

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011618\
 Data File : BG032079.D
 Acq On : 16 Jan 2018 21:08
 Operator : SJ/JU
 Sample : J1016-04MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-011218MSD

Manual Integrations
 APPROVED

Sohil
 1/17/2018 10:43:12 AM

Quant Time: Jan 17 02:05:52 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 15 10:05:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.76	152	48718	20.00	ng	-0.01
21) Naphthalene-d8	11.65	136	192407	20.00	ng	-0.01
38) Acenaphthene-d10	15.40	164	132990	20.00	ng	0.00
63) Phenanthrene-d10	18.13	188	361606	20.00	ng	0.00
75) Chrysene-d12	22.47	240	432769	20.00	ng	-0.01
86) Perylene-d12	26.18	264	476819	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	6.20	112	384392	144.31	ng	0.00
7) Phenol-d6	7.88	99	444313	132.44	ng	0.00
23) Nitrobenzene-d5	9.97	82	313509	110.24	ng	0.00
41) 2,4,6-Tribromophenol	16.88	330	364007	165.41	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	1051564	98.04	ng	0.00
78) Terphenyl-d14	20.67	244	1990561	101.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.86	88	36578	35.743	ng	# 75
3) Pyridine	4.32	79	43447	15.905	ng	85
4) n-Nitrosodimethylamine	4.21	42	52061	54.250	ng	# 84
6) Aniline	8.06	93	47624	11.255	ng	94
8) 2-Chlorophenol	8.32	128	137953	46.282	ng	# 80
9) Benzaldehyde	7.87	77	9649	4.964	ng	89
10) Phenol	7.91	94	136958	41.443	ng	96
11) bis(2-Chloroethyl)ether	8.15	93	113982	43.051	ng	84
12) 1,3-Dichlorobenzene	8.65	146	165423m	42.404	ng	
13) 1,4-Dichlorobenzene	8.80	146	168280	42.842	ng	93
14) 1,2-Dichlorobenzene	9.13	146	159952	42.102	ng	96
15) Benzyl Alcohol	9.00	79	115222	47.278	ng	92
16) 2,2'-oxybis(1-Chloropropan	9.29	45	118095	43.890	ng	82
17) 2-Methylphenol	9.20	107	109632	43.409	ng	97
18) Hexachloroethane	9.89	117	55858	46.272	ng	# 85
19) n-Nitroso-di-n-propylamine	9.58	70	92117	44.255	ng	# 89
20) 3+4-Methylphenols	9.53	107	148703	42.502	ng	98
22) Acetophenone	9.61	105	207538	47.486	ng	# 90
24) Nitrobenzene	10.01	77	140091	49.383	ng	# 84
25) Isophorone	10.53	82	257304	48.588	ng	# 85
26) 2-Nitrophenol	10.73	139	84743	50.415	ng	# 84
27) 2,4-Dimethylphenol	10.77	122	141117	52.904	ng	92
28) bis(2-Chloroethoxy)methane	11.01	93	155484	48.732	ng	# 93
29) 2,4-Dichlorophenol	11.28	162	170306	51.888	ng	89
30) 1,2,4-Trichlorobenzene	11.50	180	191100	45.083	ng	97
31) Naphthalene	11.70	128	496282	52.068	ng	99
32) Benzoic acid	10.91	122	120341	55.337	ng	# 81
33) 4-Chloroaniline	11.79	127	29789	7.288	ng	96
34) Hexachlorobutadiene	11.97	225	136804	44.934	ng	95
35) Caprolactam	12.55	113	42279	42.460	ng	# 44
36) 4-Chloro-3-methylphenol	12.86	107	158158	52.645	ng	# 84
37) 2-Methylnaphthalene	13.26	142	361480	47.769	ng	94
39) 1,2,4,5-Tetrachlorobenzene	13.62	216	266292	45.936	ng	# 96
40) Hexachlorocyclopentadiene	13.59	237	327907	100.428	ng	93

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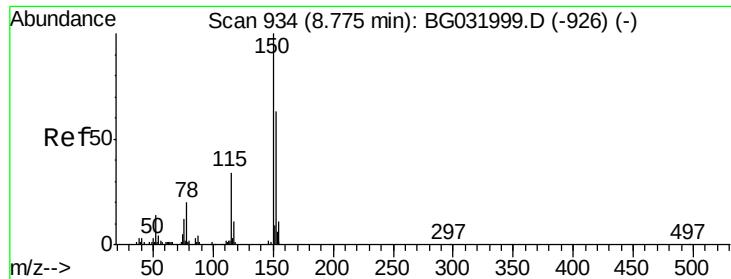
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.84	196	165340	50.761	ng	98
43) 2,4,5-Trichlorophenol	13.92	196	181550	48.154	ng #	93
45) 1,1'-Biphenyl	14.24	154	512121	44.919	ng	95
46) 2-Chloronaphthalene	14.29	162	391627	44.156	ng	97
47) 2-Nitroaniline	14.48	65	91728	54.024	ng #	73
48) Acenaphthylene	15.13	152	592989	43.906	ng	98
49) Dimethylphthalate	14.83	163	538634	46.283	ng	99
50) 2,6-Dinitrotoluene	14.96	165	122509	50.716	ng #	72
51) Acenaphthene	15.46	154	444106	49.728	ng	98
52) 3-Nitroaniline	15.28	138	35827	16.421	ng #	61
53) 2,4-Dinitrophenol	15.48	184	115665	94.108	ng #	77
54) Dibenzofuran	15.79	168	640163	48.052	ng	99
55) 4-Nitrophenol	15.57	139	162763	102.369	ng #	82
56) 2,4-Dinitrotoluene	15.73	165	176868	54.385	ng #	68
57) Fluorene	16.44	166	518763	47.478	ng	99
58) 2,3,4,6-Tetrachlorophenol	16.01	232	196417	56.316	ng #	86
59) Diethylphthalate	16.17	149	542991	48.128	ng	96
60) 4-Chlorophenyl-phenylether	16.41	204	323635	48.285	ng	93
61) 4-Nitroaniline	16.44	138	87394	41.758	ng	90
62) Azobenzene	16.71	77	347059	49.147	ng	87
64) 4,6-Dinitro-2-methylphenol	16.49	198	94975	41.743	ng #	71
65) n-Nitrosodiphenylamine	16.62	169	483152	44.032	ng	98
66) 4-Bromophenyl-phenylether	17.31	248	236568	45.980	ng	95
67) Hexachlorobenzene	17.44	284	238671	41.930	ng #	90
68) Atrazine	17.55	200	205303	44.491	ng	98
69) Pentachlorophenol	17.77	266	342386	94.105	ng	98
70) Phenanthrene	18.18	178	919906	45.692	ng	99
71) Anthracene	18.26	178	924552	46.043	ng	98
72) Carbazole	18.52	167	802987	46.098	ng	100
73) Di-n-butylphthalate	19.03	149	926346	45.004	ng	99
74) Fluoranthene	20.14	202	1188651	47.155	ng	96
76) Benzidine	20.30	184	101201	9.351	ng	99
77) Pyrene	20.49	202	1202247	44.191	ng	98
79) Butylbenzylphthalate	21.35	149	430447	44.160	ng #	76
80) Benzo(a)anthracene	22.45	228	1244834	46.252	ng	99
81) 3,3'-Dichlorobenzidine	22.34	252	211316	21.018	ng #	98
82) Chrysene	22.52	228	1169790	45.257	ng	98
83) Bis(2-ethylhexyl)phthalate	22.29	149	610207	42.691	ng #	99
84) Di-n-octyl phthalate	23.67	149	1040518	45.834	ng #	89
85) Indeno(1,2,3-cd)pyrene	30.50	276	1505018	47.579	ng #	87
87) Benzo(b)fluoranthene	25.00	252	1325382	45.987	ng #	97
88) Benzo(k)fluoranthene	25.07	252	1283639	45.579	ng #	95
89) Benzo(a)pyrene	26.01	252	1273836	46.723	ng #	97
90) Dibenzo(a,h)anthracene	30.58	278	1222526	46.533	ng #	94
91) Benzo(g,h,i)perylene	31.86	276	1260203	46.930	ng #	93

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



#1

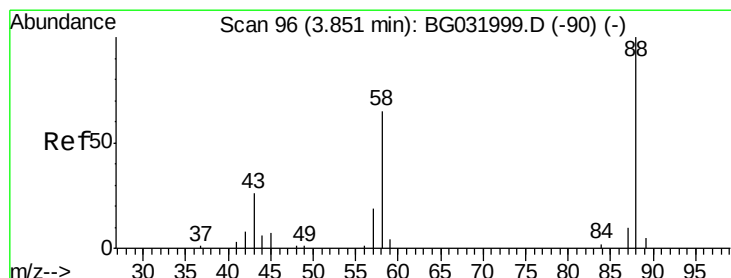
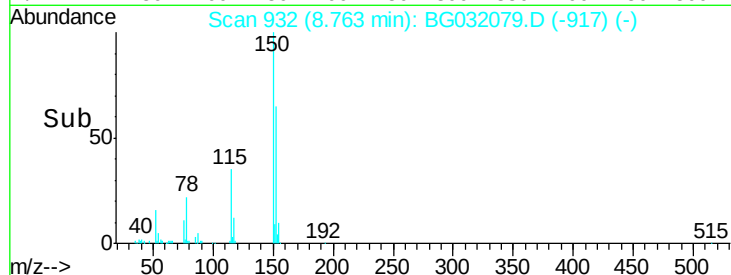
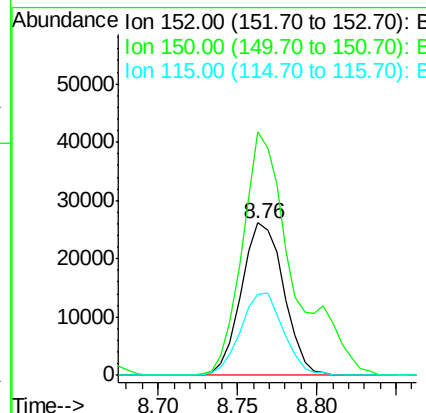
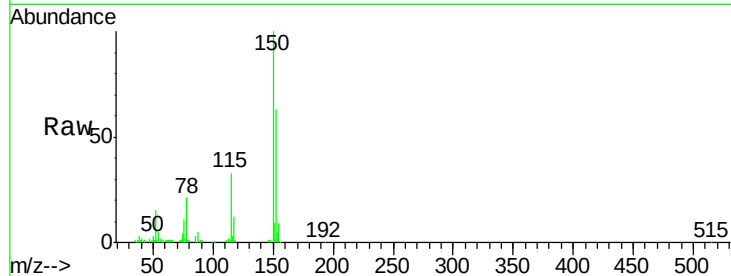
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.76 min Scan# 932
Delta R.T. -0.01 min
Lab File: BG032079.D
Acq: 16 Jan 2018 21:08

Instrument :
BNA_G
ClientSampleId :
OK-02-011218MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.7	126.6	189.8
115	53.2	53.0	79.4

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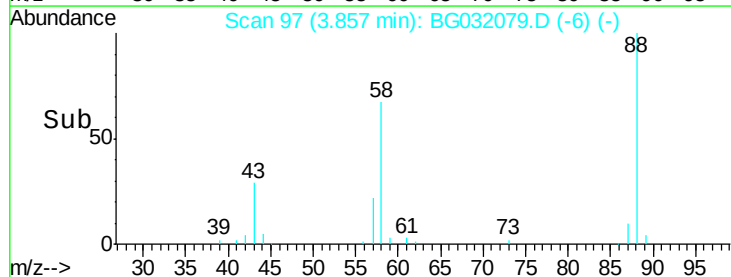
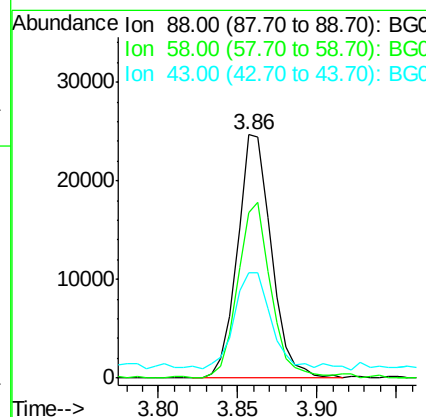
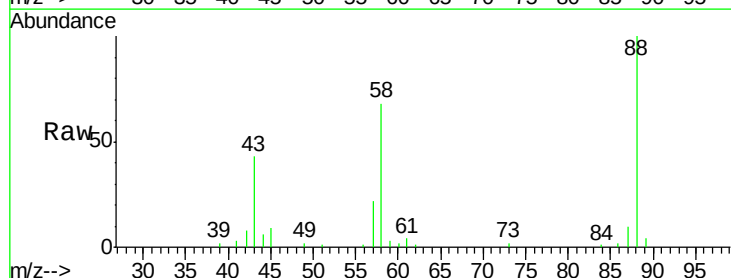
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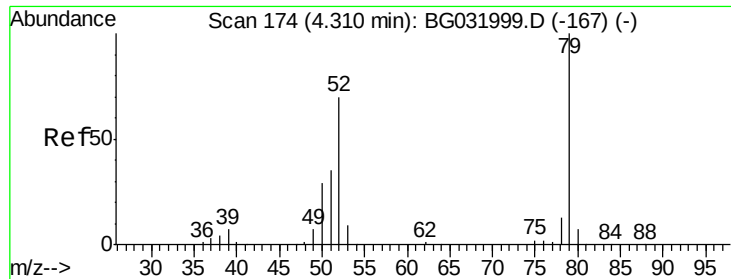


#2

1,4-Dioxane
Concen: 35.743 ng
RT: 3.86 min Scan# 97
Delta R.T. 0.01 min
Lab File: BG032079.D
Acq: 16 Jan 2018 21:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.3	79.6	119.4#
43	41.9	27.4	41.0#





#3

Pyridine

Concen: 15.905 ng

RT: 4.32 min Scan# 175

Delta R.T. 0.01 min

Lab File: BG032079.D

Acq: 16 Jan 2018 21:08

Instrument :

BNA_G

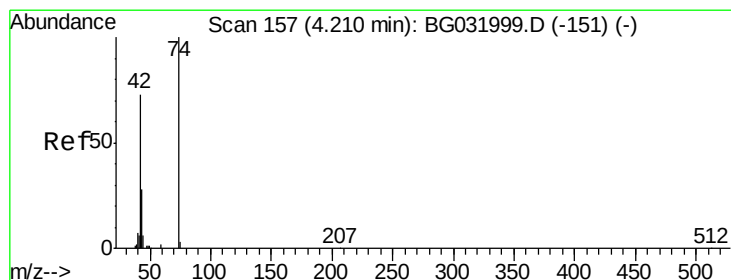
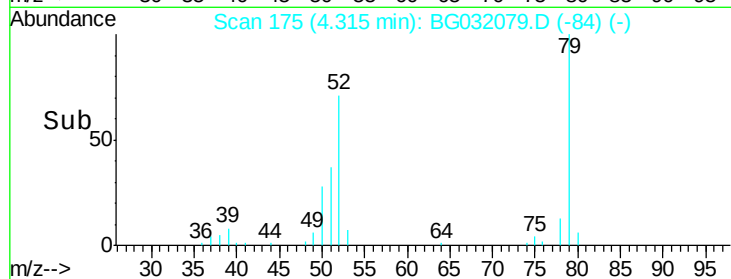
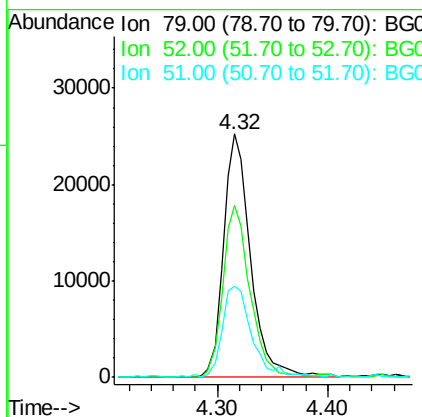
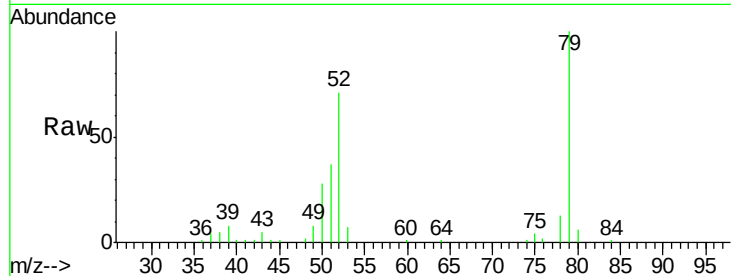
ClientSampleId :

OK-02-011218MSD

Tgt Ion:	79	Resp:	43447
Ion	Ratio	Lower	Upper
79	100		
52	70.7	69.9	104.9
51	37.4	34.0	51.0

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 54.250 ng

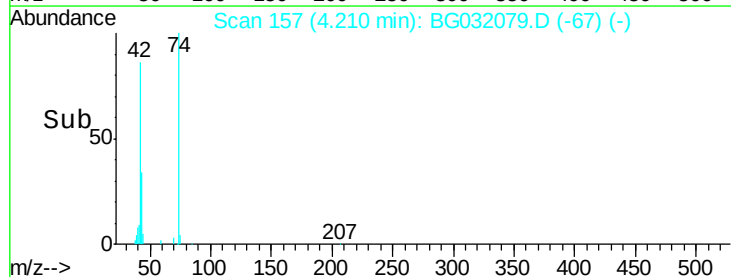
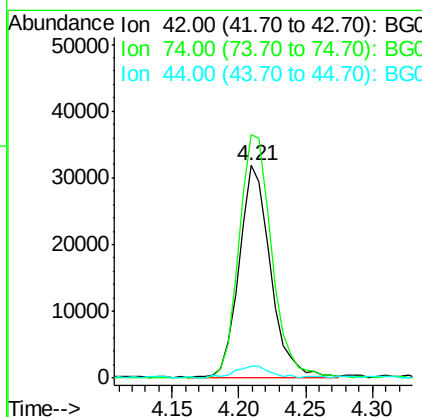
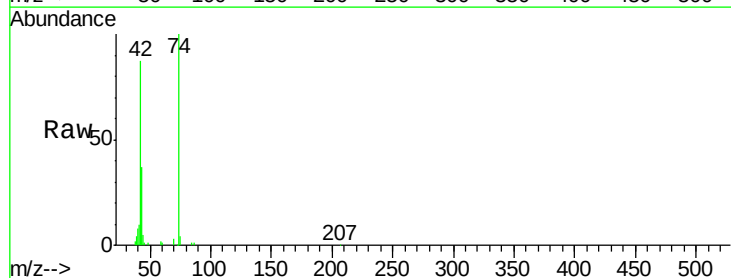
RT: 4.21 min Scan# 157

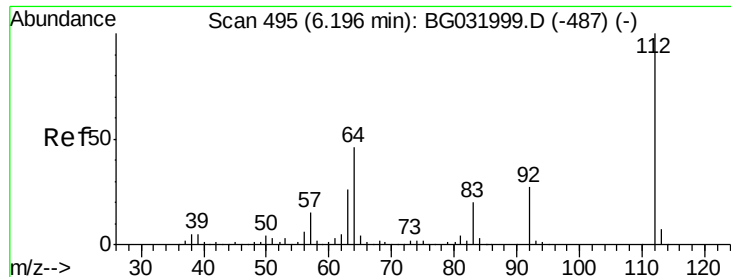
Delta R.T. -0.00 min

Lab File: BG032079.D

Acq: 16 Jan 2018 21:08

Tgt Ion:	42	Resp:	52061
Ion	Ratio	Lower	Upper
42	100		
74	114.5	102.5	153.7
44	5.5	18.9	28.3#





#5

2-Fluorophenol

Concen: 144.305 ng

RT: 6.20 min Scan# 495

Delta R.T. -0.00 min

Lab File: BG032079.D

Acq: 16 Jan 2018 21:08

Instrument :

BNA_G

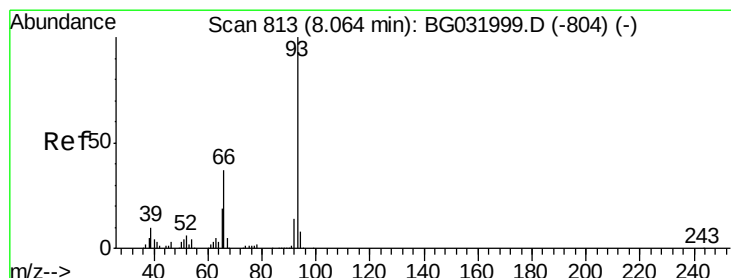
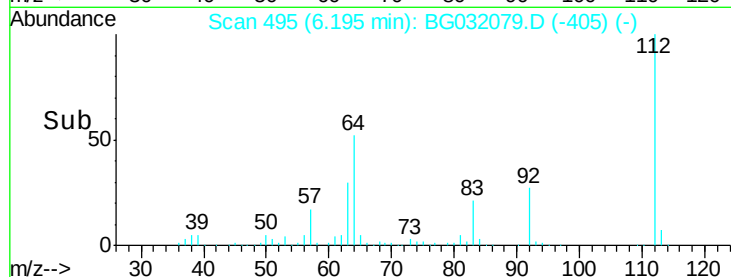
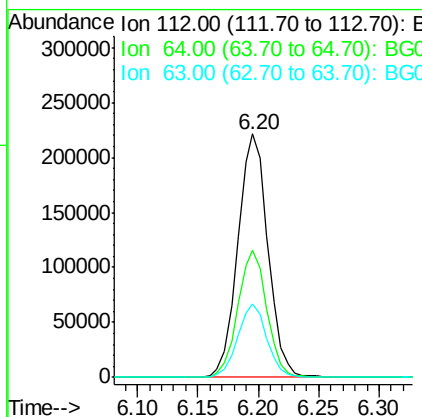
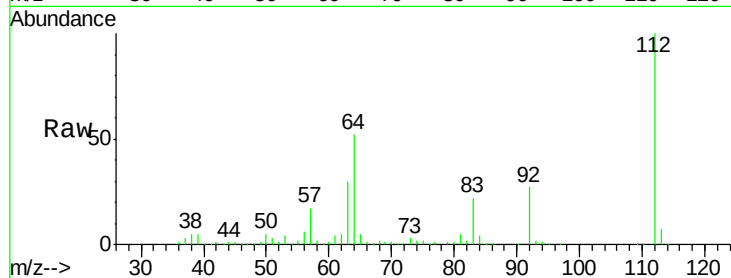
ClientSampleId :

OK-02-011218MSD

Tgt Ion:	112	Resp:	384392
Ion Ratio	Lower	Upper	
112	100		
64	52.1	56.3	84.5#
63	30.1	30.1	45.1

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#6

Aniline

Concen: 11.255 ng

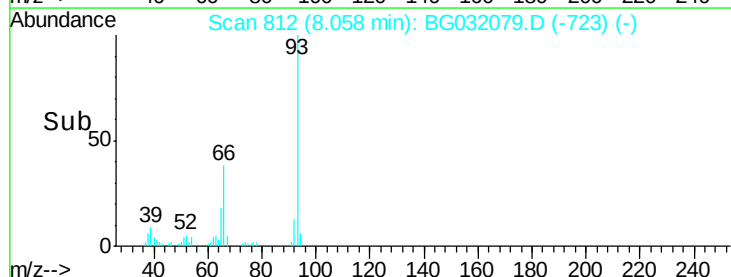
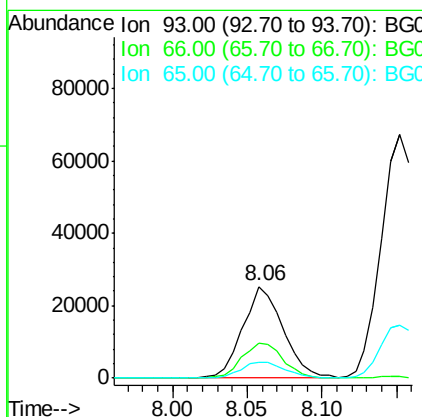
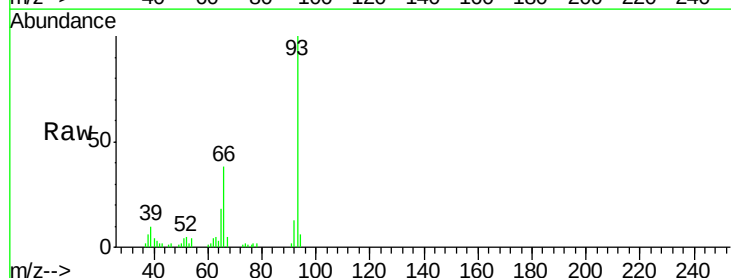
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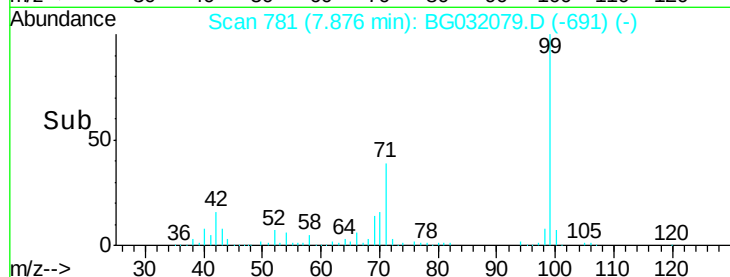
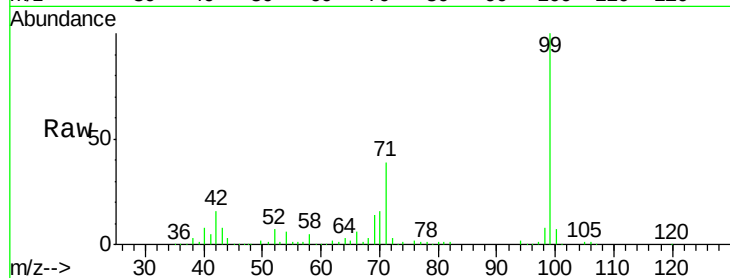
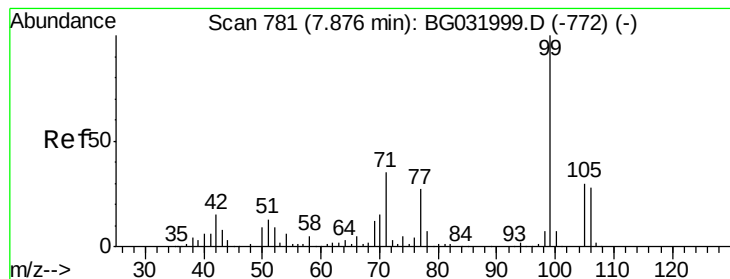
Delta R.T. -0.01 min

Lab File: BG032079.D

Acq: 16 Jan 2018 21:08

Tgt Ion:	93	Resp:	47624
Ion Ratio	Lower	Upper	
93	100		
66	38.2	33.7	50.5
65	17.8	16.1	24.1





