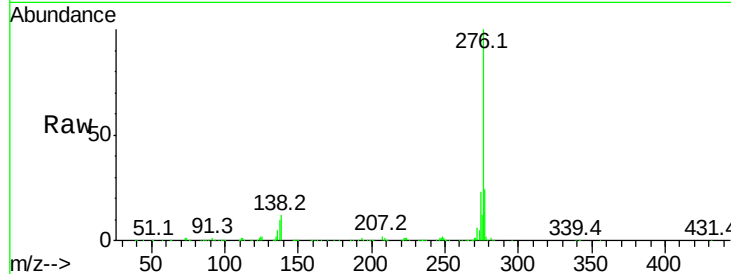
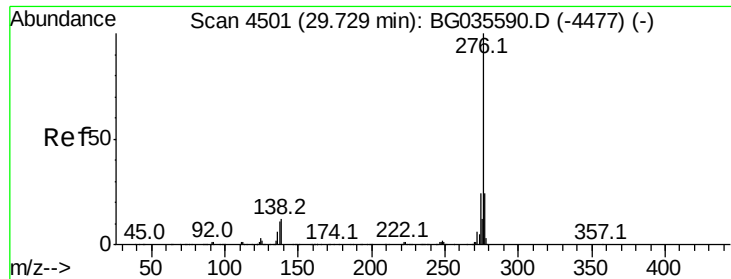
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 52.321 ng
RT: 28.60 min Scan# 4309
Delta R.T. -0.01 min
Lab File: BG035732.D
Acq: 19 Jul 2018 00:45

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.4	9.8	14.6
279	24.3	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 53.062 ng
 RT: 29.70 min Scan# 4496
 Delta R.T. 0.01 min
 Lab File: BG035732.D
 Acq: 19 Jul 2018 00:45

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-071618MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.3	27.5
138	12.2	13.9	20.9

Manual Integrations
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