#7

Phenol-d6

Concen: 132.440 ng

RT: 7.88 min Scan# 781

Delta R.T. -0.00 min

Lab File: BG032079.D

Acq: 16 Jan 2018 21:08

Tgt Ion:	99	Resp:	444313
Ion Ratio	Lower	Upper	
99	100		
42	16.2	14.1	21.1
71	39.4	26.1	39.1#

Instrument :

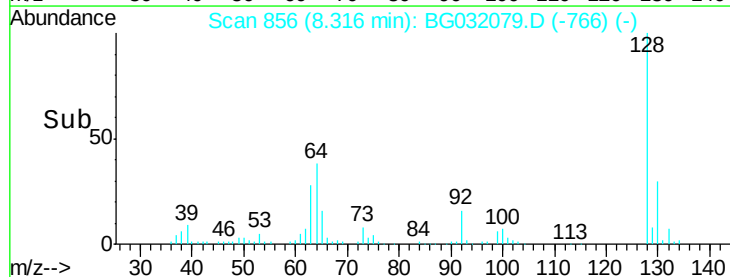
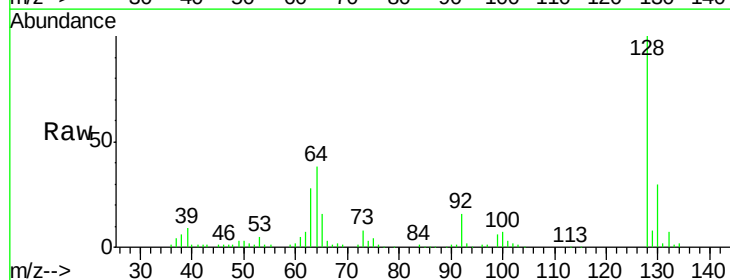
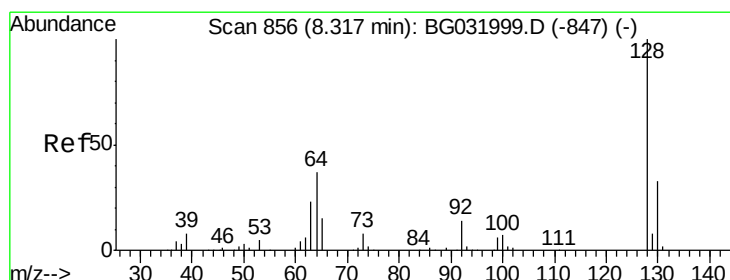
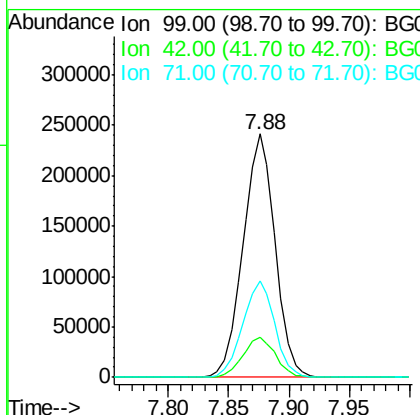
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#8

2-Chlorophenol

Concen: 46.282 ng

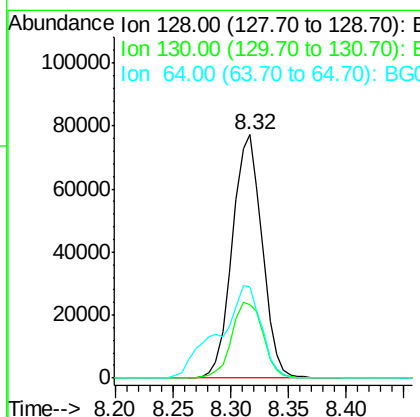
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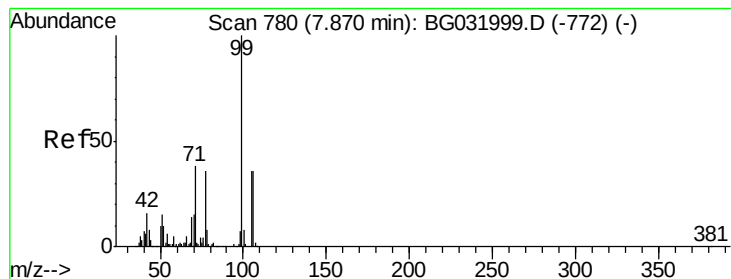
Delta R.T. -0.00 min

Lab File: BG032079.D

Acq: 16 Jan 2018 21:08

Tgt Ion:	128	Resp:	137953
Ion Ratio	Lower	Upper	
128	100		
130	30.3	14.0	54.0
64	37.5	37.7	77.7#





#9

Benzaldehyde

Concen: 4.964 ng

RT: 7.87 min Scan# 780

Delta R.T. -0.00 min

Lab File: BG032079.D

Acq: 16 Jan 2018 21:08

Instrument :

BNA_G

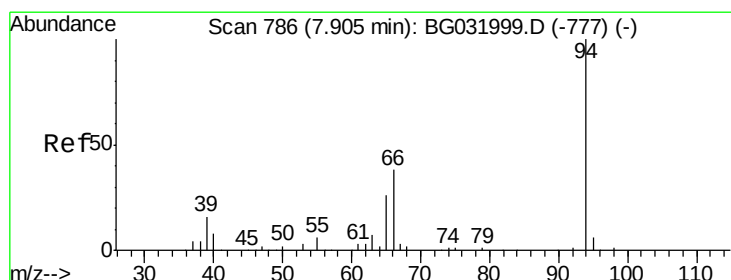
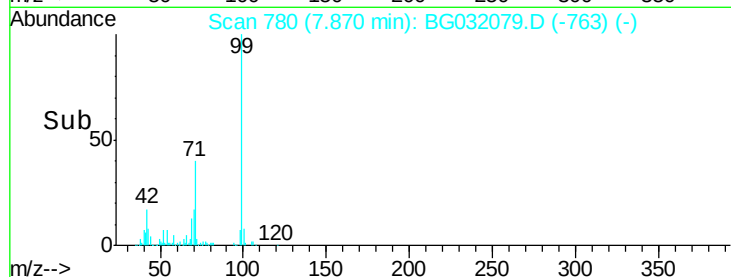
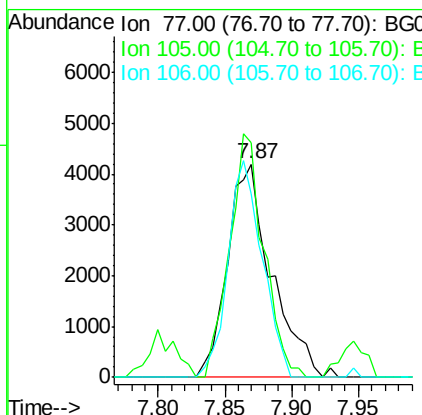
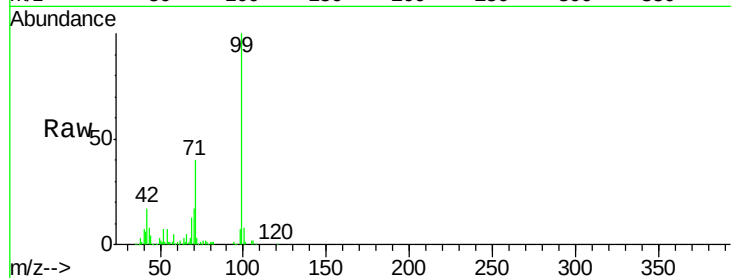
ClientSampleId :

OK-02-011218MSD

Tgt Ion:	77	Resp:	9649
Ion	Ratio	Lower	Upper
77	100		
105	110.2	71.3	111.3
106	86.3	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 41.443 ng

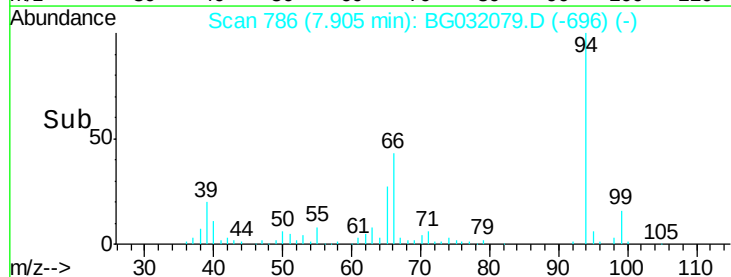
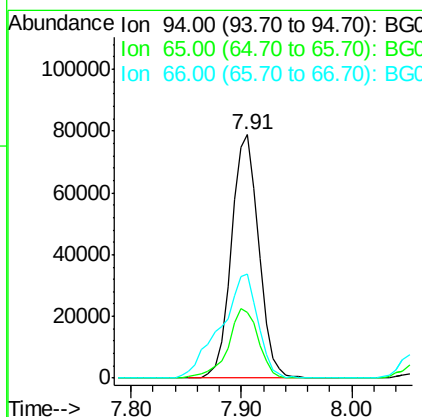
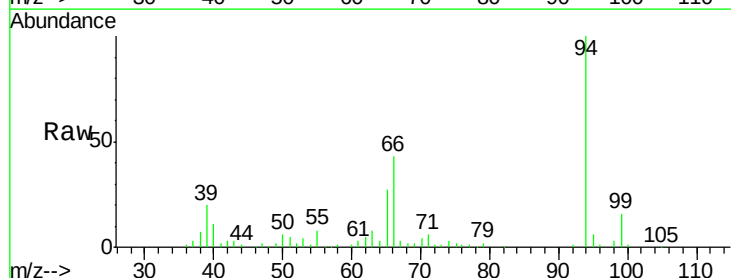
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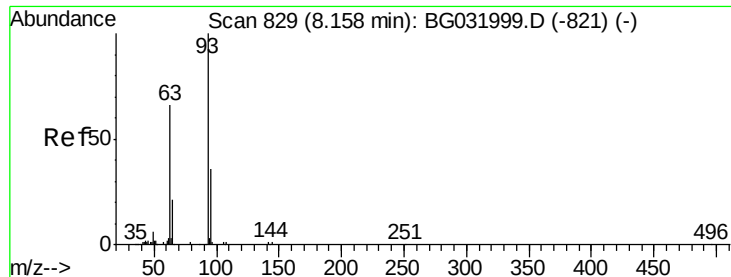
Delta R.T. -0.00 min

Lab File: BG032079.D

Acq: 16 Jan 2018 21:08

Tgt Ion:	94	Resp:	136958
Ion	Ratio	Lower	Upper
94	100		
65	26.9	11.9	51.9
66	42.9	22.2	62.2





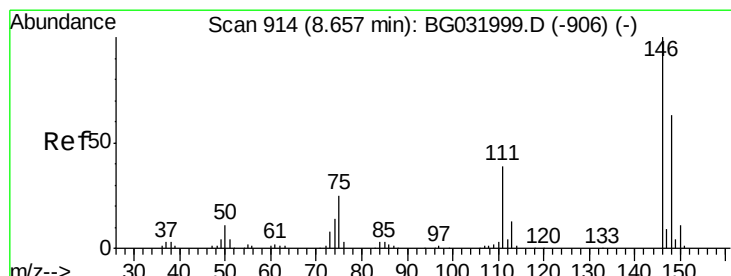
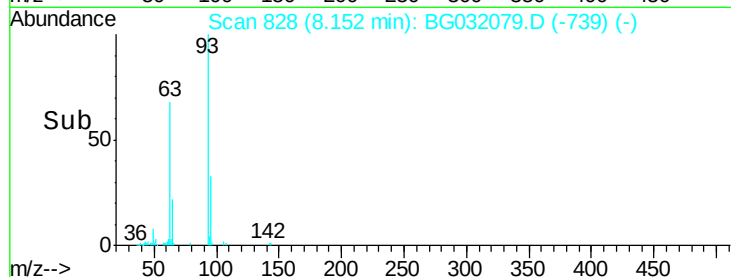
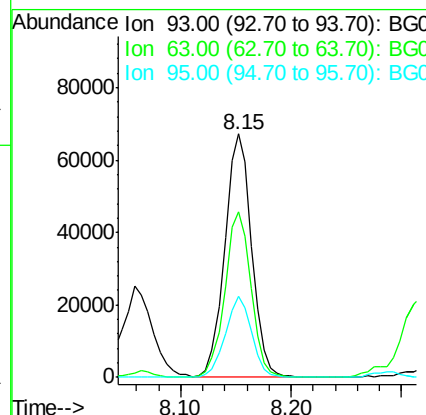
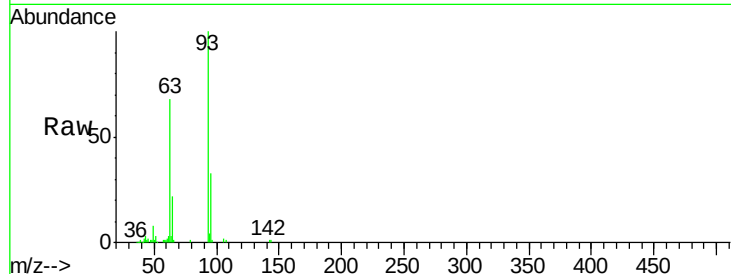
#11
bis(2-Chloroethyl)ether
Concen: 43.051 ng
RT: 8.15 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG032079.D
Acq: 16 Jan 2018 21:08

Instrument :
BNA_G
ClientSampleId :
OK-02-011218MSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	68.2	67.1	107.1
95	33.2	11.5	51.5

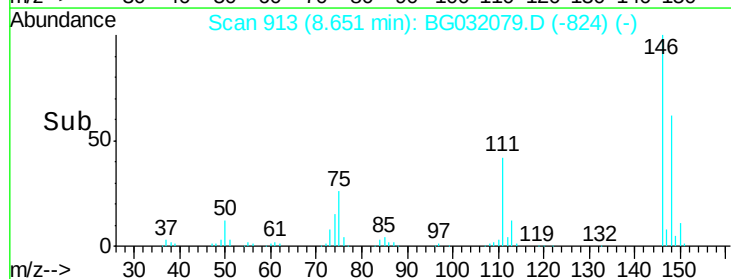
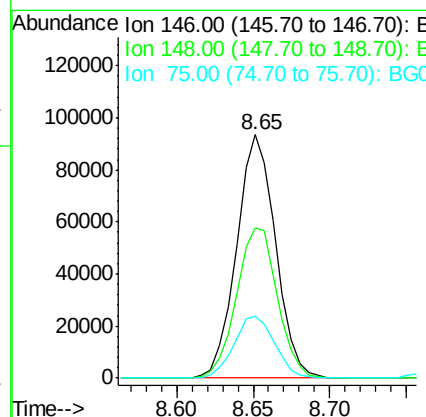
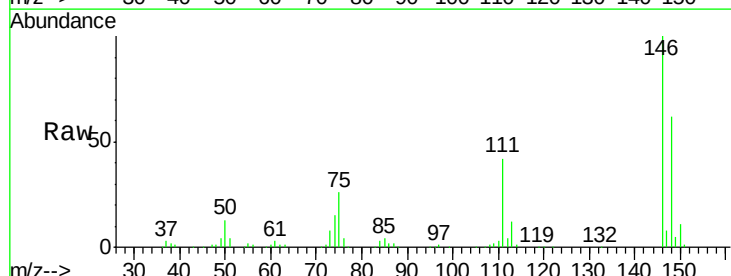
Manual Integrations
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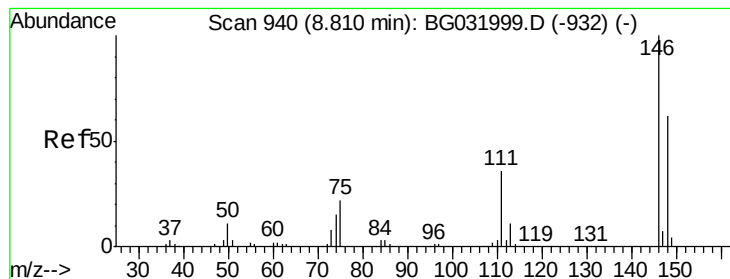
Sohil
1/17/2018 10:43:12 AM



#12
1,3-Dichlorobenzene
Concen: 42.404 ng m
RT: 8.65 min Scan# 913
Delta R.T. -0.01 min
Lab File: BG032079.D
Acq: 16 Jan 2018 21:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.9	51.4	77.2
75	25.7	26.6	39.8#





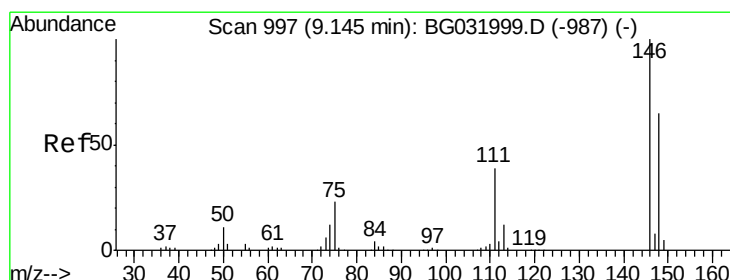
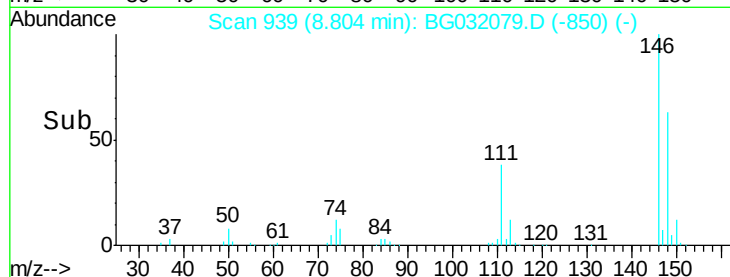
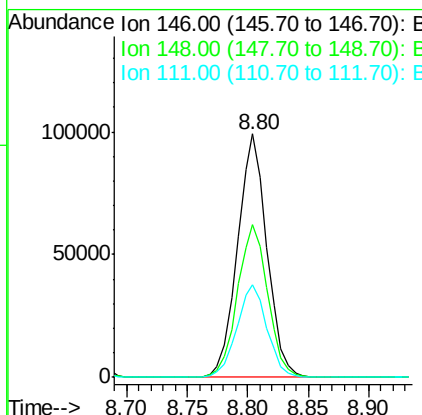
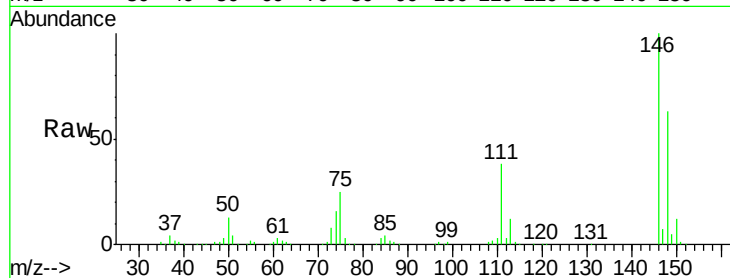
#13
 1,4-Dichlorobenzene
 Concen: 42.842 ng
 RT: 8.80 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: BG032079.D
 Acq: 16 Jan 2018 21:08

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-011218MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	53.7	80.5
111	38.2	35.2	52.8

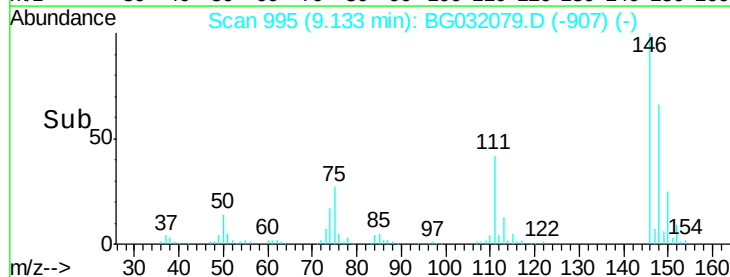
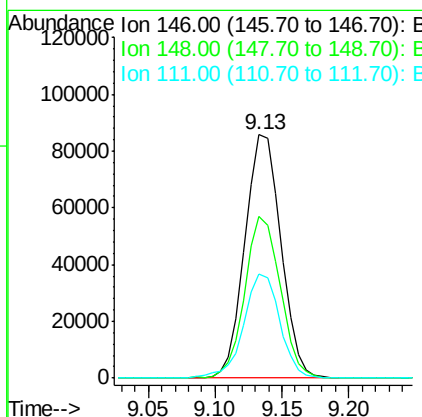
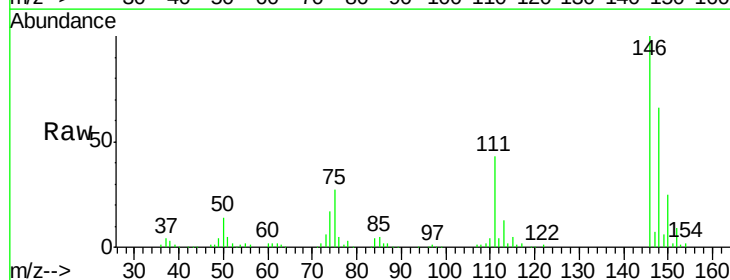
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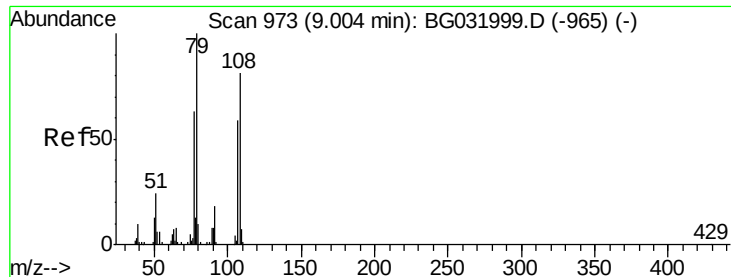
Sohil
 1/17/2018 10:43:12 AM



#14
 1,2-Dichlorobenzene
 Concen: 42.102 ng
 RT: 9.13 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BG032079.D
 Acq: 16 Jan 2018 21:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.3	49.3	73.9
111	42.5	34.3	51.5





#15

Benzyl Alcohol

Concen: 47.278 ng

RT: 9.00 min Scan# 972

Delta R.T. -0.01 min

Lab File: BG032079.D

Acq: 16 Jan 2018 21:08

Instrument :

BNA_G

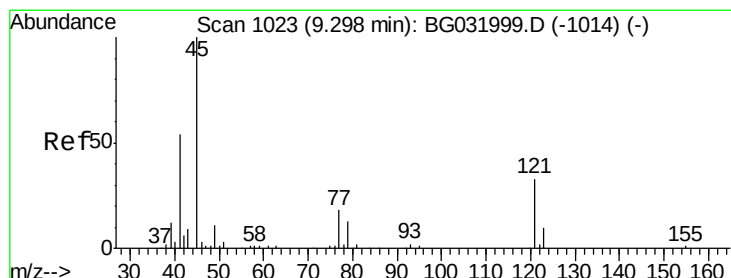
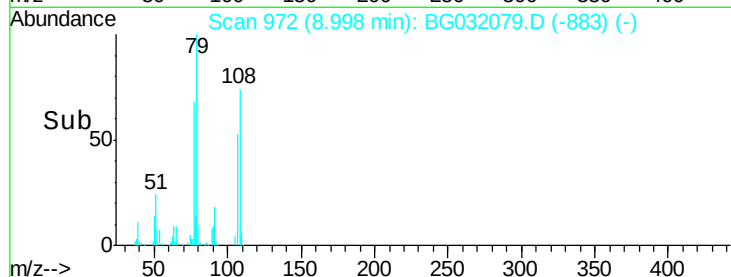
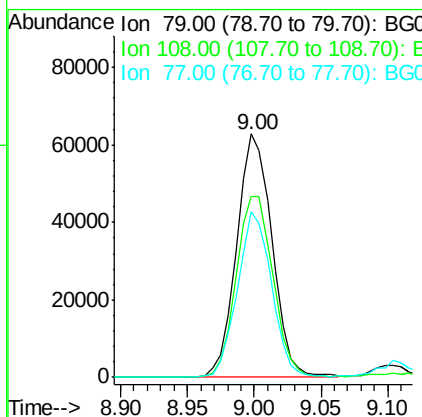
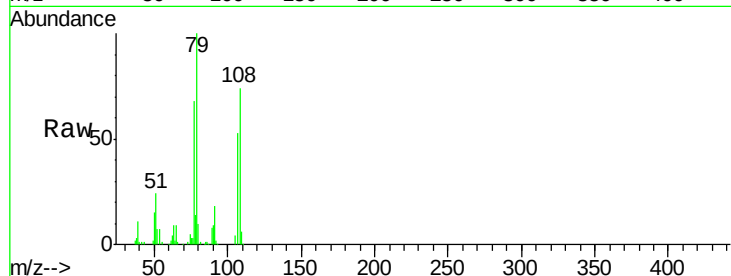
ClientSampleId :

OK-02-011218MSD

Tgt Ion:	79	Resp:	115222
Ion Ratio	Lower	Upper	
79	100		
108	74.4	57.2	85.8
77	68.0	46.1	69.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.890 ng

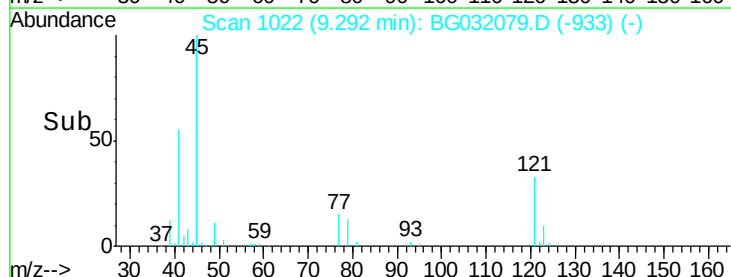
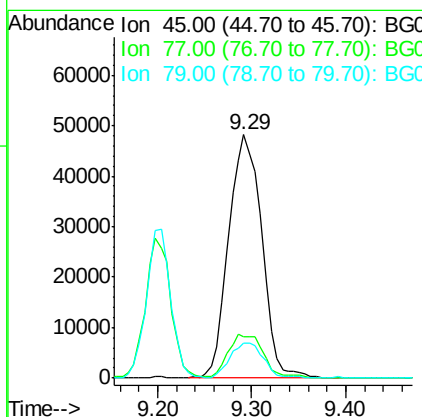
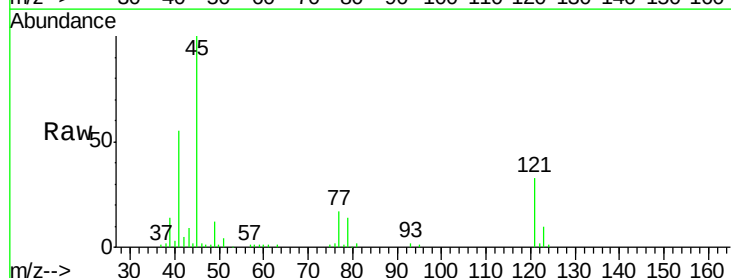
RT: 9.29 min Scan# 1022

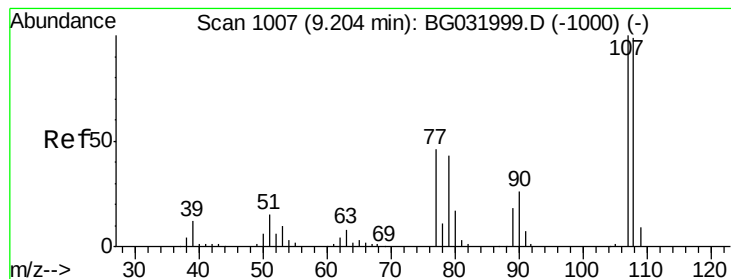
Delta R.T. -0.01 min

Lab File: BG032079.D

Acq: 16 Jan 2018 21:08

Tgt Ion:	45	Resp:	118095
Ion Ratio	Lower	Upper	
45	100		
77	16.9	0.0	30.2
79	14.2	0.0	27.9





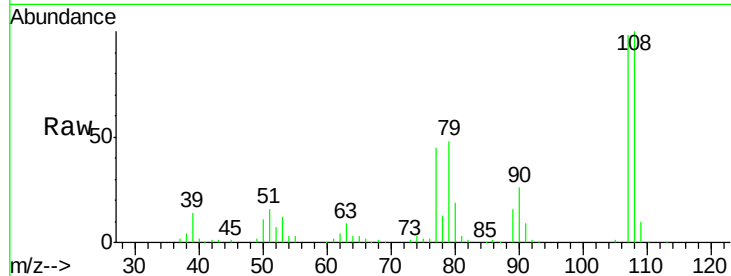
#17
2-Methylphenol
Concen: 43.409 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG032079.D
Acq: 16 Jan 2018 21:08

Instrument :
BNA_G
ClientSampleId :
OK-02-011218MSD

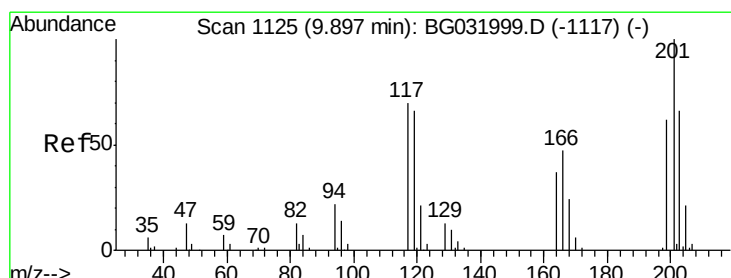
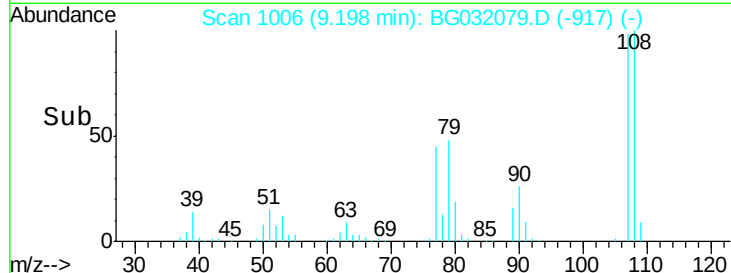
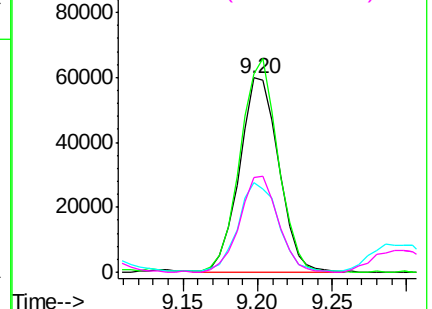
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	109632		
108	108	101.9	83.9	125.9	
77	77	46.3	37.2	55.8	
79	79	49.1	36.2	54.2	

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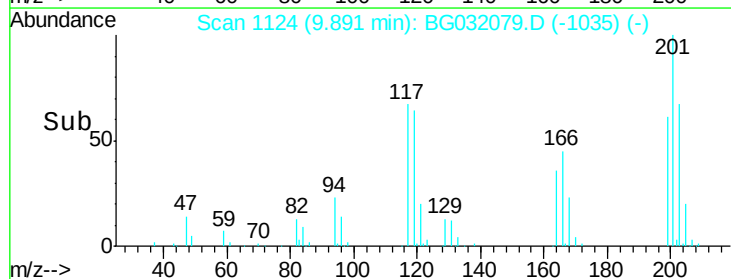
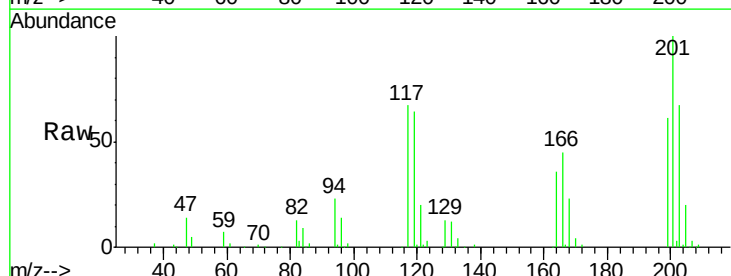
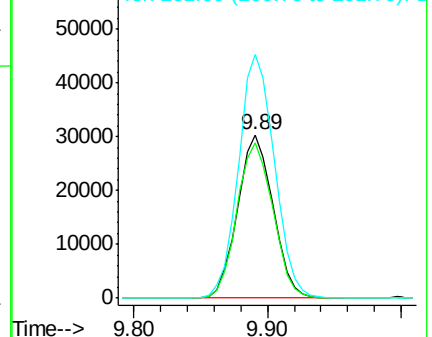
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

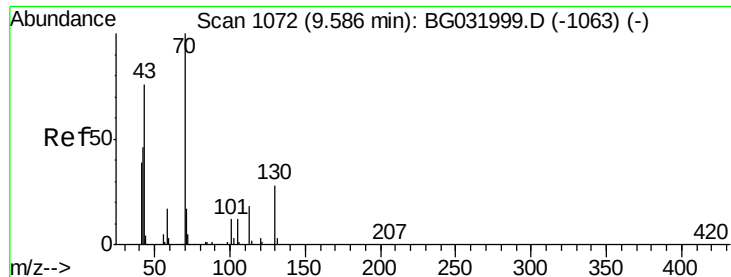


#18
Hexachloroethane
Concen: 46.272 ng
RT: 9.89 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BG032079.D
Acq: 16 Jan 2018 21:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100	55858		
119	119	94.9	76.7	115.1	
201	201	149.1	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





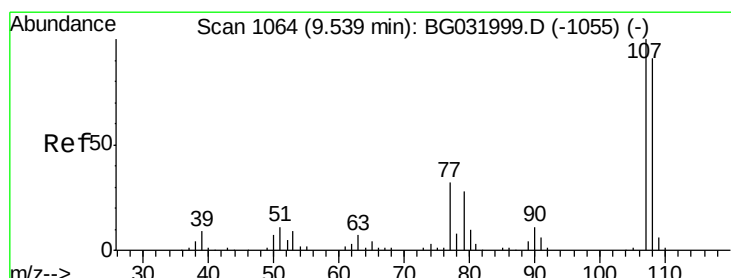
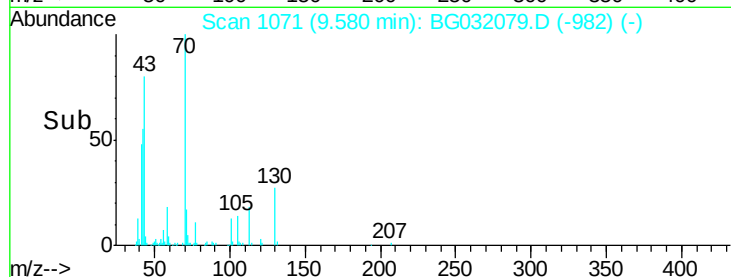
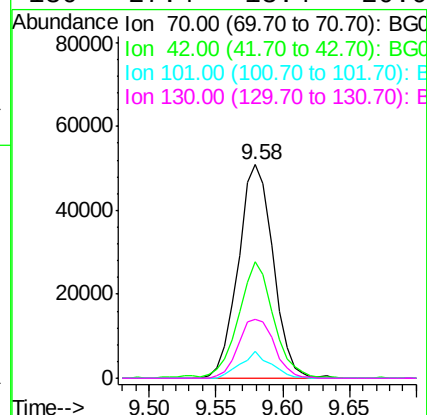
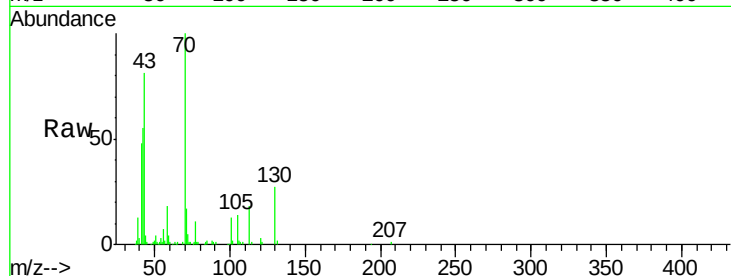
#19
n-Nitroso-di-n-propylamine
Concen: 44.255 ng
RT: 9.58 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BG032079.D
Acq: 16 Jan 2018 21:08

Instrument :
BNA_G
ClientSampleId :
OK-02-011218MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	54.8	49.1	73.7
101	12.5	8.5	12.7
130	27.4	13.4	20.0

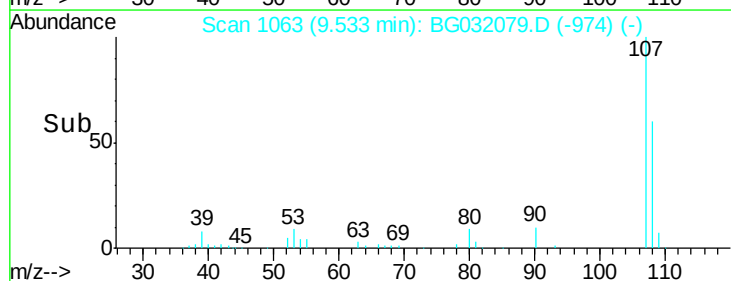
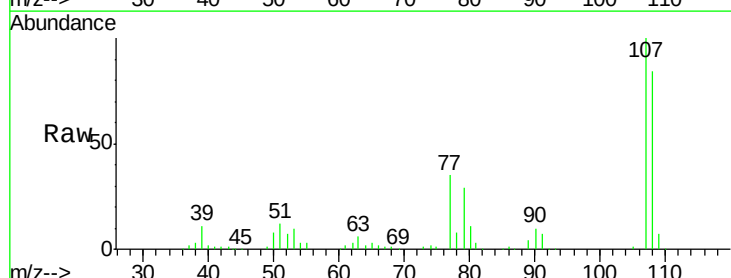
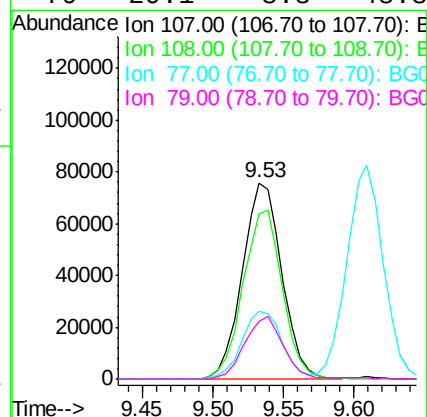
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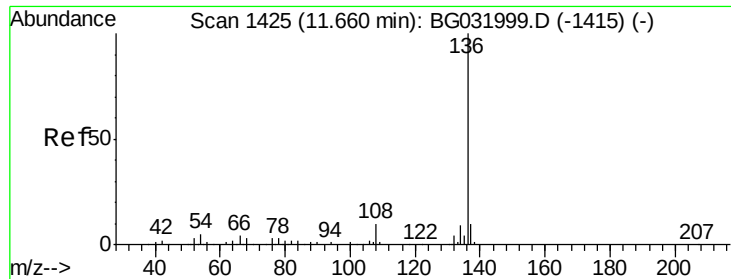
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#20
3+4-Methylphenols
Concen: 42.502 ng
RT: 9.53 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG032079.D
Acq: 16 Jan 2018 21:08

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.0	61.6	101.6
77	34.6	13.9	53.9
79	29.1	8.8	48.8





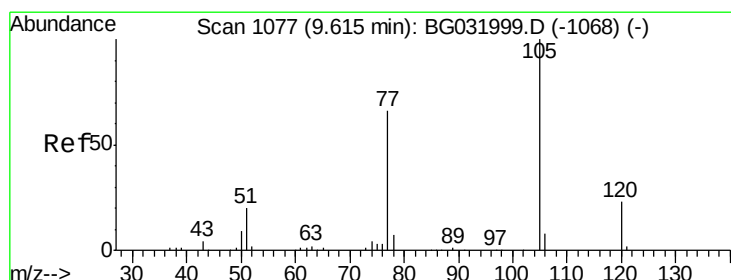
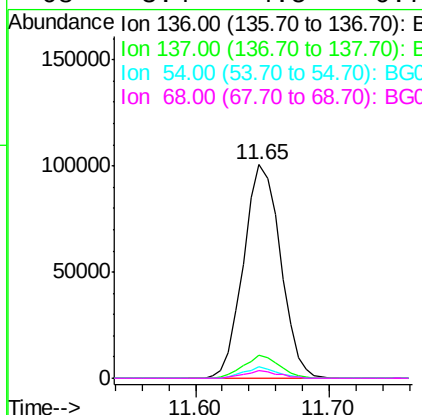
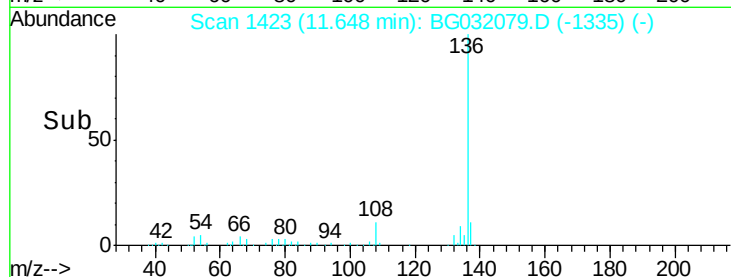
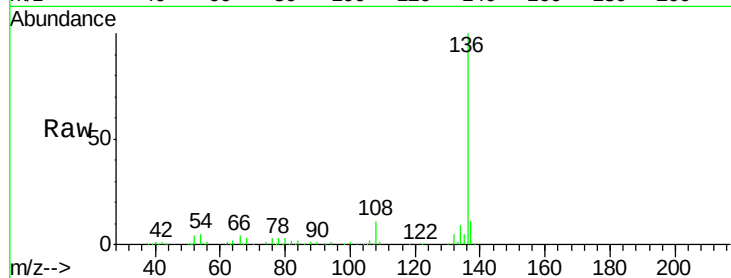
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.65 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BG032079.D
Acq: 16 Jan 2018 21:08

Instrument :
BNA_G
ClientSampleId :
OK-02-011218MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	192407		
137	10.8	9.2	13.8	
54	5.3	10.3	15.5#	
68	3.4	4.5	6.7#	

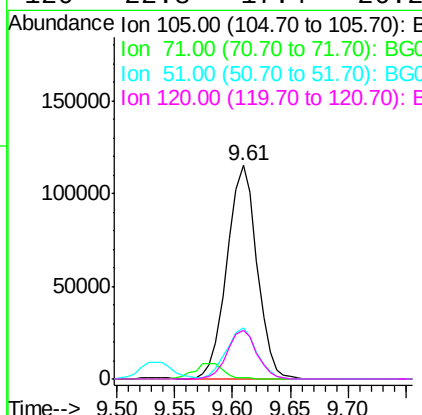
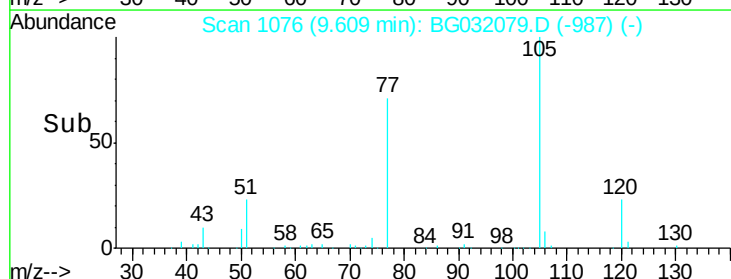
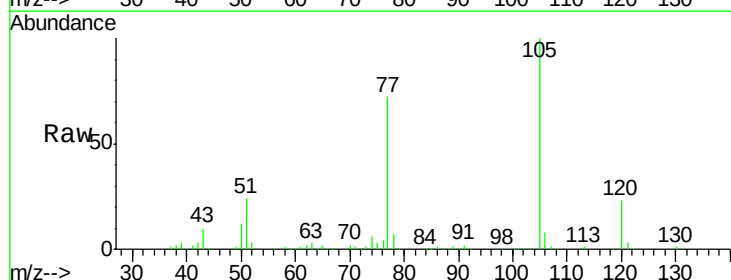
Manual Integrations
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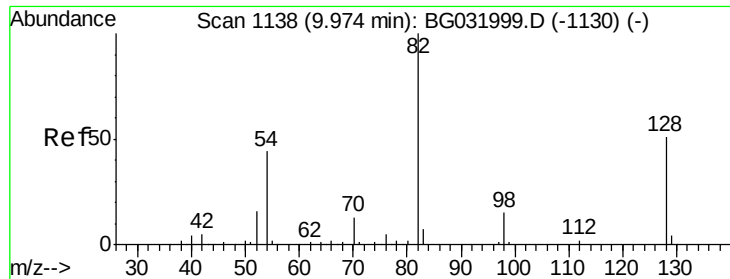
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#22
Acetophenone
Concen: 47.486 ng
RT: 9.61 min Scan# 1076
Delta R.T. -0.01 min
Lab File: BG032079.D
Acq: 16 Jan 2018 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	207538		
71	0.5	3.0	4.4#	
51	23.7	26.1	39.1#	
120	22.8	17.4	26.2	





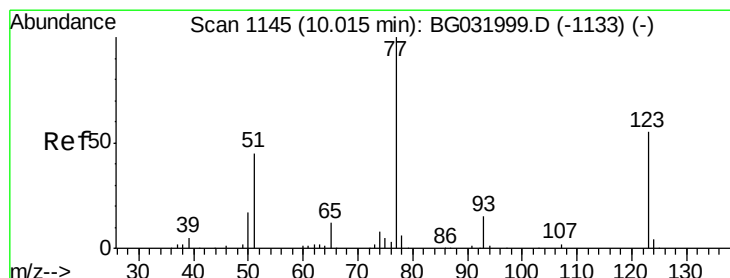
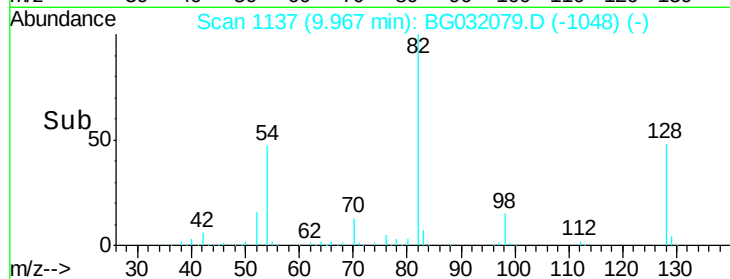
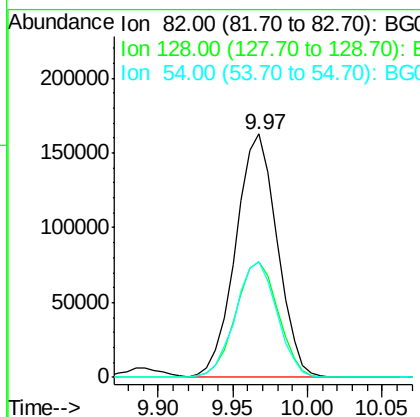
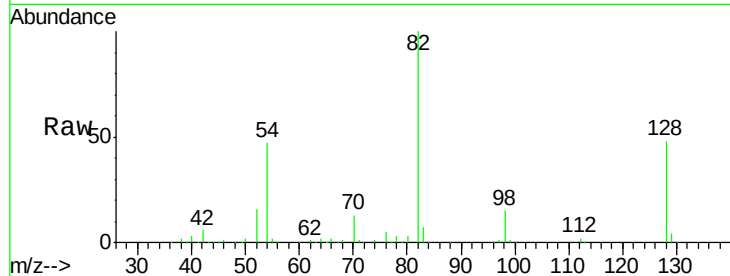
#23
 Nitrobenzene-d5
 Concen: 110.236 ng
 RT: 9.97 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: BG032079.D
 Acq: 16 Jan 2018 21:08

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-011218MSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	313509		
128	47.7	29.7	44.5#	
54	47.2	43.1	64.7	

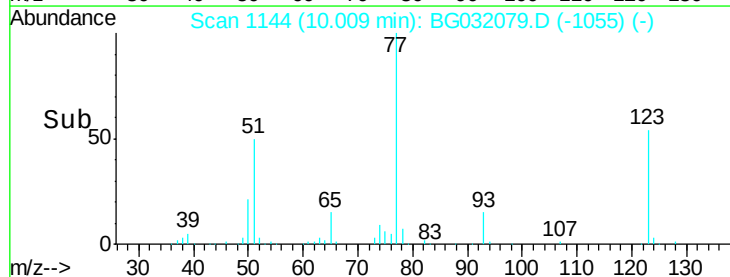
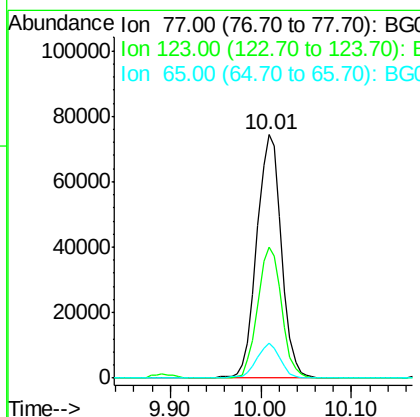
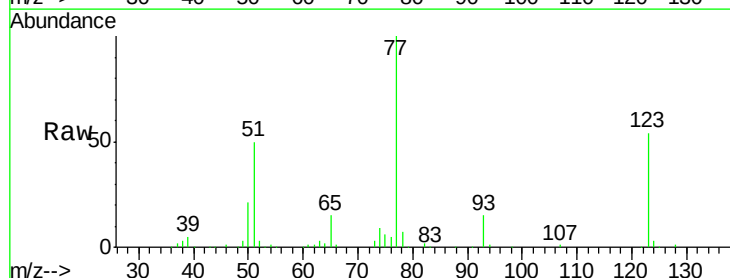
Manual Integrations
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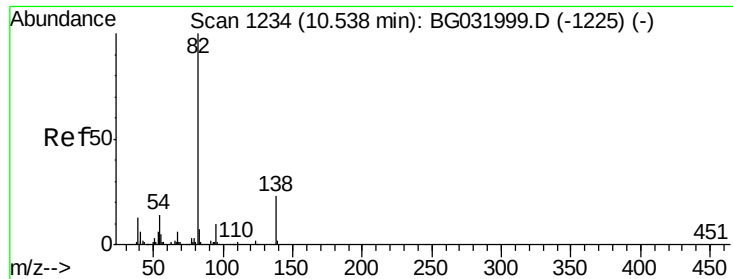
Sohil
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#24
 Nitrobenzene
 Concen: 49.383 ng
 RT: 10.01 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BG032079.D
 Acq: 16 Jan 2018 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	140091		
123	54.0	33.0	49.6#	
65	14.6	13.0	19.6	





#25

Isophorone

Concen: 48.588 ng

RT: 10.53 min Scan# 1233

Delta R.T. -0.01 min

Lab File: BG032079.D

Acq: 16 Jan 2018 21:08

Instrument :

BNA_G

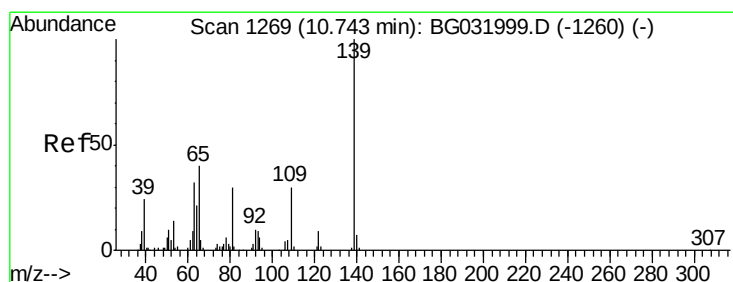
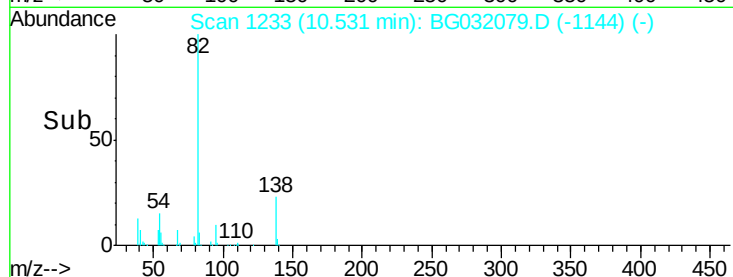
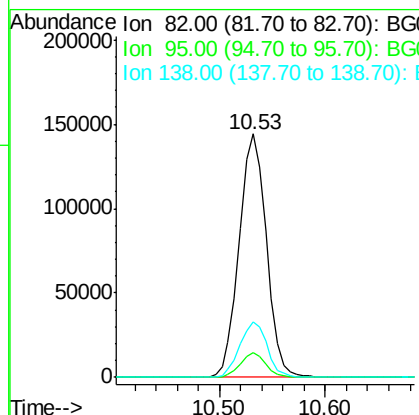
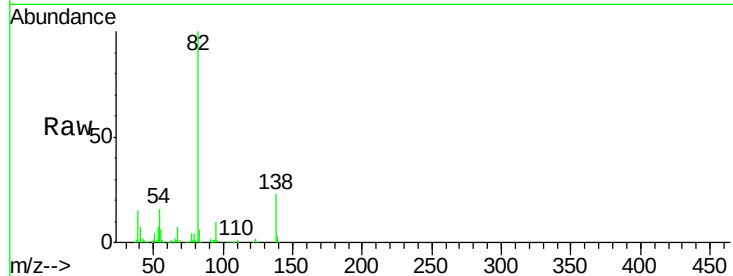
ClientSampleId :

OK-02-011218MSD

Tgt Ion:	82	Resp:	257304
Ion Ratio		Lower	Upper
82	100		
95	10.3	6.2	9.2#
138	22.9	12.1	18.1#

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#26

2-Nitrophenol

Concen: 50.415 ng

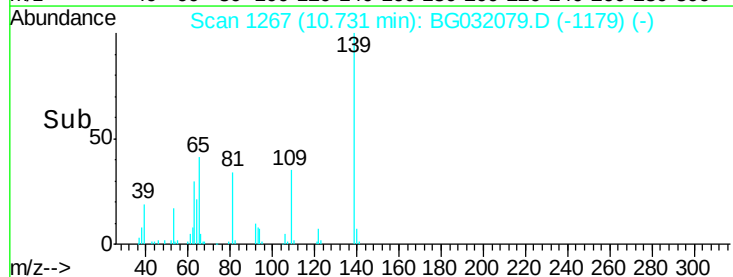
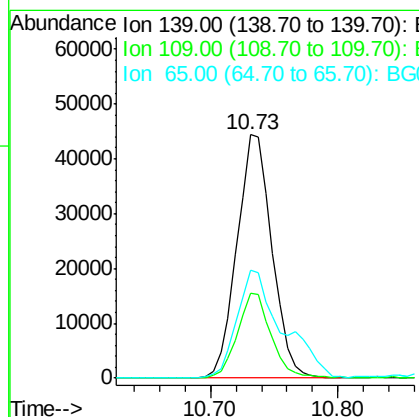
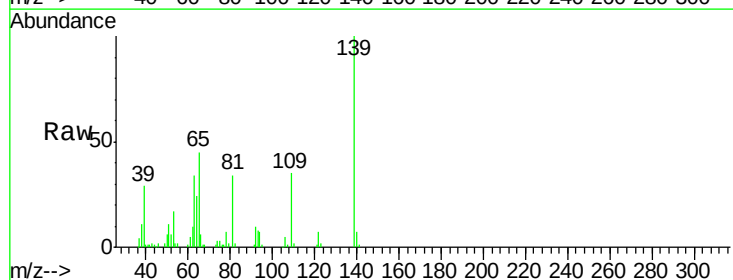
RT: 10.73 min Scan# 1267

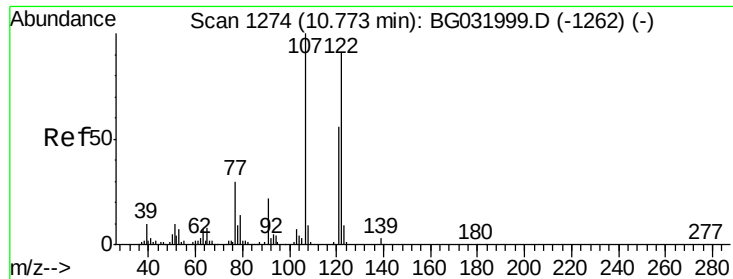
Delta R.T. -0.01 min

Lab File: BG032079.D

Acq: 16 Jan 2018 21:08

Tgt Ion:	139	Resp:	84743
Ion Ratio		Lower	Upper
139	100		
109	34.7	24.2	36.2
65	44.5	47.4	71.0#





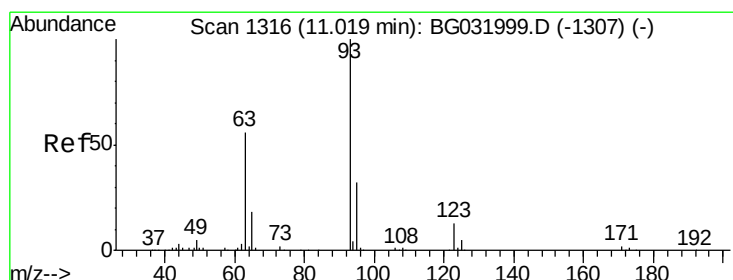
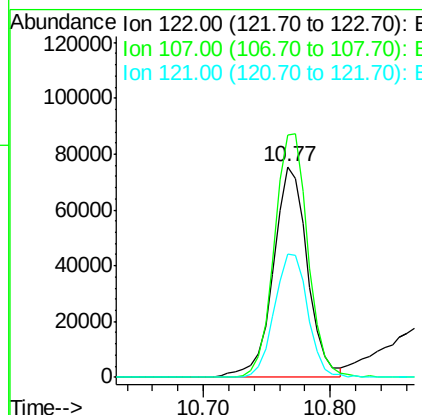
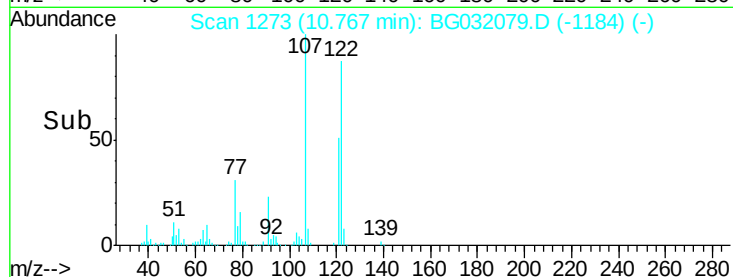
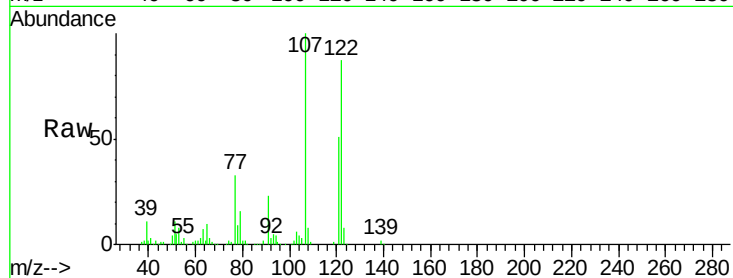
#27
2,4-Dimethylphenol
Concen: 52.904 ng
RT: 10.77 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BG032079.D
Acq: 16 Jan 2018 21:08

Instrument :
BNA_G
ClientSampleId :
OK-02-011218MSD

Tgt Ion	Ratio	Lower	Upper
122	100		
107	114.8	100.2	150.2
121	58.7	44.4	66.6

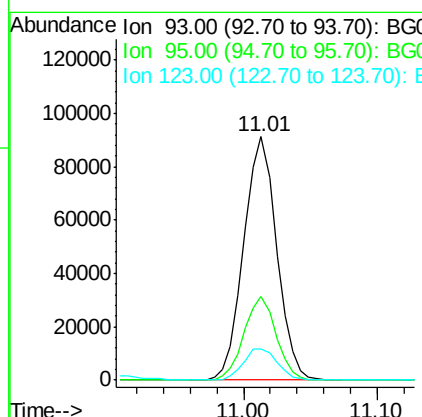
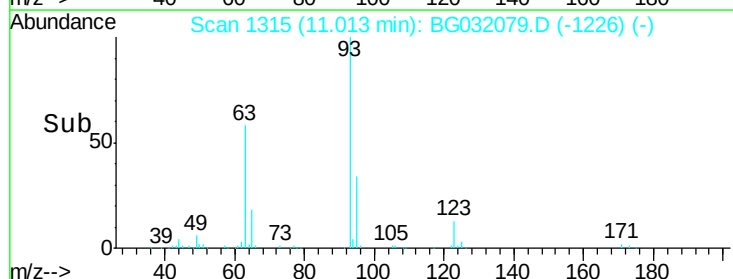
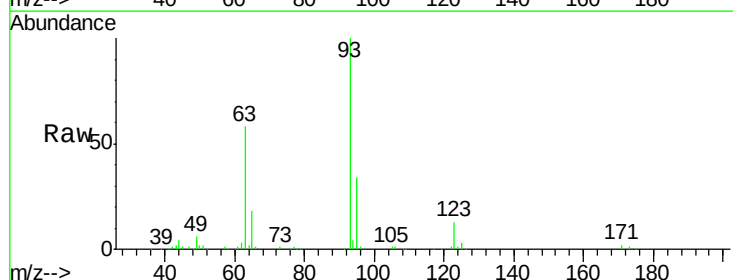
Manual Integrations
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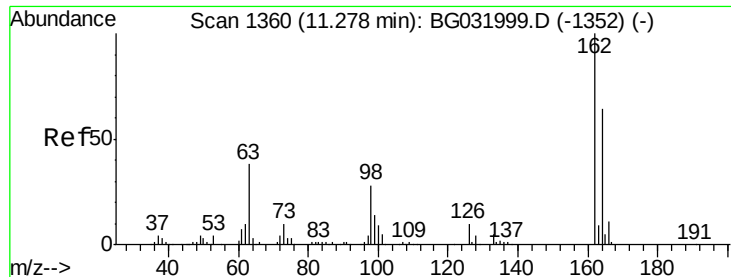
Sohil
1/17/2018 10:43:12 AM



#28
bis(2-Chloroethoxy)methane
Concen: 48.732 ng
RT: 11.01 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG032079.D
Acq: 16 Jan 2018 21:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.2	24.3	36.5
123	12.8	8.4	12.6





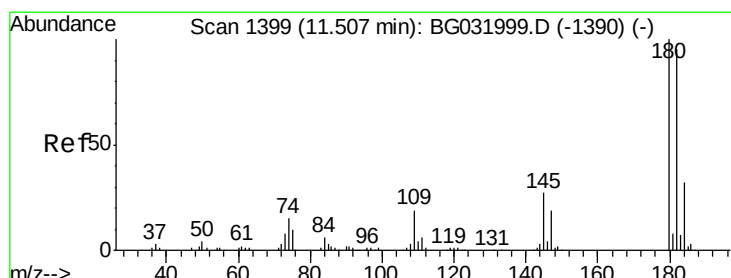
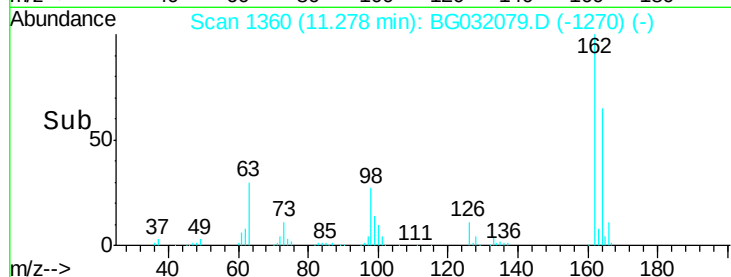
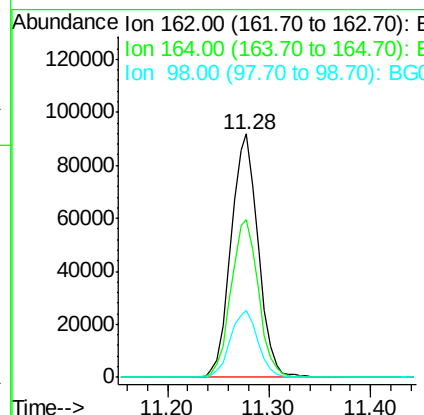
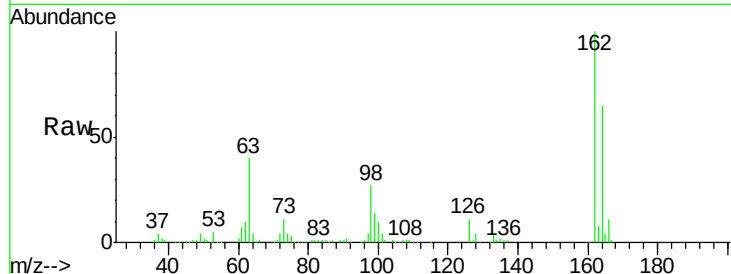
#29
2,4-Dichlorophenol
Concen: 51.888 ng
RT: 11.28 min Scan# 1360
Delta R.T. -0.00 min
Lab File: BG032079.D
Acq: 16 Jan 2018 21:08

Instrument :
BNA_G
ClientSampleId :
OK-02-011218MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	170306		
164	64.8	48.0	88.0	
98	27.4	21.1	61.1	

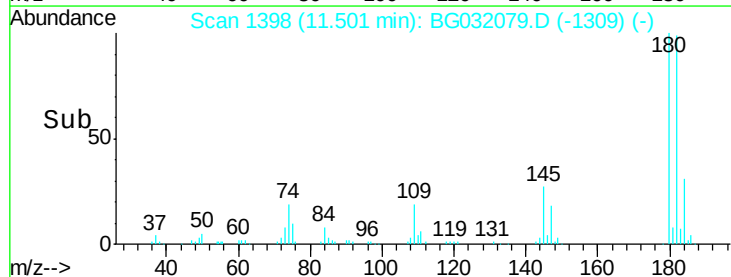
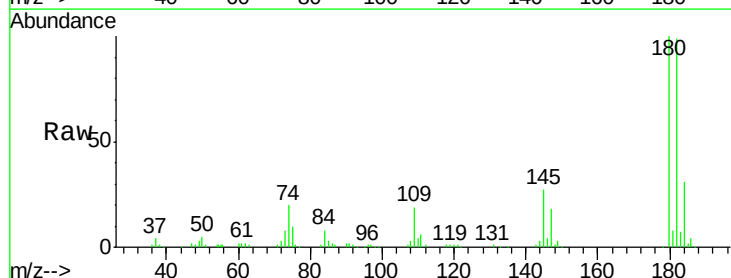
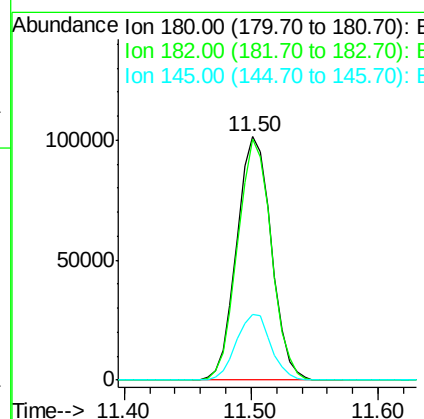
Manual Integrations
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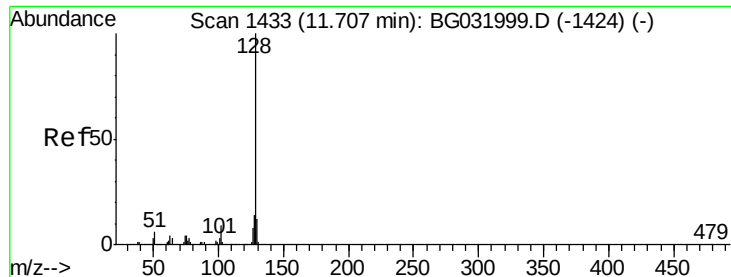
Sohil
1/17/2018 10:43:12 AM



#30
1,2,4-Trichlorobenzene
Concen: 45.083 ng
RT: 11.50 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BG032079.D
Acq: 16 Jan 2018 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	191100		
182	99.0	77.5	116.3	
145	27.2	23.4	35.2	





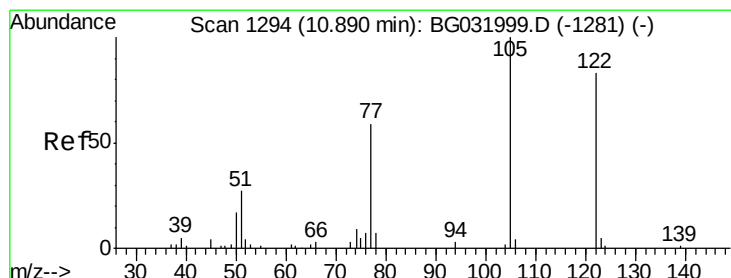
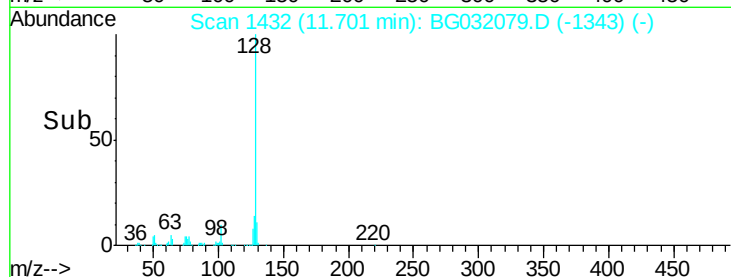
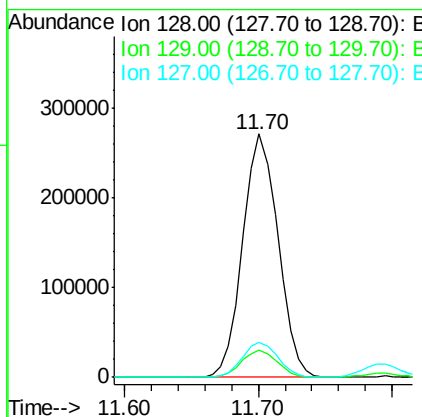
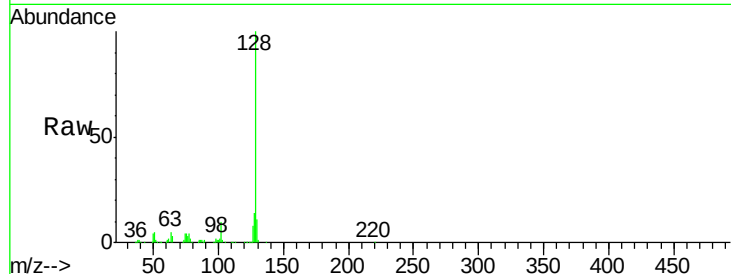
#31
Naphthalene
Concen: 52.068 ng
RT: 11.70 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BG032079.D
Acq: 16 Jan 2018 21:08

Instrument :
BNA_G
ClientSampleId :
OK-02-011218MSD

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	12.8
127	14.2	11.6	17.4

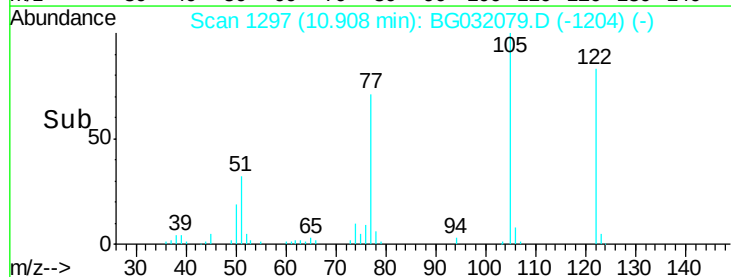
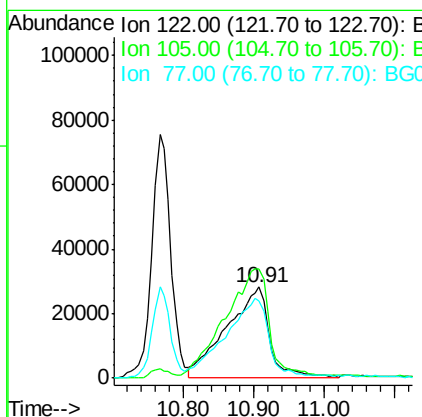
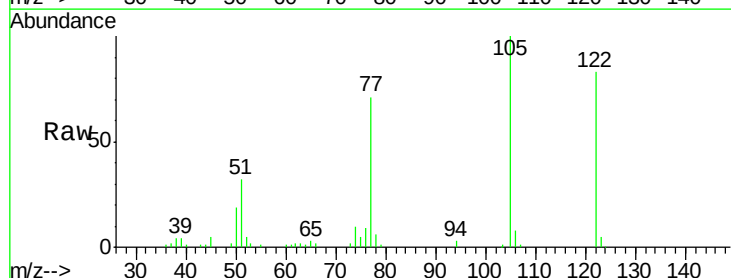
Manual Integrations
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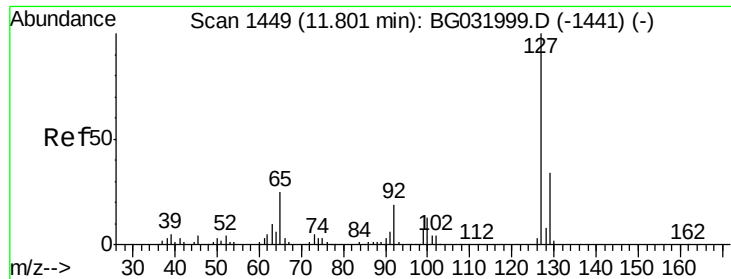
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#32
Benzoic acid
Concen: 55.337 ng
RT: 10.91 min Scan# 1297
Delta R.T. 0.02 min
Lab File: BG032079.D
Acq: 16 Jan 2018 21:08

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.8	123.5	163.5#
77	85.3	85.7	125.7#





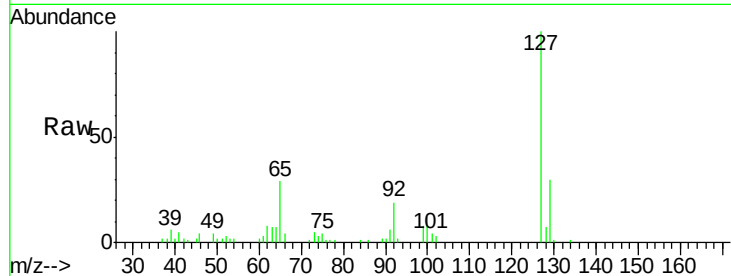
#33
 4-Chloroaniline
 Concen: 7.288 ng
 RT: 11.79 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BG032079.D
 Acq: 16 Jan 2018 21:08

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-011218MSD

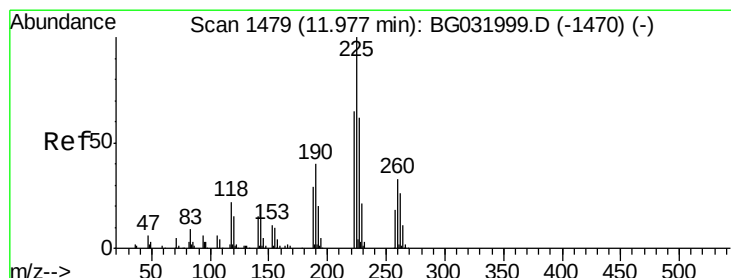
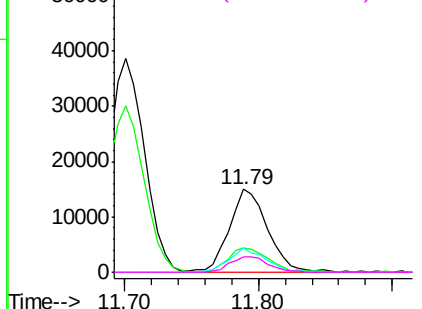
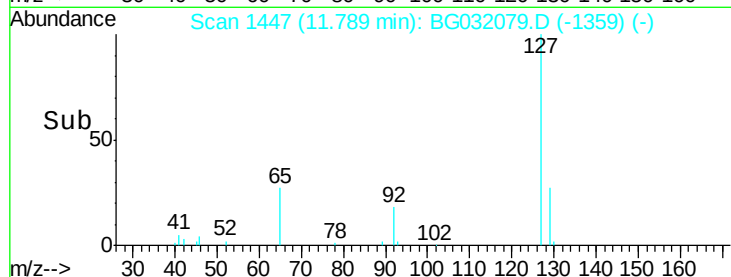
Tgt Ion	Ratio	Lower	Upper
127	100		
129	29.8	24.0	36.0
65	28.9	27.0	40.4
92	19.0	16.6	25.0

Manual Integrations
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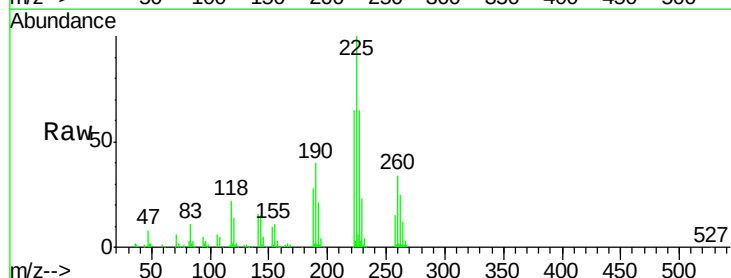


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BG
 Ion 92.00 (91.70 to 92.70): BG

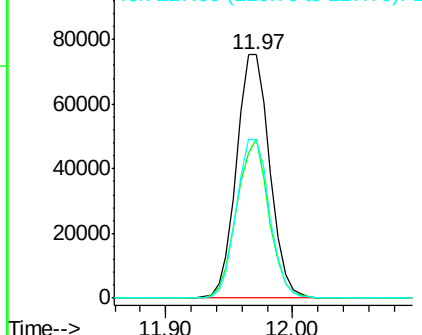
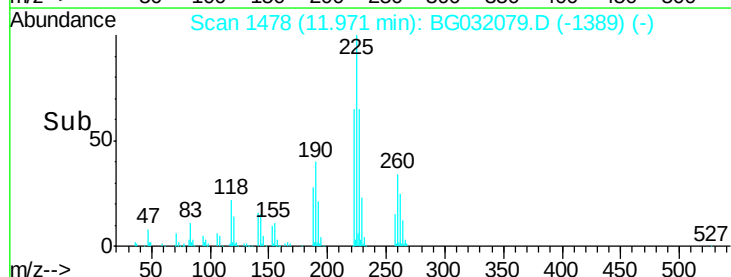


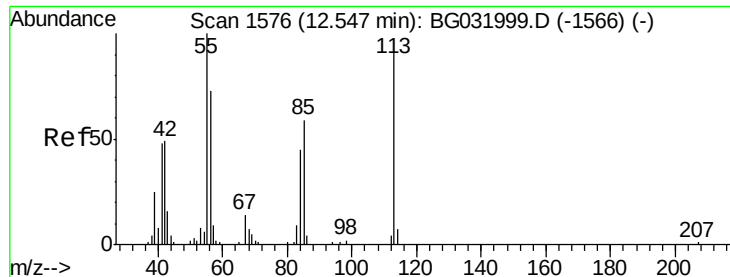
#34
 Hexachlorobutadiene
 Concen: 44.934 ng
 RT: 11.97 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BG032079.D
 Acq: 16 Jan 2018 21:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.3	49.7	74.5
227	64.8	48.1	72.1



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





#35

Caprolactam

Concen: 42.460 ng

RT: 12.55 min Scan# 1576

Delta R.T. -0.00 min

Lab File: BG032079.D

Acq: 16 Jan 2018 21:08

Instrument :

BNA_G

ClientSampleId :

OK-02-011218MSD

Tgt Ion:113 Resp: 42279

Ion Ratio Lower Upper

113 100

55 109.4 186.9 226.9#

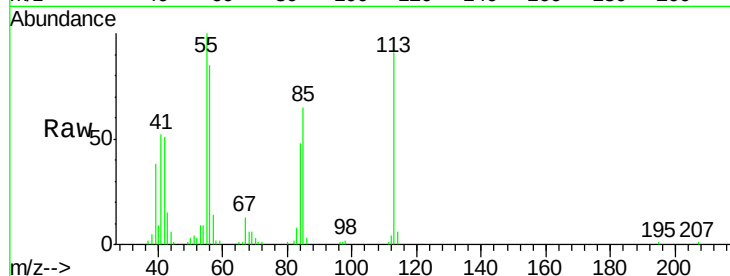
56 92.9 130.9 170.9#

Manual Integrations

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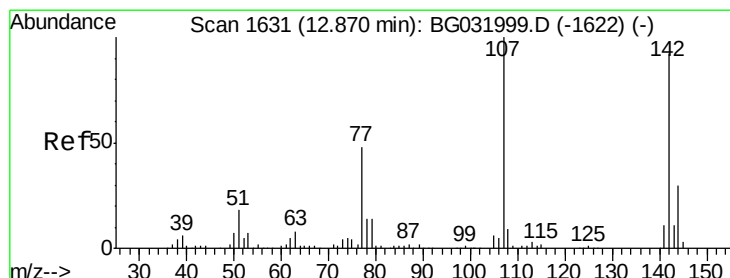
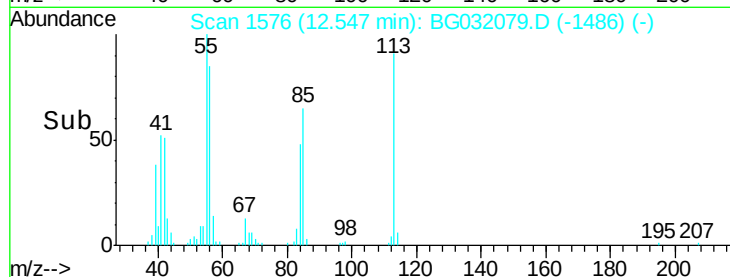
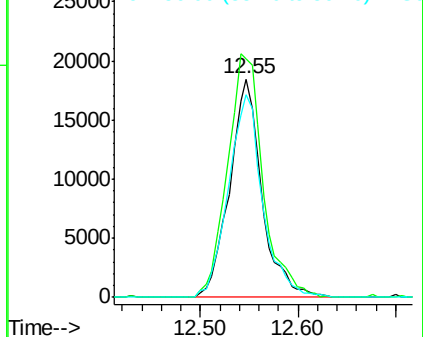
1/17/2018 10:43:12 AM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 52.645 ng

RT: 12.86 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BG032079.D

Acq: 16 Jan 2018 21:08

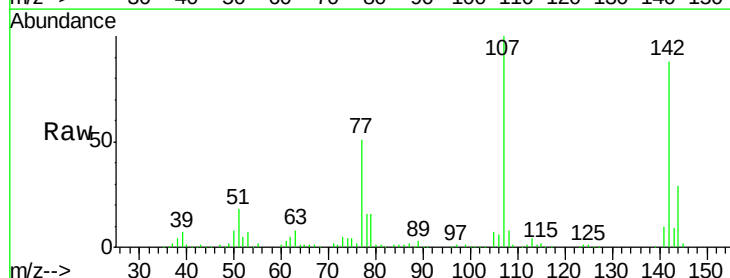
Tgt Ion:107 Resp: 158158

Ion Ratio Lower Upper

107 100

144 28.8 18.2 27.4#

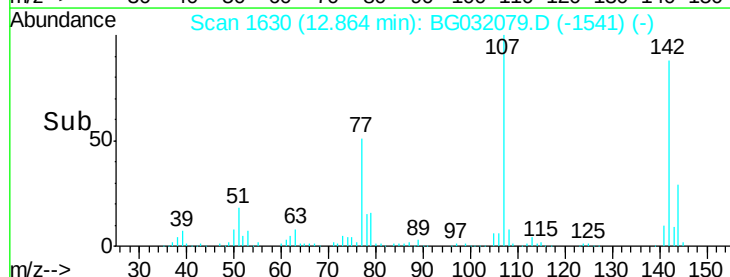
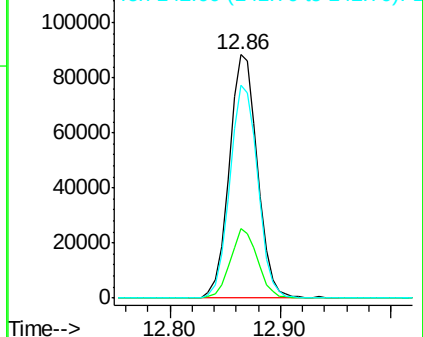
142 87.7 59.0 88.4

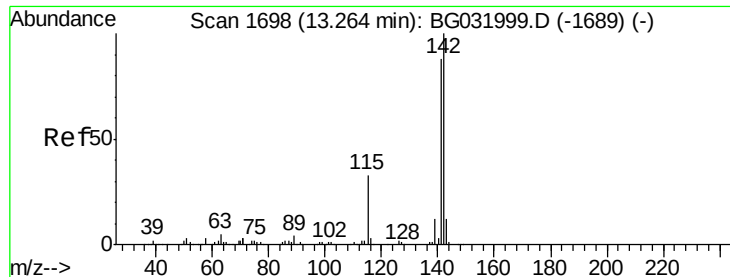


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





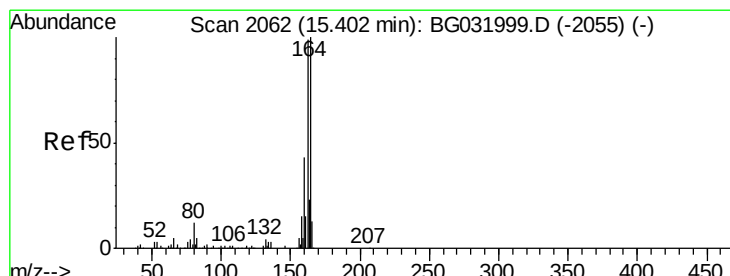
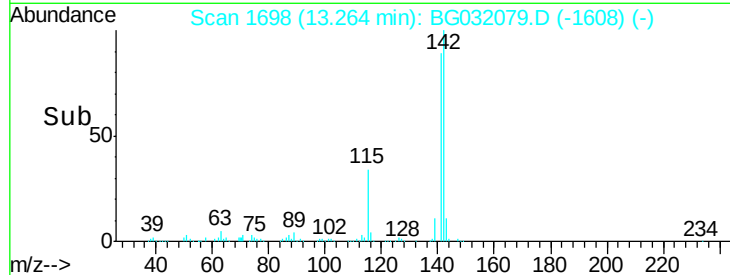
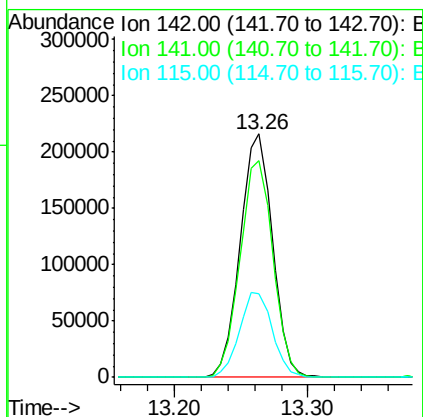
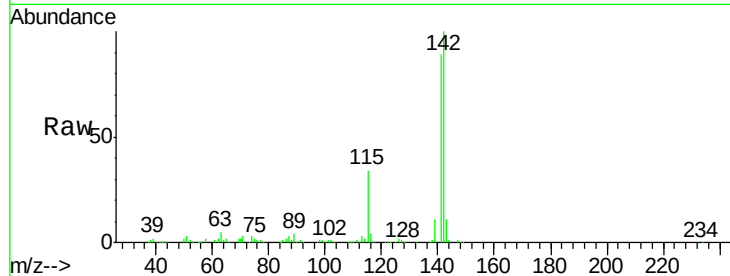
#37
 2-Methylnaphthalene
 Concen: 47.769 ng
 RT: 13.26 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: BG032079.D
 Acq: 16 Jan 2018 21:08

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-011218MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.2	67.1	100.7
115	34.2	30.7	46.1

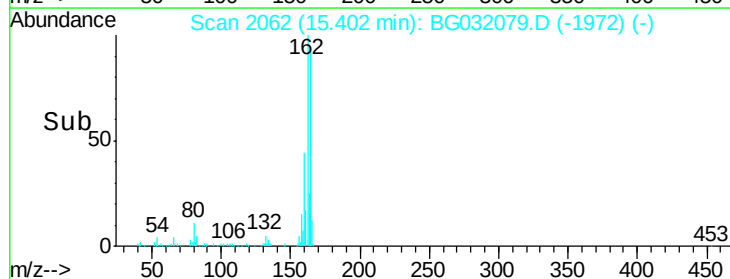
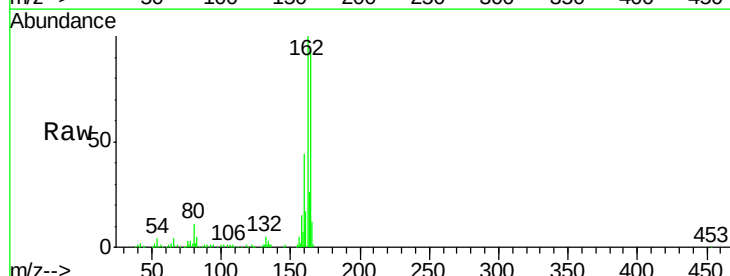
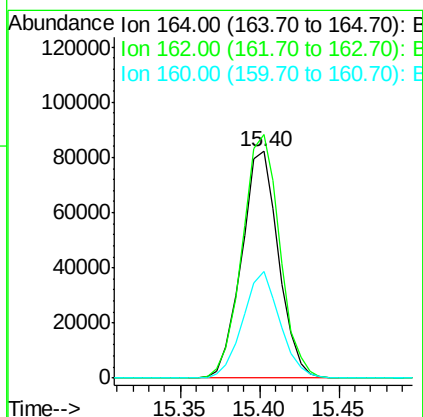
Manual Integrations
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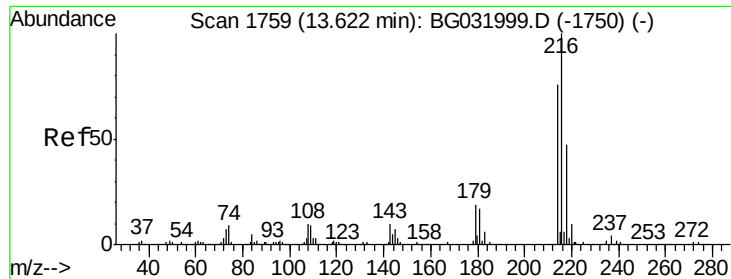
Sohil
 1/17/2018 10:43:12 AM



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.40 min Scan# 2062
 Delta R.T. -0.00 min
 Lab File: BG032079.D
 Acq: 16 Jan 2018 21:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.4	78.8	118.2
160	46.9	35.4	53.0





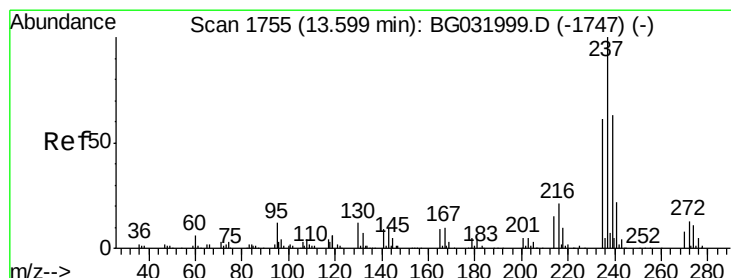
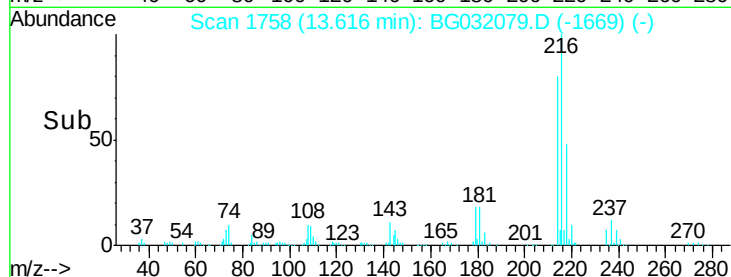
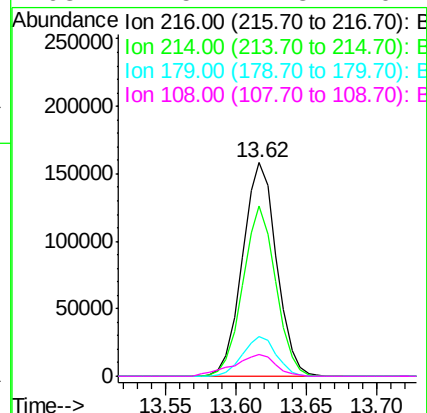
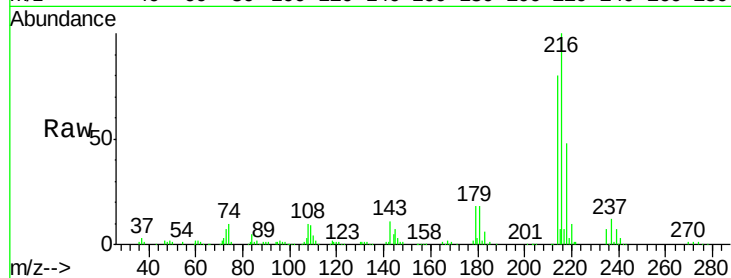
#39
1,2,4,5-Tetrachlorobenzene
Concen: 45.936 ng
RT: 13.62 min Scan# 1758
Delta R.T. -0.01 min
Lab File: BG032079.D
Acq: 16 Jan 2018 21:08

Instrument :
BNA_G
ClientSampleId :
OK-02-011218MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
216	100		
214	77.1	63.0	94.4
179	18.3	17.0	25.6
108	12.5	12.8	19.2

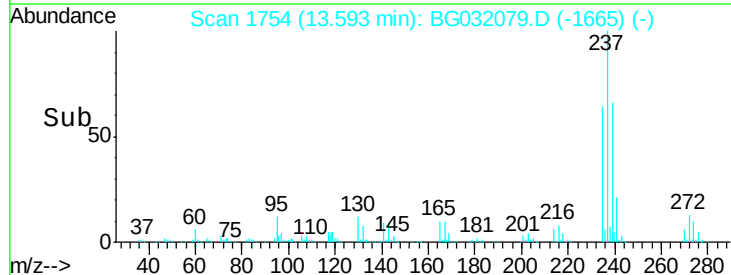
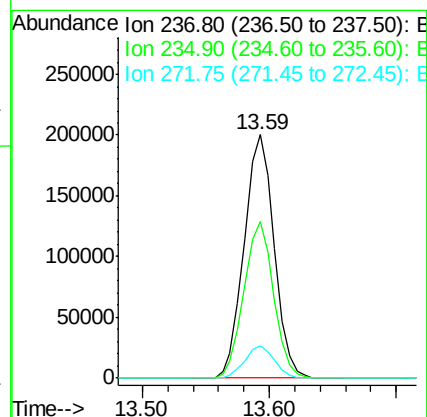
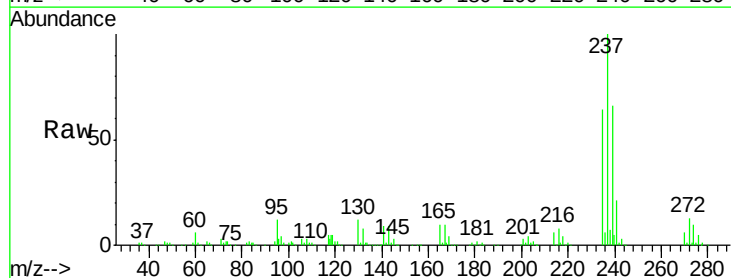
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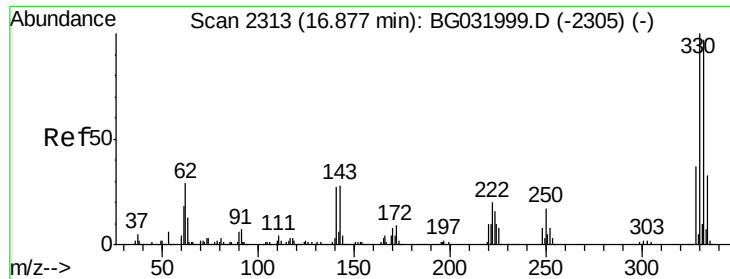
Sohil
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#40
Hexachlorocyclopentadiene
Concen: 100.428 ng
RT: 13.59 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BG032079.D
Acq: 16 Jan 2018 21:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	64.5	50.4	90.4
272	13.4	0.0	31.8





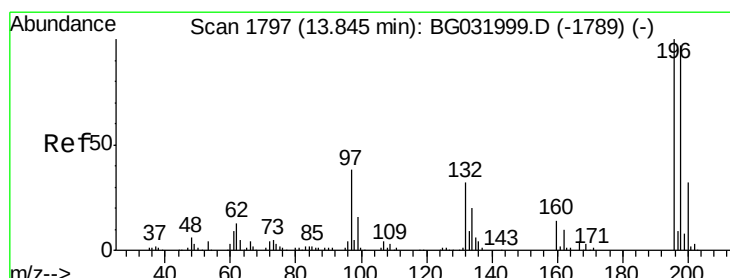
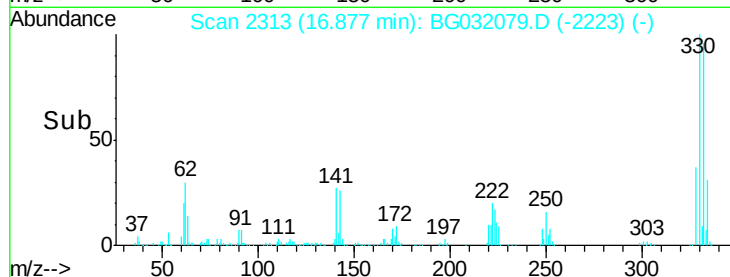
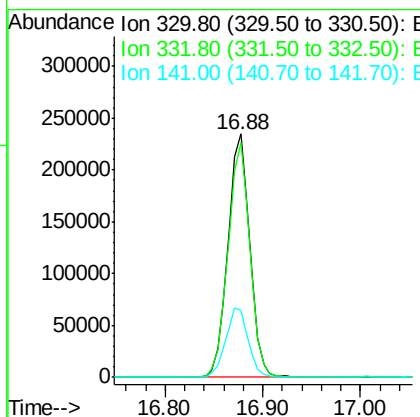
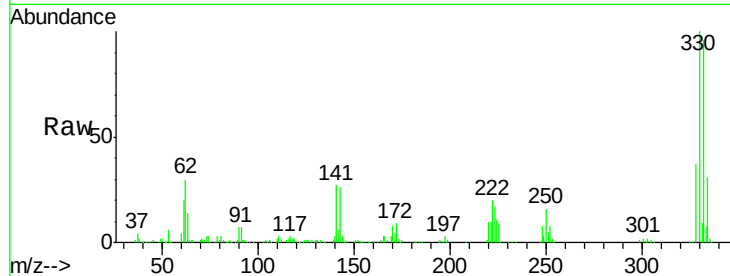
#41
 2,4,6-Tribromophenol
 Concen: 165.407 ng
 RT: 16.88 min Scan# 2313
 Delta R.T. -0.00 min
 Lab File: BG032079.D
 Acq: 16 Jan 2018 21:08

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-011218MSD

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	29.2	25.2	37.8

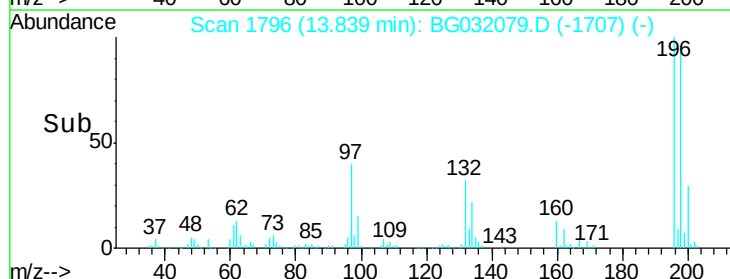
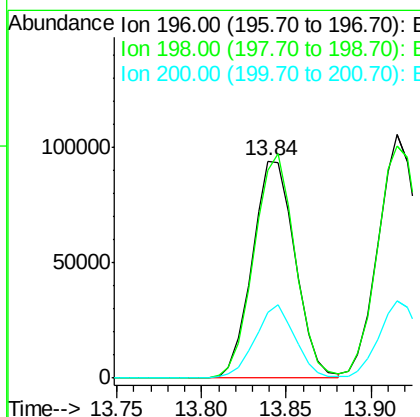
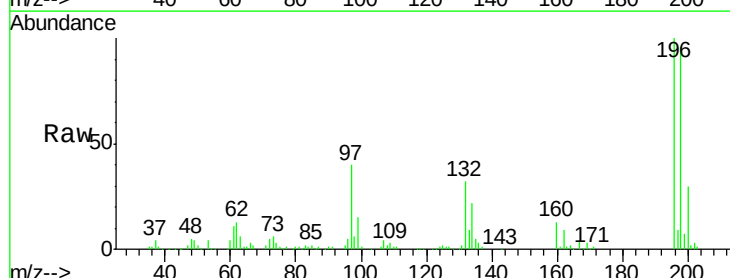
Manual Integrations
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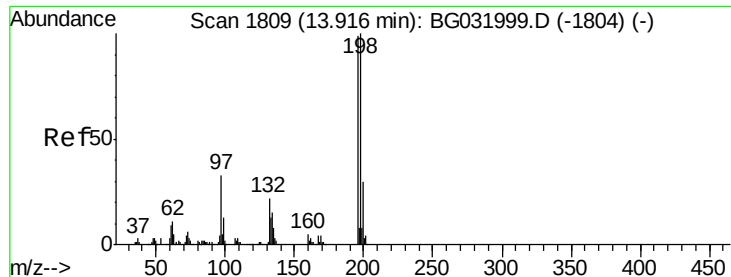
Sohil
 1/17/2018 10:43:12 AM



#42
 2,4,6-Trichlorophenol
 Concen: 50.761 ng
 RT: 13.84 min Scan# 1796
 Delta R.T. -0.01 min
 Lab File: BG032079.D
 Acq: 16 Jan 2018 21:08

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.9	78.2	117.2
200	30.1	24.6	36.8





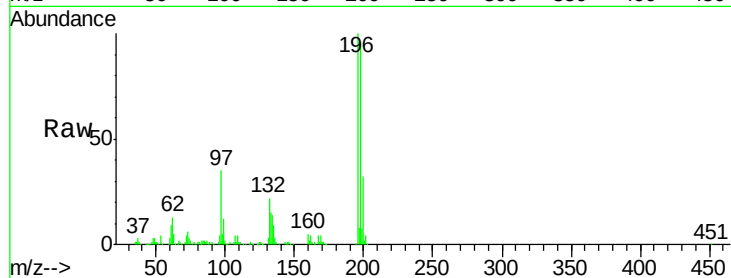
#43
2,4,5-Trichlorophenol
Concen: 48.154 ng
RT: 13.92 min Scan# 1809
Delta R.T. -0.00 min
Lab File: BG032079.D
Acq: 16 Jan 2018 21:08

Instrument :
BNA_G
ClientSampleId :
OK-02-011218MSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	181550		
198	95.1	76.2	114.4	
97	34.9	38.7	58.1	
132	22.1	20.2	30.2	

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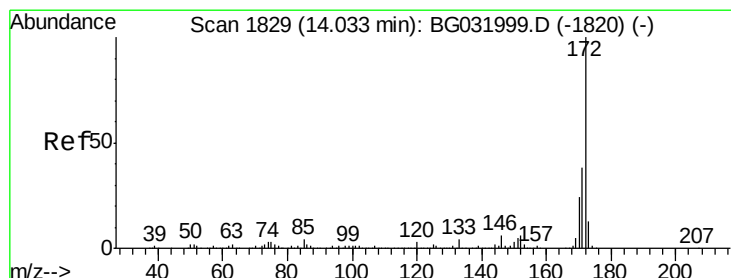
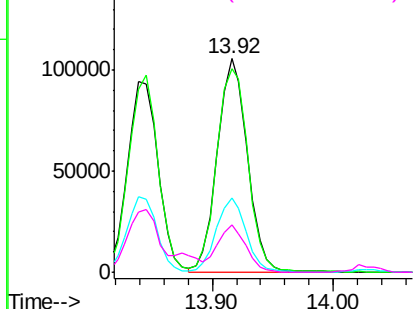
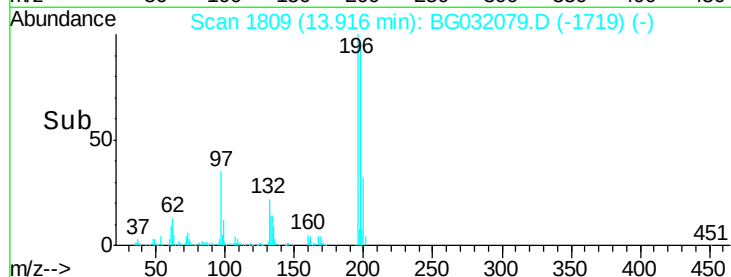
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

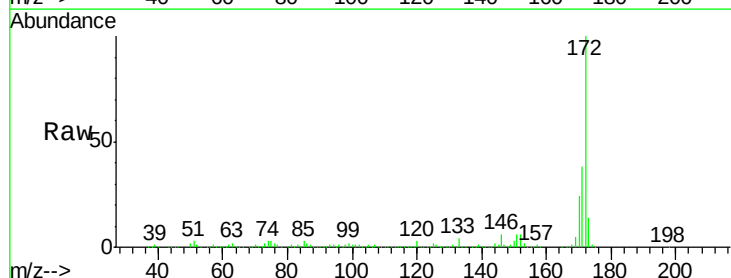
Ion 97.00 (96.70 to 97.70): BG

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 98.044 ng
RT: 14.03 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BG032079.D
Acq: 16 Jan 2018 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1051564		
171	38.1	30.0	45.0	
170	23.8	19.5	29.3	

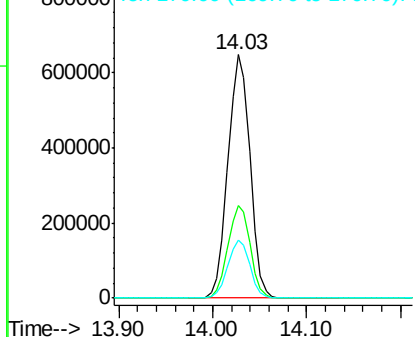
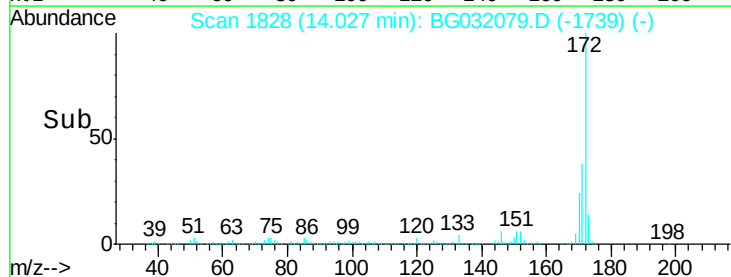


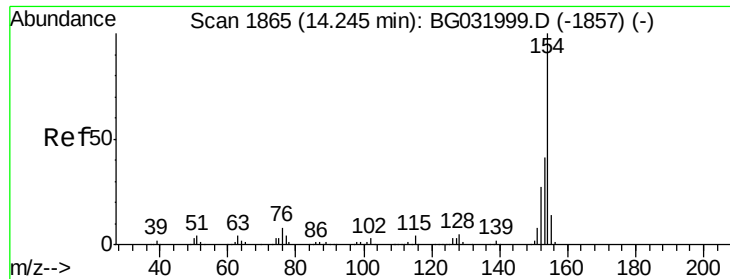
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





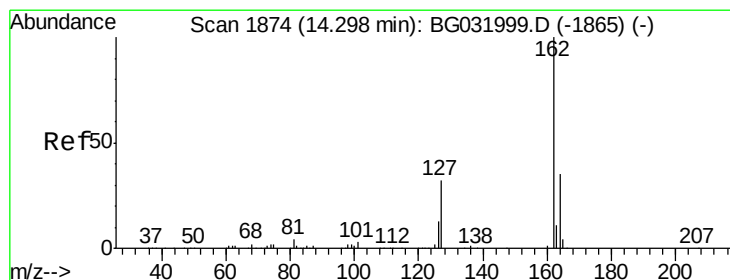
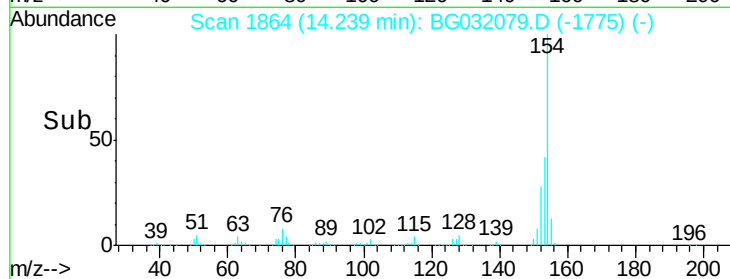
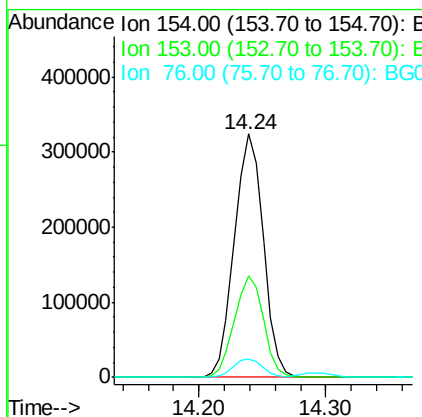
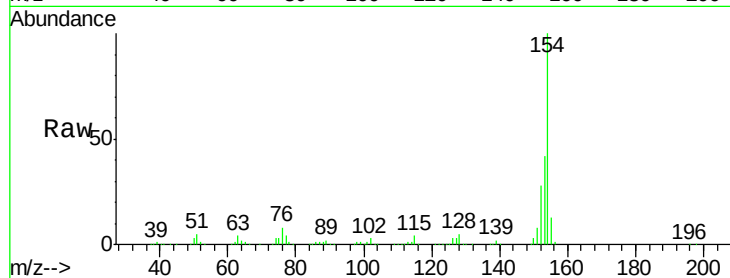
#45
 1,1'-Biphenyl
 Concen: 44.919 ng
 RT: 14.24 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: BG032079.D
 Acq: 16 Jan 2018 21:08

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-011218MSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	19.8	59.8
76	7.6	0.0	31.9

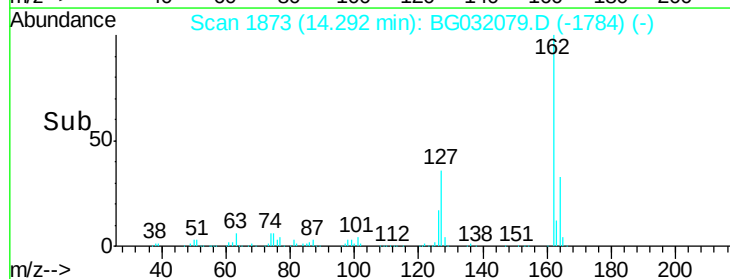
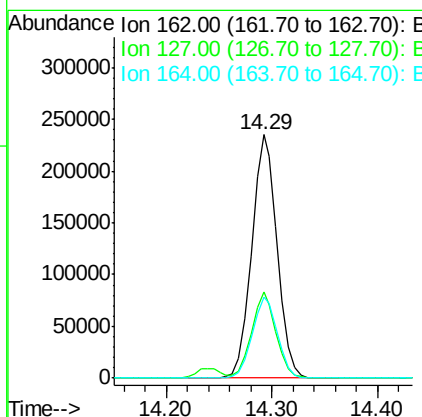
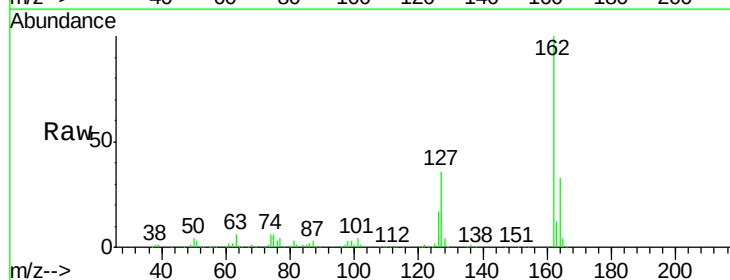
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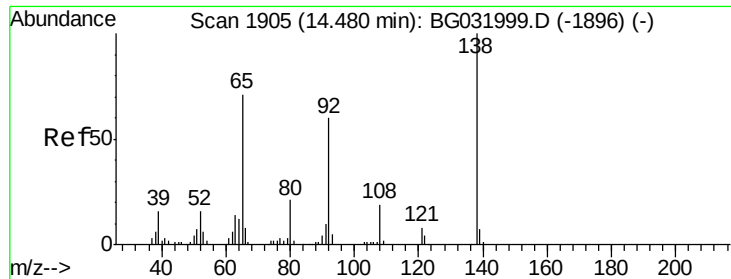
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#46
 2-Chloronaphthalene
 Concen: 44.156 ng
 RT: 14.29 min Scan# 1873
 Delta R.T. -0.01 min
 Lab File: BG032079.D
 Acq: 16 Jan 2018 21:08

Tgt Ion	Ratio	Lower	Upper
162	100		
127	35.5	30.7	46.1
164	33.1	26.0	39.0





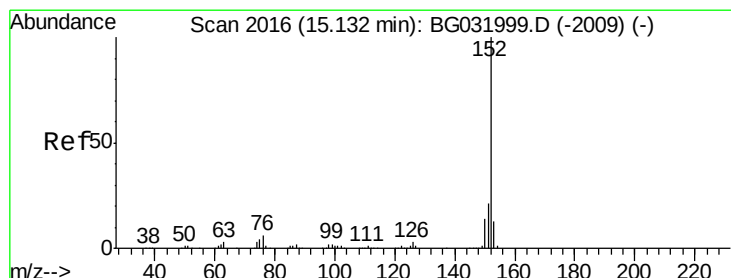
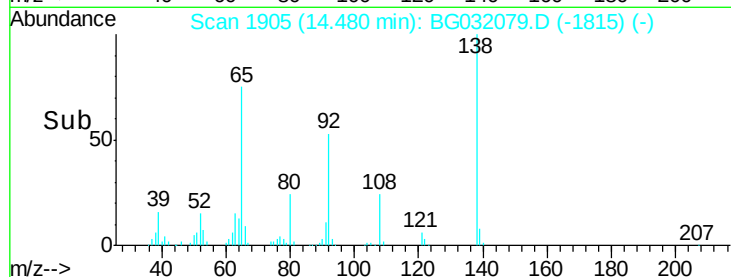
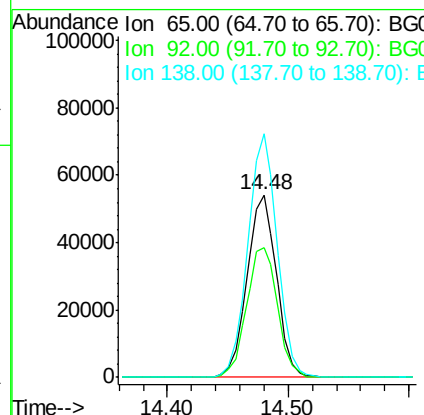
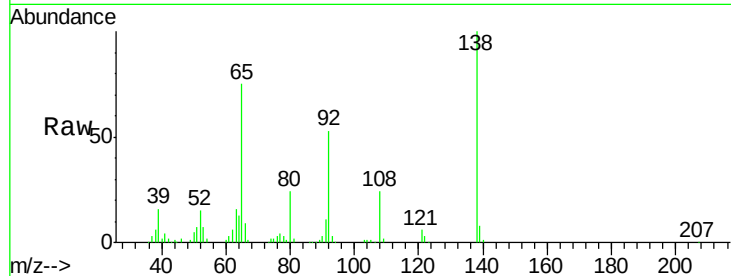
#47
2-Nitroaniline
Concen: 54.024 ng
RT: 14.48 min Scan# 1905
Delta R.T. -0.00 min
Lab File: BG032079.D
Acq: 16 Jan 2018 21:08

Instrument :
BNA_G
ClientSampleId :
OK-02-011218MSD

Tgt Ion: 65 Resp: 91728
Ion Ratio Lower Upper
65 100
92 71.1 54.6 82.0
138 133.5 72.9 109.3#

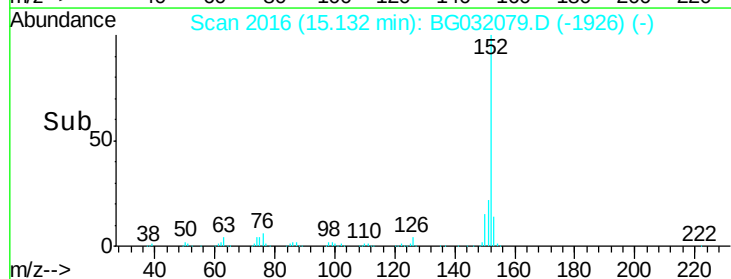
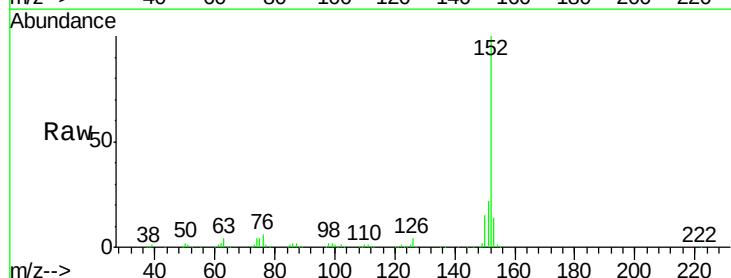
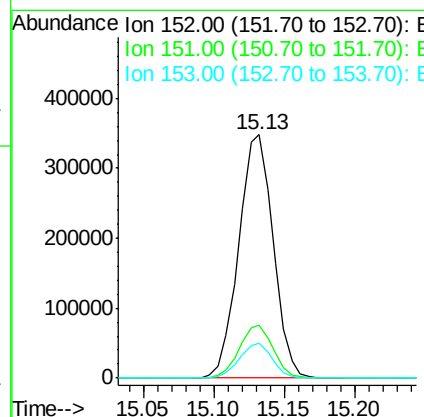
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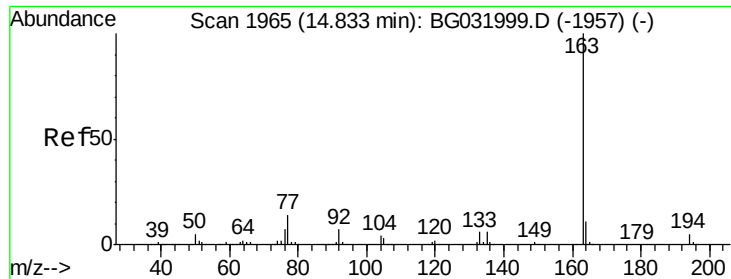
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#48
Acenaphthylene
Concen: 43.906 ng
RT: 15.13 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BG032079.D
Acq: 16 Jan 2018 21:08

Tgt Ion: 152 Resp: 592989
Ion Ratio Lower Upper
152 100
151 21.7 17.2 25.8
153 14.2 10.2 15.4





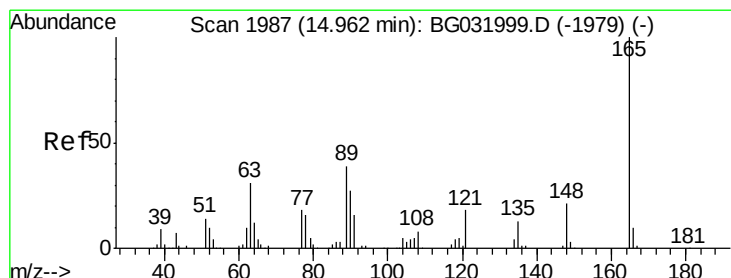
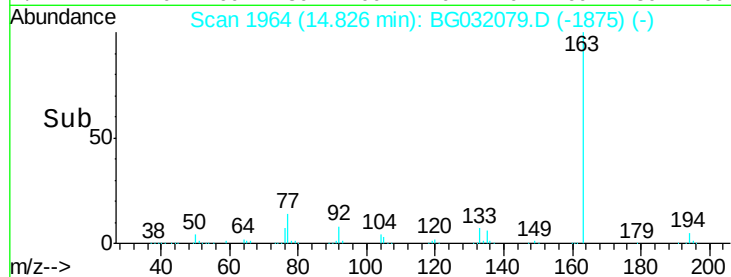
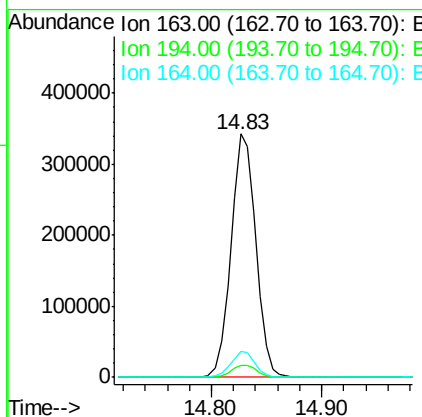
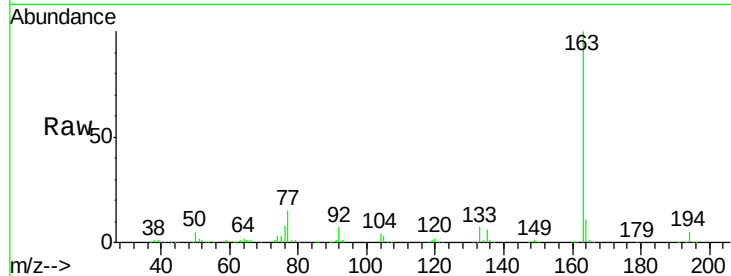
#49
Dimethylphthalate
Concen: 46.283 ng
RT: 14.83 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BG032079.D
Acq: 16 Jan 2018 21:08

Instrument :
BNA_G
ClientSampleId :
OK-02-011218MSD

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.4	5.2
164	10.7	8.2	12.4

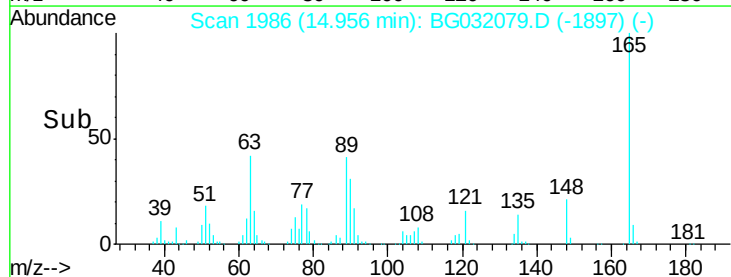
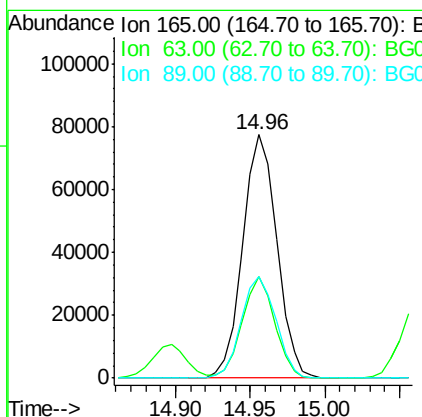
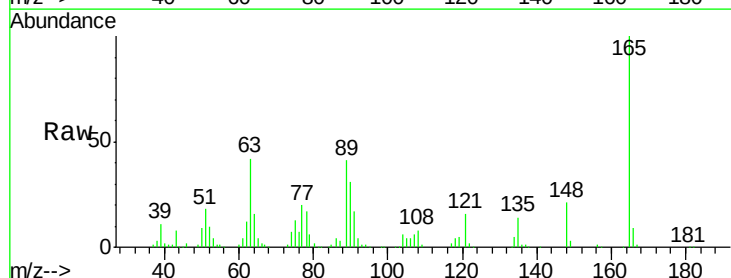
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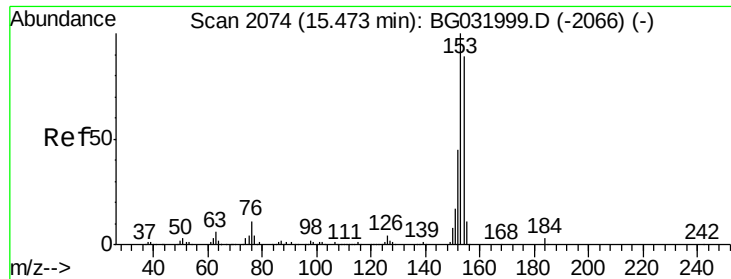
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#50
2,6-Dinitrotoluene
Concen: 50.716 ng
RT: 14.96 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BG032079.D
Acq: 16 Jan 2018 21:08

Tgt Ion	Ratio	Lower	Upper
165	100		
63	41.9	52.7	79.1#
89	41.4	49.2	73.8#





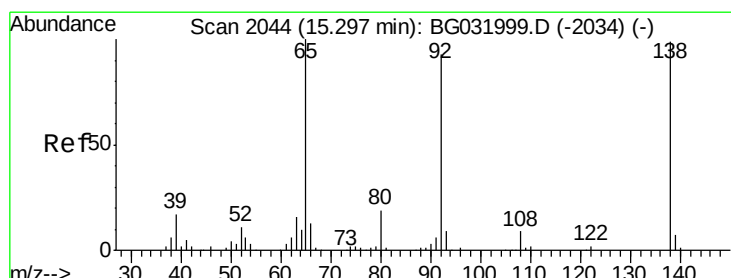
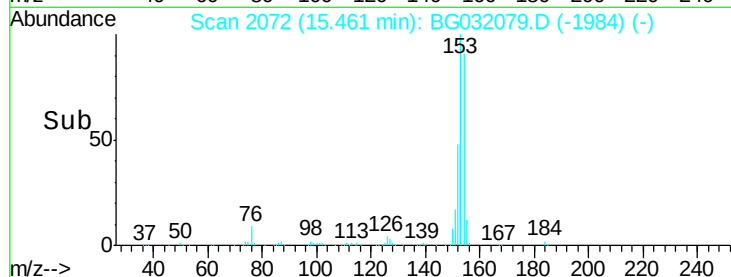
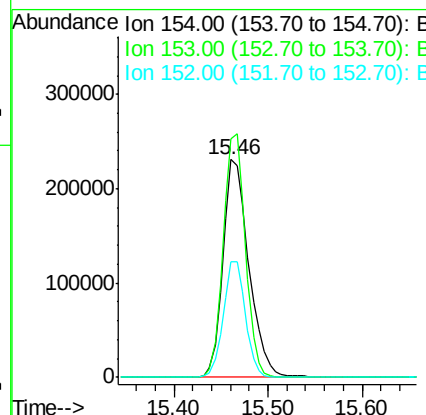
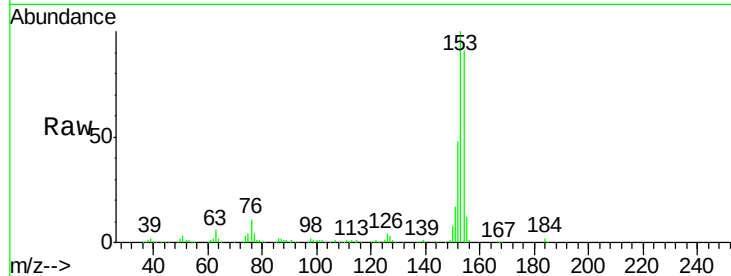
#51
Acenaphthene
Concen: 49.728 ng
RT: 15.46 min Scan# 2072
Delta R.T. -0.01 min
Lab File: BG032079.D
Acq: 16 Jan 2018 21:08

Instrument :
BNA_G
ClientSampleId :
OK-02-011218MSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	109.8	90.4	135.6
152	53.0	41.6	62.4

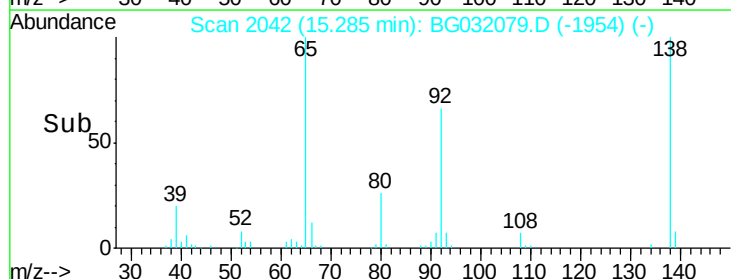
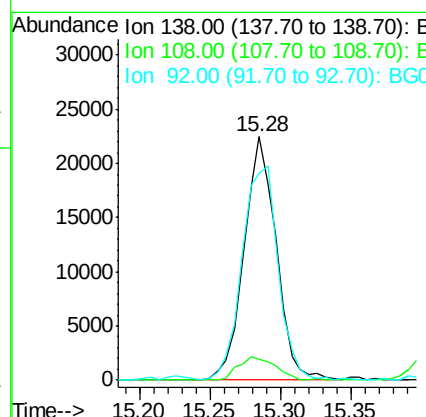
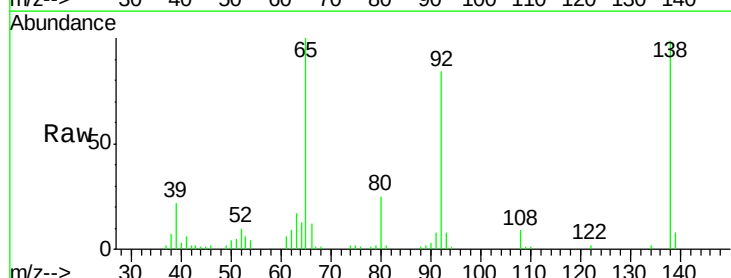
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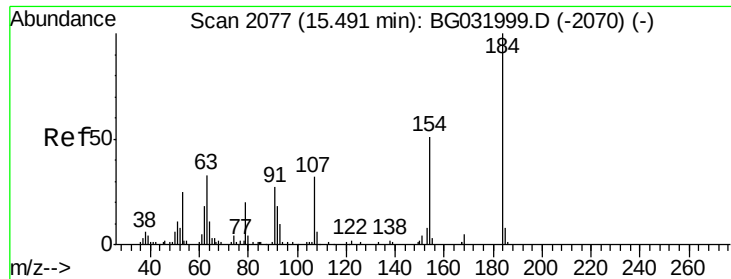
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#52
3-Nitroaniline
Concen: 16.421 ng
RT: 15.28 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BG032079.D
Acq: 16 Jan 2018 21:08

Tgt Ion	Ratio	Lower	Upper
138	100		
108	8.7	17.5	26.3#
92	84.6	105.8	158.8#





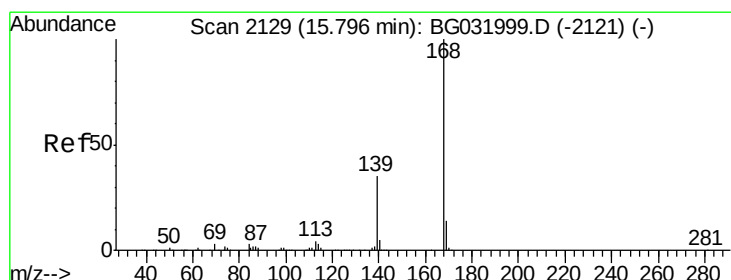
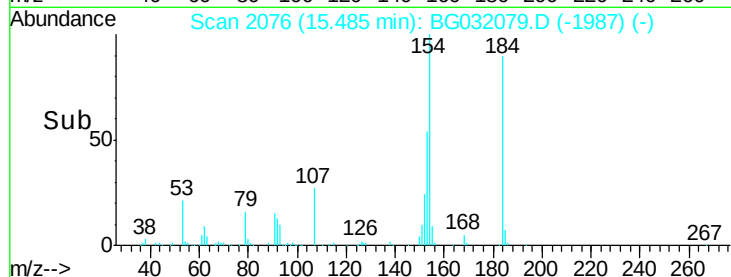
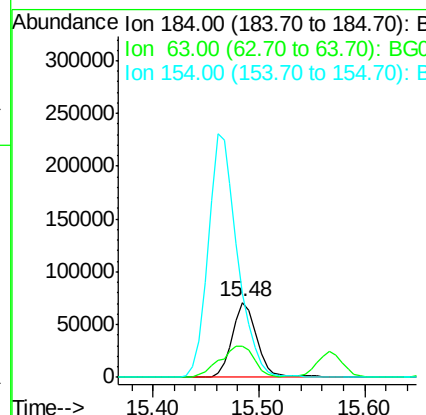
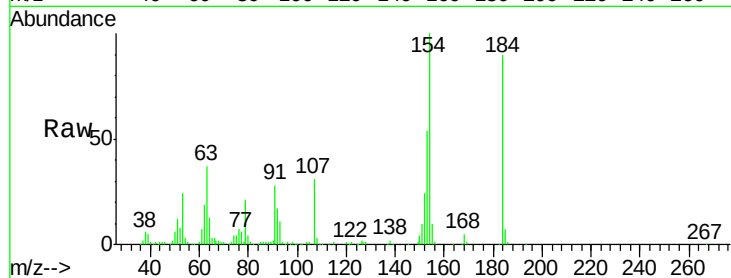
#53
2,4-Dinitrophenol
Concen: 94.108 ng
RT: 15.48 min Scan# 2076
Delta R.T. -0.01 min
Lab File: BG032079.D
Acq: 16 Jan 2018 21:08

Instrument :
BNA_G
ClientSampleId :
OK-02-011218MSD

Tgt Ion	Ratio	Lower	Upper
184	100		
63	40.9	59.8	89.8#
154	111.6	101.8	152.8

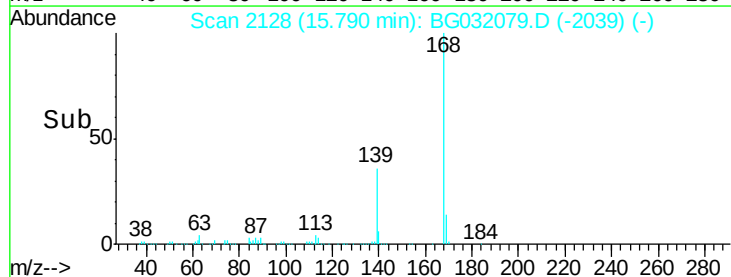
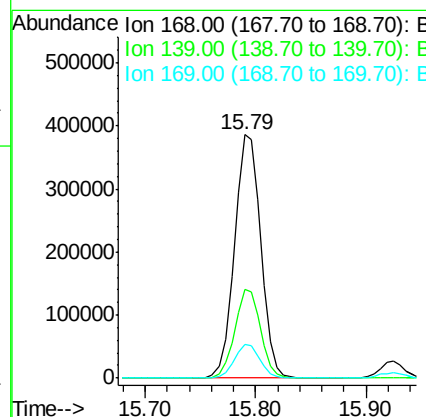
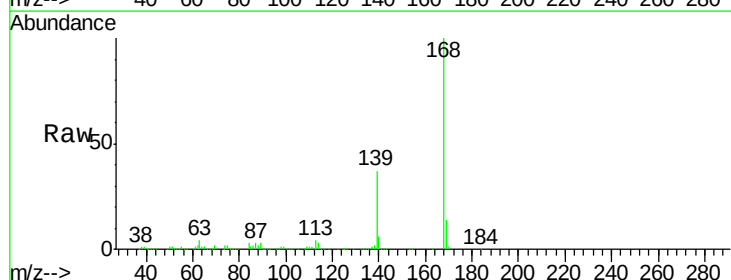
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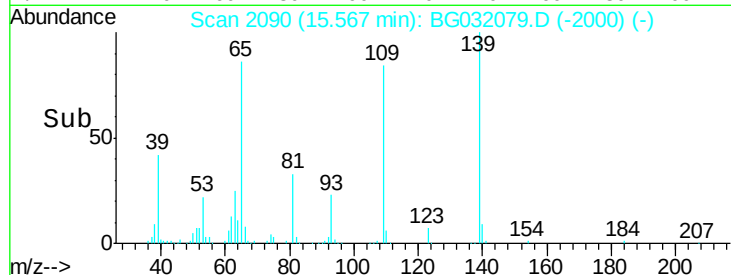
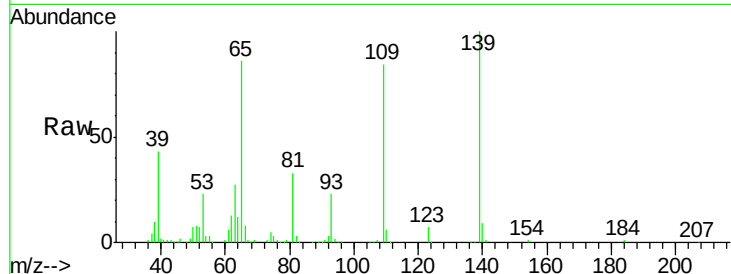
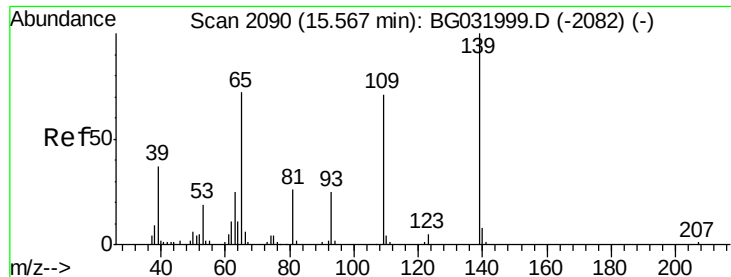
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#54
Dibenzofuran
Concen: 48.052 ng
RT: 15.79 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BG032079.D
Acq: 16 Jan 2018 21:08

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.6	28.6	43.0
169	13.6	11.2	16.8





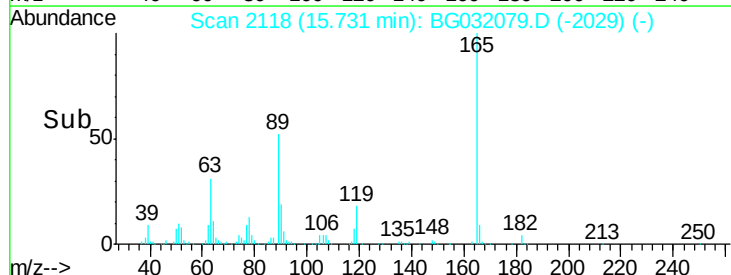
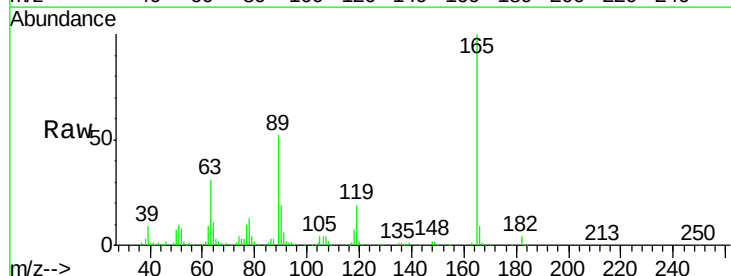
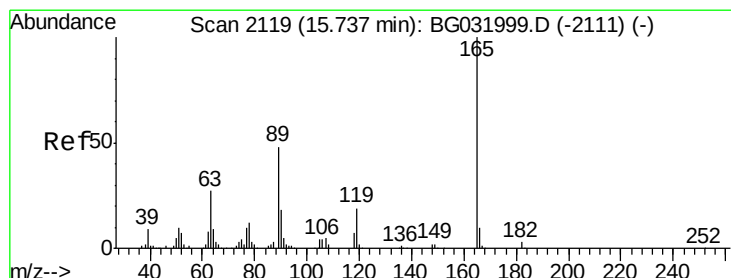
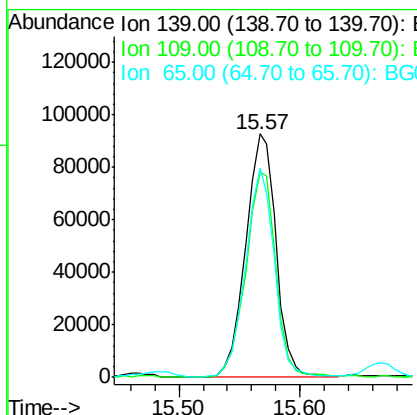
#55
4-Nitrophenol
Concen: 102.369 ng
RT: 15.57 min Scan# 2090
Delta R.T. -0.00 min
Lab File: BG032079.D
Acq: 16 Jan 2018 21:08

Instrument :
BNA_G
ClientSampleId :
OK-02-011218MSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	162763		
109	84.4	62.2	102.2	
65	86.1	97.2	137.2#	

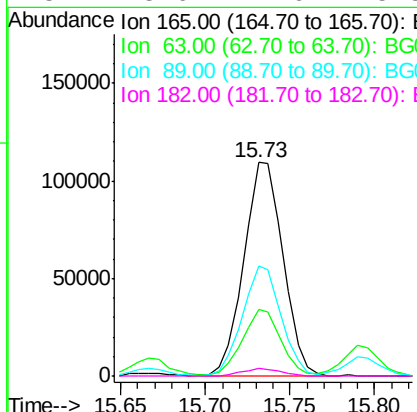
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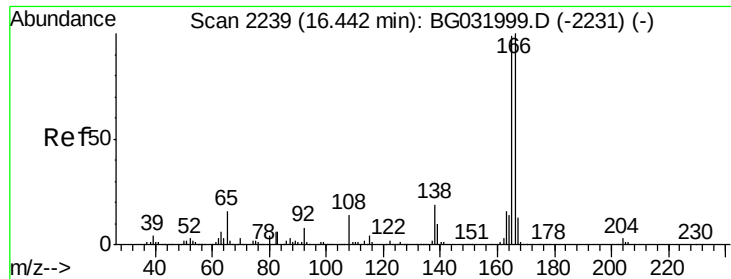
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#56
2,4-Dinitrotoluene
Concen: 54.385 ng
RT: 15.73 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BG032079.D
Acq: 16 Jan 2018 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	176868		
63	31.3	42.0	63.0#	
89	51.8	66.9	100.3#	
182	3.6	2.6	3.8	





#57

Fluorene

Concen: 47.478 ng

RT: 16.44 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BG032079.D

Acq: 16 Jan 2018 21:08

Instrument :

BNA_G

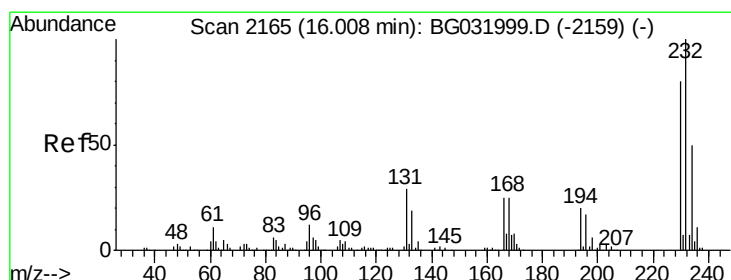
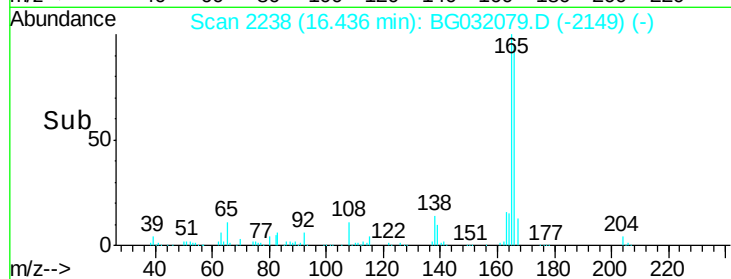
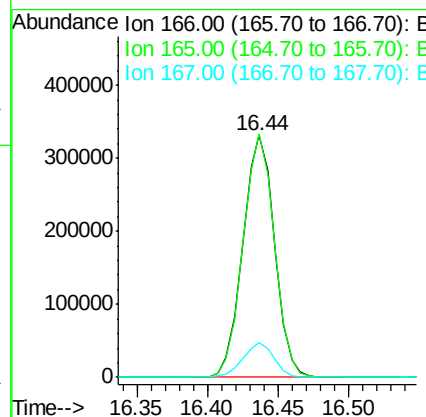
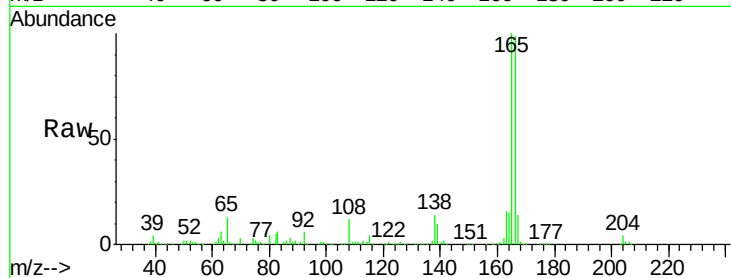
ClientSampleId :

OK-02-011218MSD

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.7	80.6	121.0
167	14.5	10.4	15.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 56.316 ng

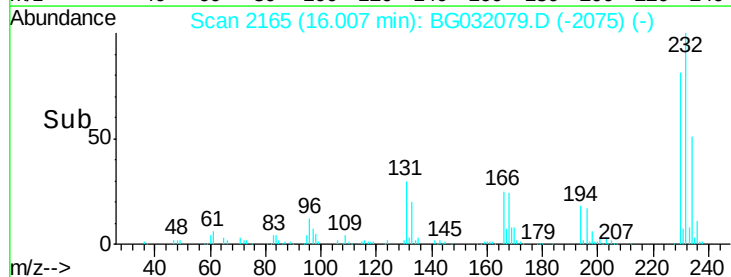
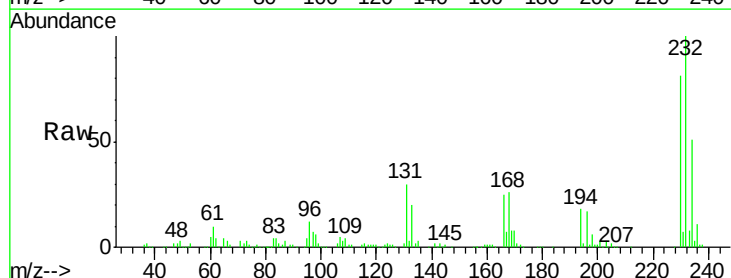
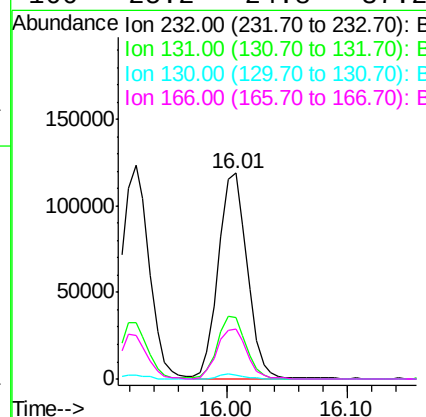
RT: 16.01 min Scan# 2165

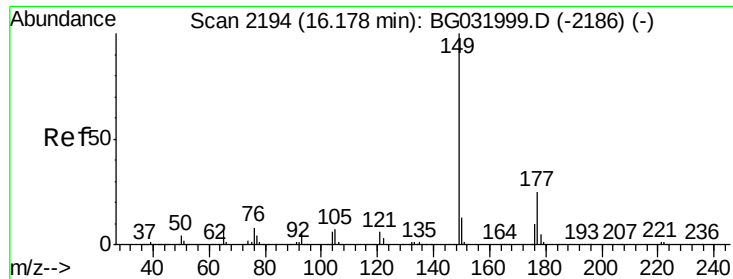
Delta R.T. -0.00 min

Lab File: BG032079.D

Acq: 16 Jan 2018 21:08

Tgt Ion	Ratio	Lower	Upper
232	100		
131	30.4	33.5	50.3#
130	2.0	2.2	3.2#
166	25.2	24.8	37.2





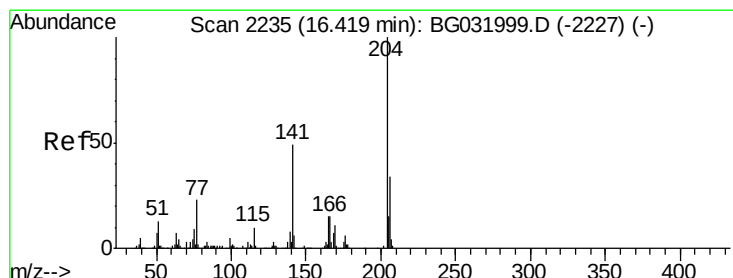
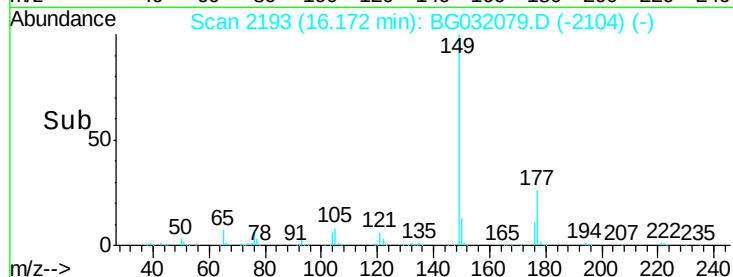
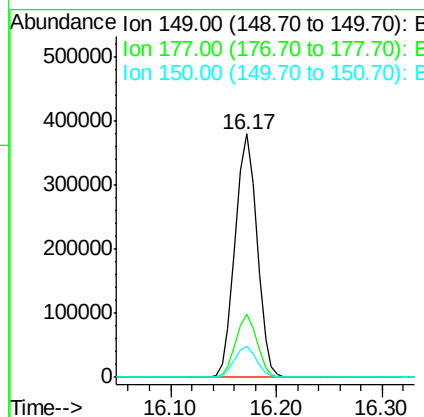
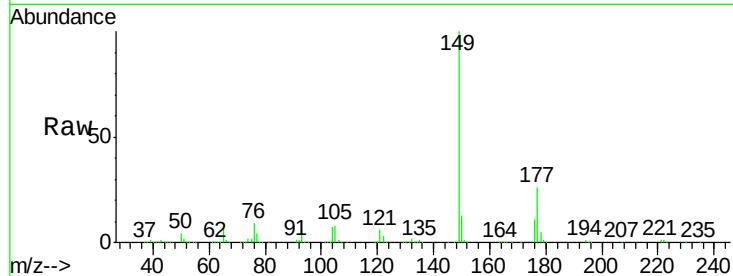
#59
Diethylphthalate
Concen: 48.128 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BG032079.D
Acq: 16 Jan 2018 21:08

Instrument :
BNA_G
ClientSampleId :
OK-02-011218MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
177	26.0	18.5	27.7
150	13.0	10.2	15.2

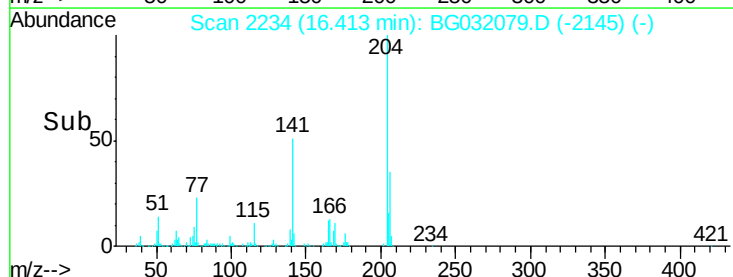
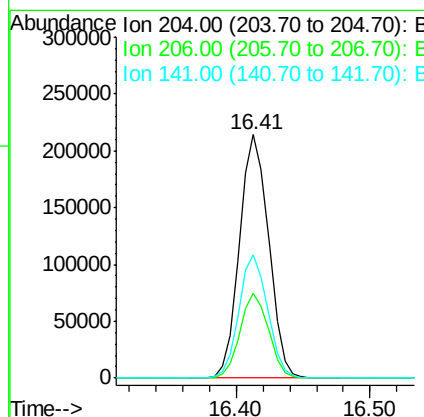
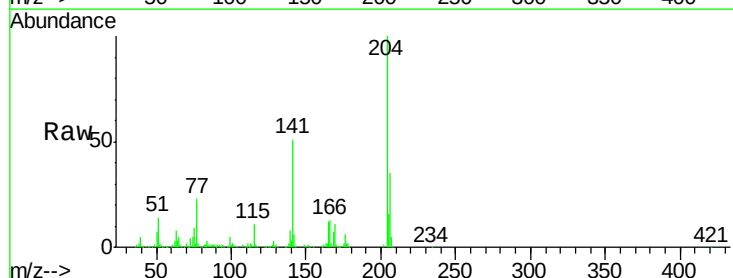
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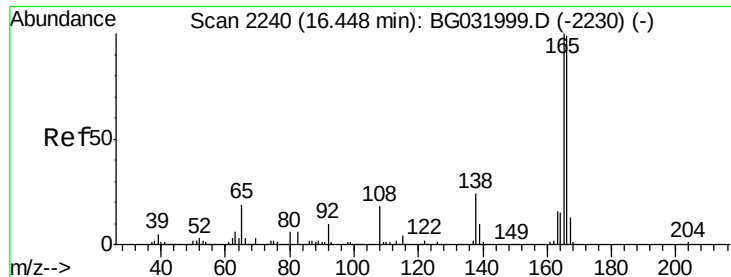
Sohil
1/17/2018 10:43:12 AM



#60
4-Chlorophenyl-phenylether
Concen: 48.285 ng
RT: 16.41 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BG032079.D
Acq: 16 Jan 2018 21:08

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.7	26.2	39.2
141	50.6	45.8	68.6





#61

4-Nitroaniline

Concen: 41.758 ng

RT: 16.44 min Scan# 2239

Delta R.T. -0.01 min

Lab File: BG032079.D

Acq: 16 Jan 2018 21:08

Instrument :

BNA_G

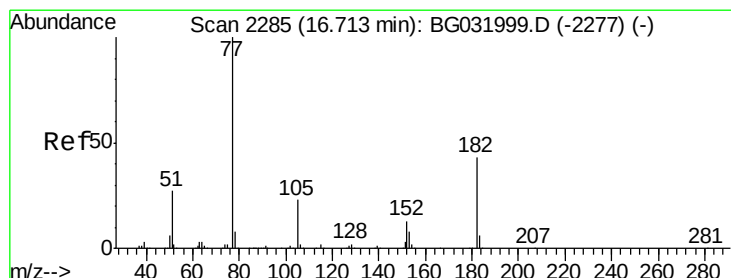
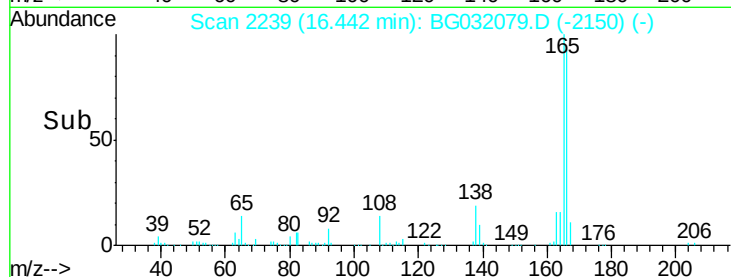
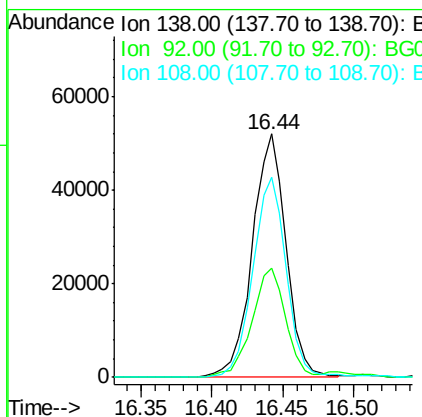
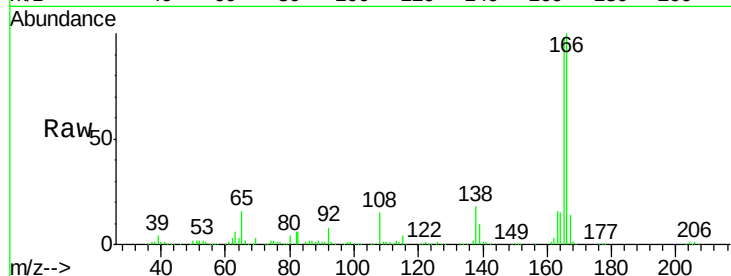
ClientSampleId :

OK-02-011218MSD

Tgt Ion:	138	Resp:	87394
Ion Ratio	Lower	Upper	
138	100		
92	45.0	40.1	80.1
108	82.2	65.4	105.4

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#62

Azobenzene

Concen: 49.147 ng

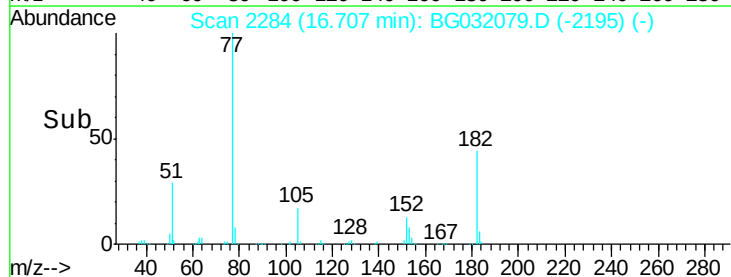
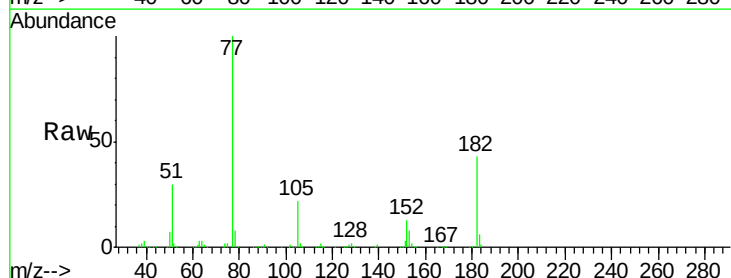
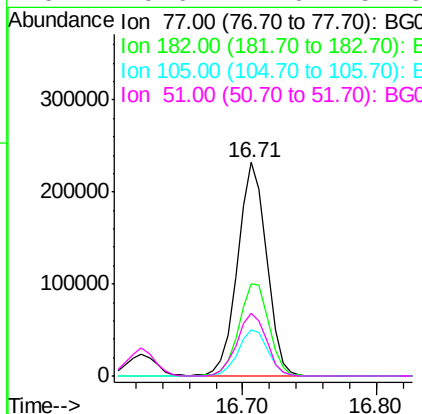
RT: 16.71 min Scan# 2284

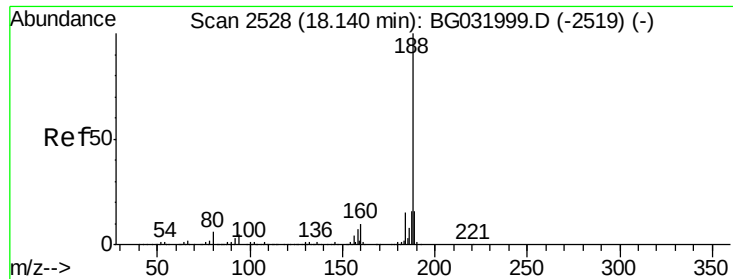
Delta R.T. -0.01 min

Lab File: BG032079.D

Acq: 16 Jan 2018 21:08

Tgt Ion:	77	Resp:	347059
Ion Ratio	Lower	Upper	
77	100		
182	43.3	7.4	47.4
105	21.5	0.3	40.3
51	29.6	11.6	51.6





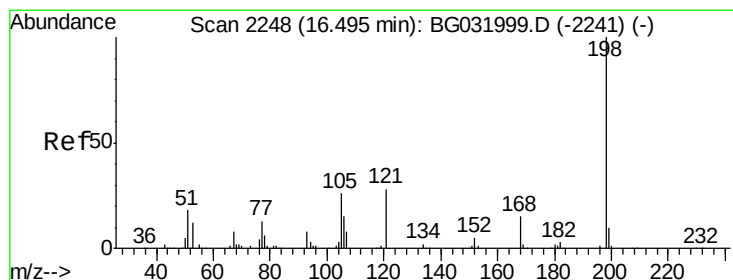
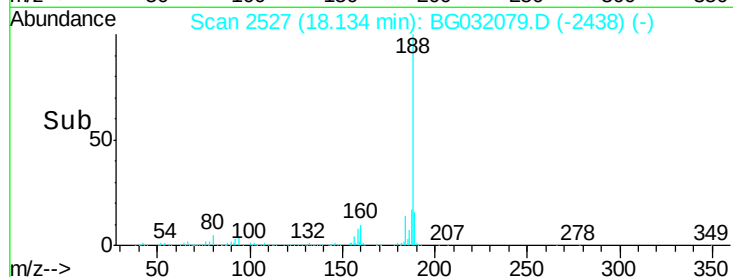
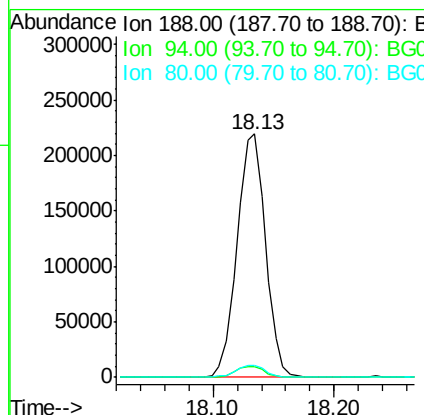
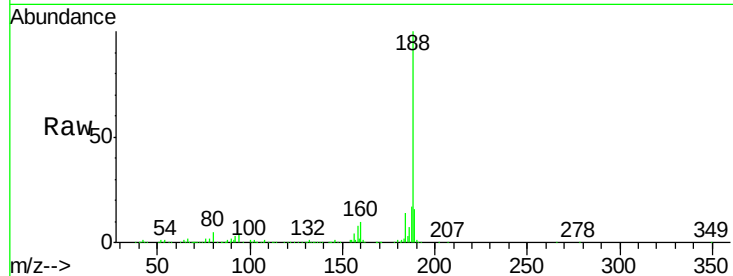
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.13 min Scan# 2527
Delta R.T. -0.01 min
Lab File: BG032079.D
Acq: 16 Jan 2018 21:08

Instrument :
BNA_G
ClientSampleId :
OK-02-011218MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	4.4	6.9	10.3#
80	5.1	7.7	11.5#

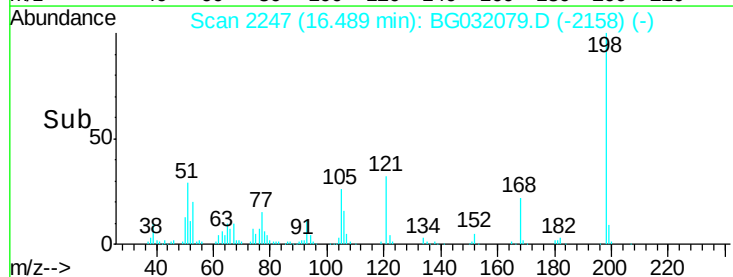
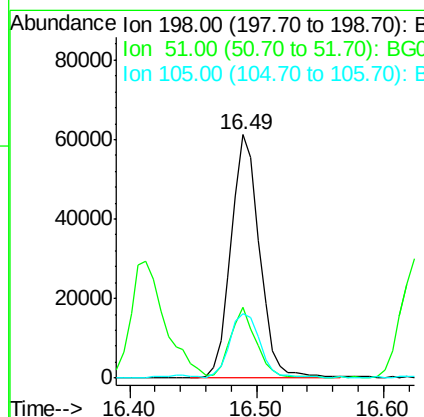
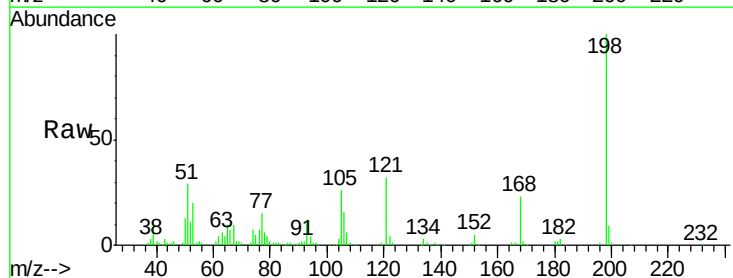
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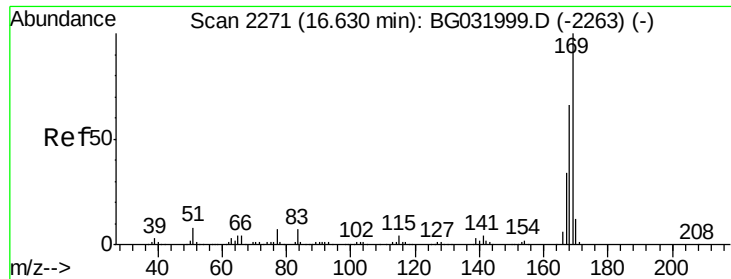
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#64
4,6-Dinitro-2-methylphenol
Concen: 41.743 ng
RT: 16.49 min Scan# 2247
Delta R.T. -0.01 min
Lab File: BG032079.D
Acq: 16 Jan 2018 21:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	29.1	30.6	70.6#
105	26.5	23.8	63.8





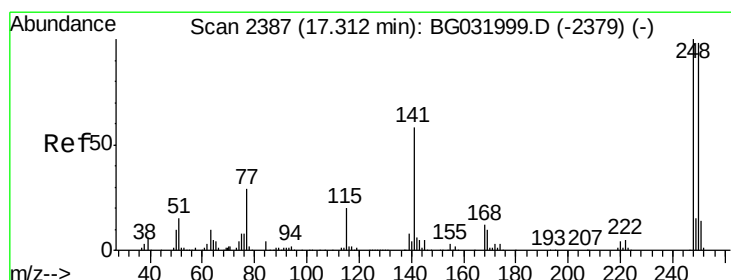
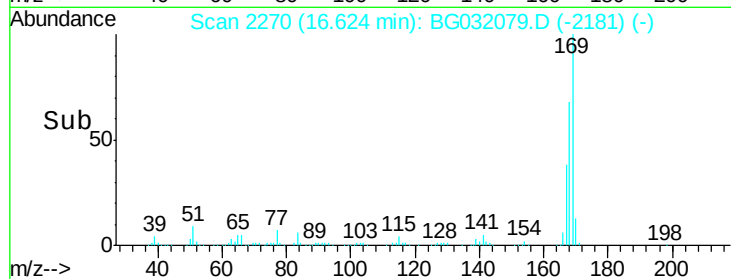
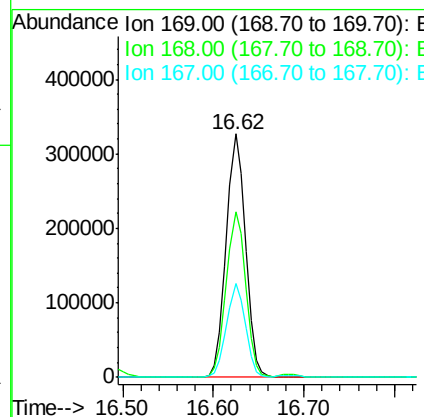
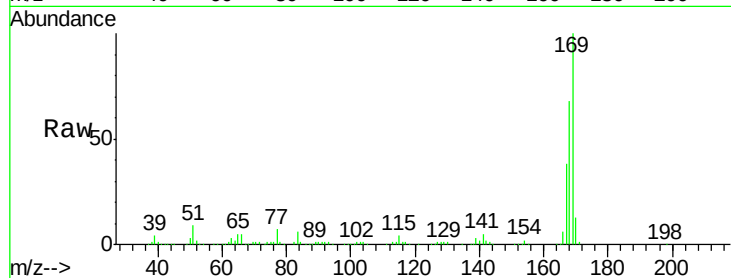
#65
 n-Nitrosodiphenylamine
 Concen: 44.032 ng
 RT: 16.62 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BG032079.D
 Acq: 16 Jan 2018 21:08

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-011218MSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	483152		
168	68.1	55.7	83.5	
167	38.4	30.1	45.1	

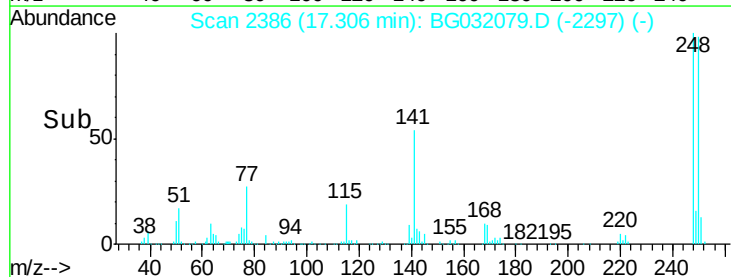
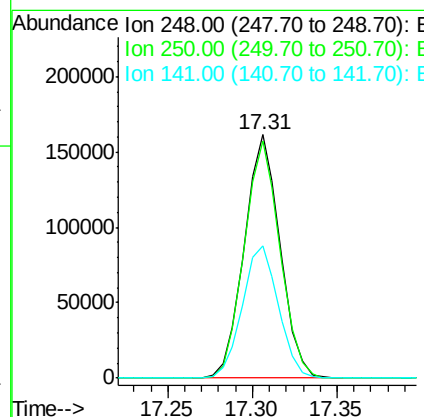
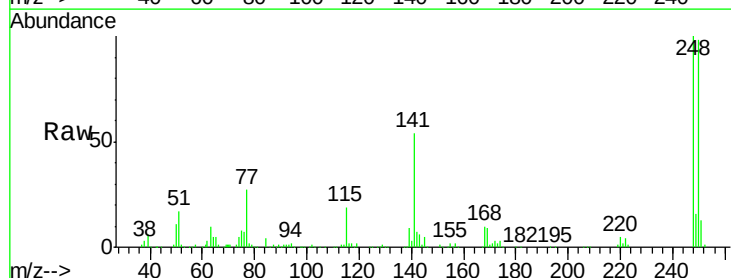
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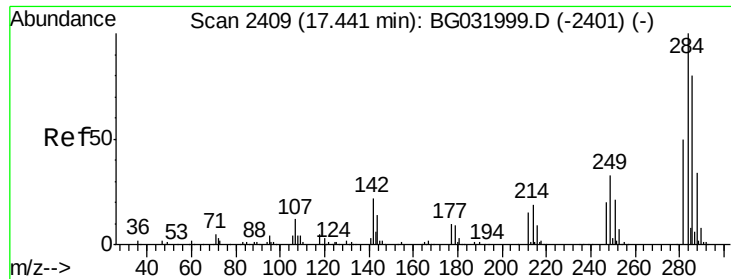
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#66
 4-Bromophenyl-phenylether
 Concen: 45.980 ng
 RT: 17.31 min Scan# 2386
 Delta R.T. -0.01 min
 Lab File: BG032079.D
 Acq: 16 Jan 2018 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	236568		
250	97.7	77.1	115.7	
141	54.3	50.8	76.2	





#67

Hexachlorobenzene

Concen: 41.930 ng

RT: 17.44 min Scan# 2408

Delta R.T. -0.01 min

Lab File: BG032079.D

Acq: 16 Jan 2018 21:08

Instrument :

BNA_G

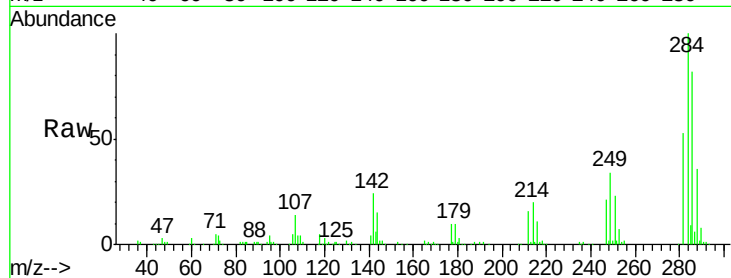
ClientSampleId :

OK-02-011218MSD

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	238671		
142	23.7	26.8	40.2#	
249	33.8	26.3	39.5	

Manual Integrations
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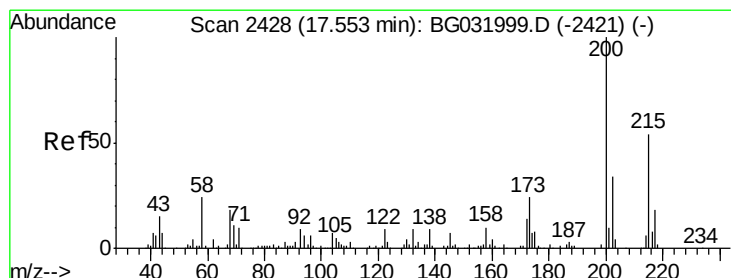
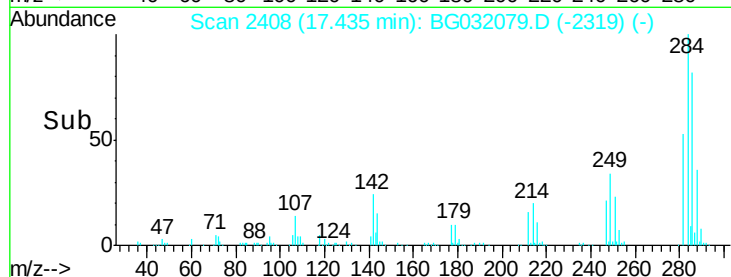
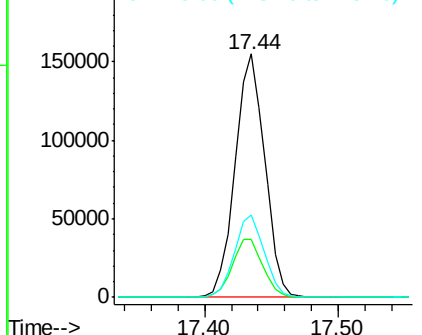
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 44.491 ng

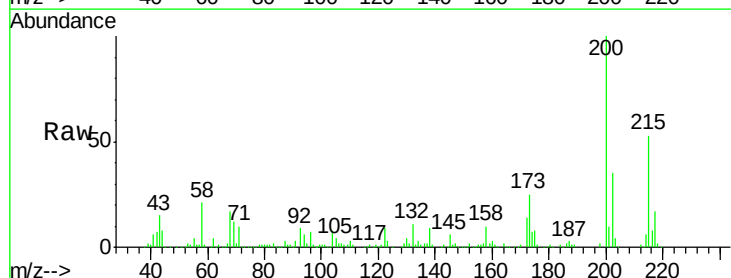
RT: 17.55 min Scan# 2427

Delta R.T. -0.01 min

Lab File: BG032079.D

Acq: 16 Jan 2018 21:08

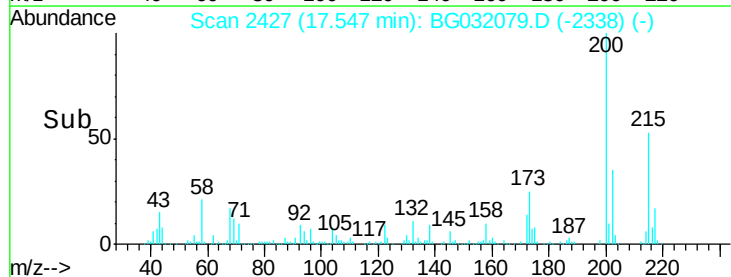
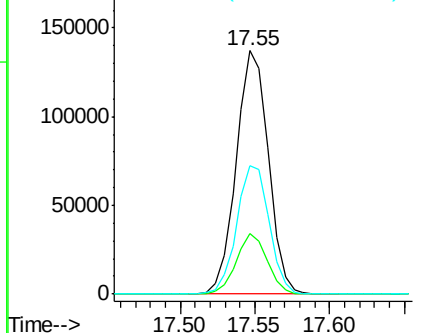
Tgt Ion	Ratio	Resp	Lower	Upper
200	100	205303		
173	25.1	5.2	45.2	
215	52.8	30.4	70.4	

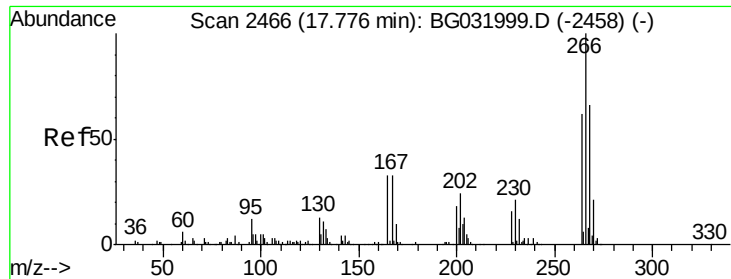


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





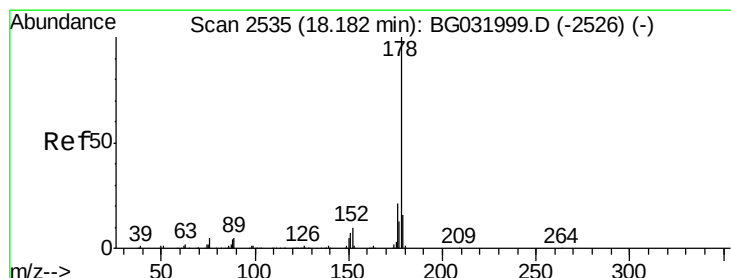
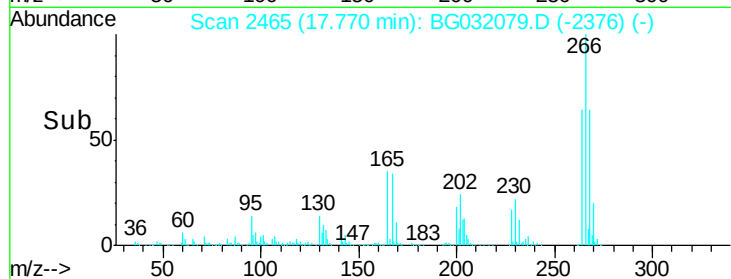
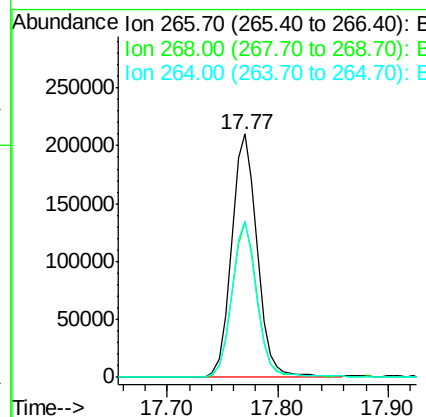
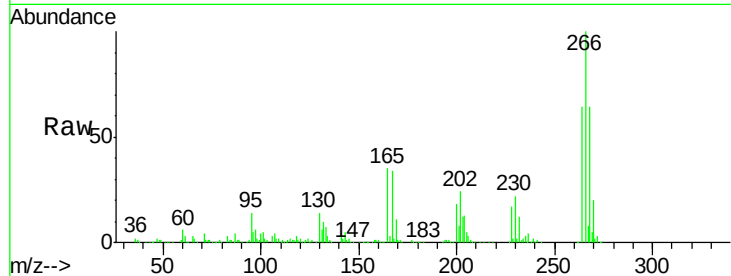
#69
 Pentachlorophenol
 Concen: 94.105 ng
 RT: 17.77 min Scan# 2465
 Delta R.T. -0.01 min
 Lab File: BG032079.D
 Acq: 16 Jan 2018 21:08

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-011218MSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	342386		
268	63.6	51.1	76.7	
264	64.5	49.6	74.4	

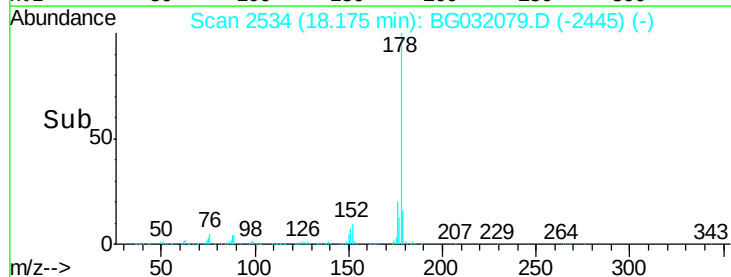
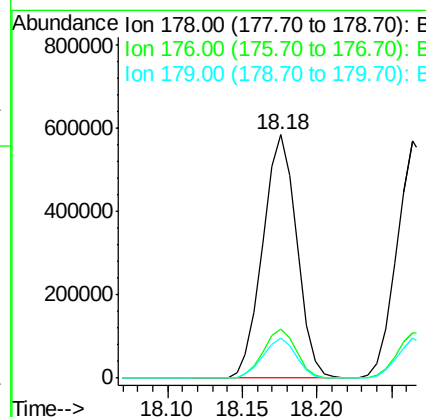
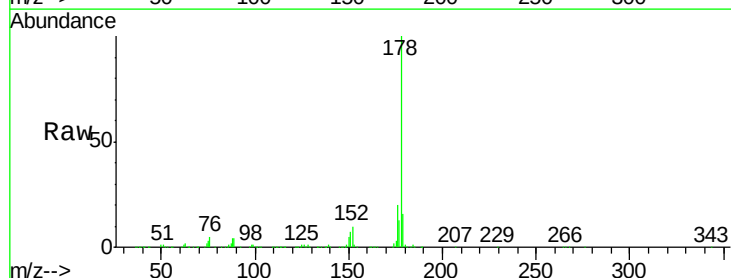
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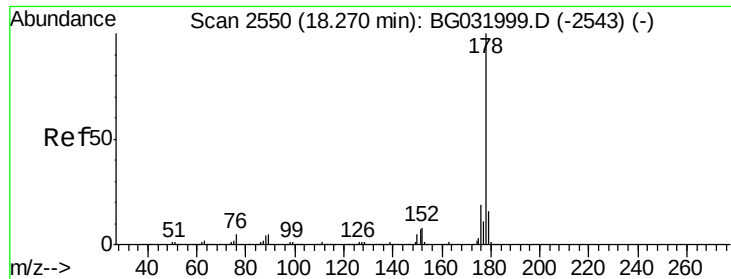
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#70
 Phenanthrene
 Concen: 45.692 ng
 RT: 18.18 min Scan# 2534
 Delta R.T. -0.01 min
 Lab File: BG032079.D
 Acq: 16 Jan 2018 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	919906		
176	19.9	15.7	23.5	
179	16.2	12.5	18.7	





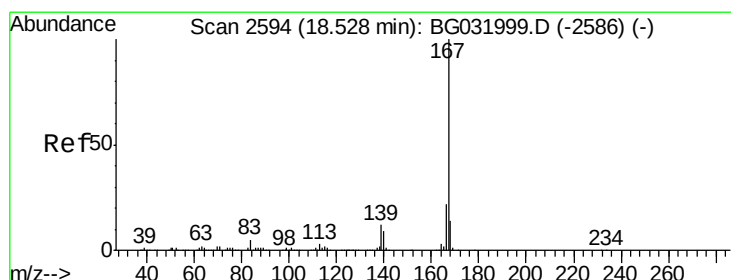
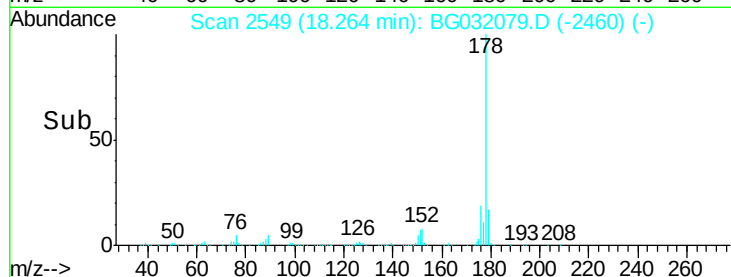
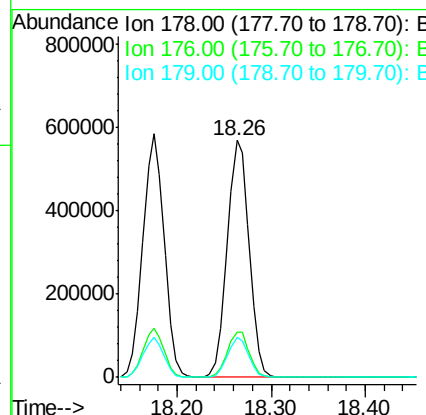
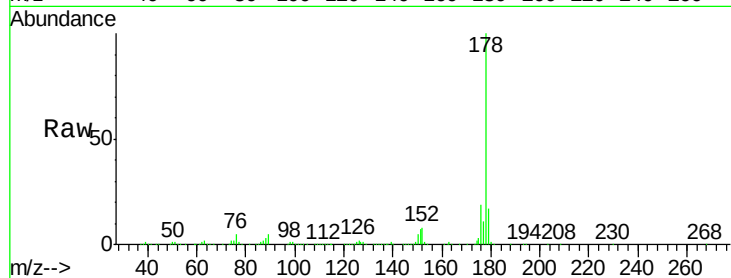
#71
 Anthracene
 Concen: 46.043 ng
 RT: 18.26 min Scan# 2549
 Delta R.T. -0.01 min
 Lab File: BG032079.D
 Acq: 16 Jan 2018 21:08

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-011218MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.0	24.0
179	16.7	12.5	18.7

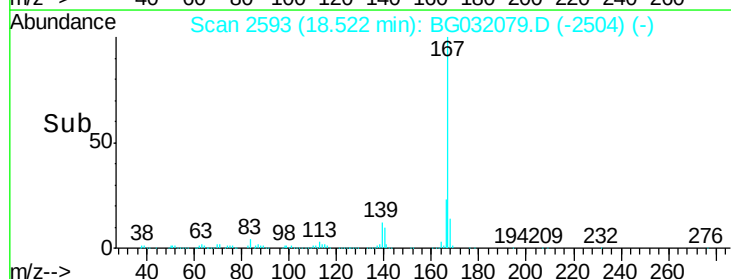
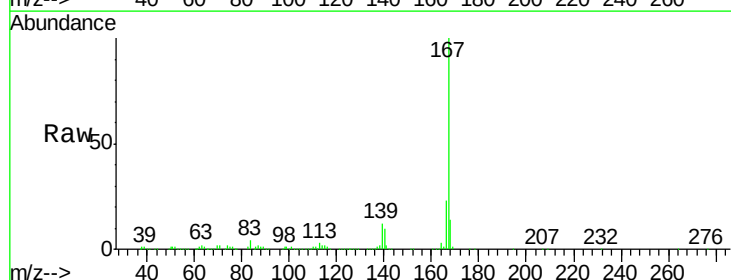
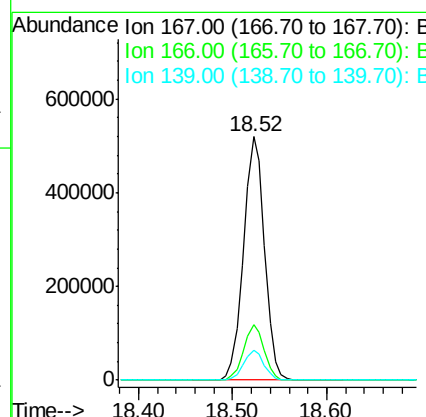
Manual Integrations
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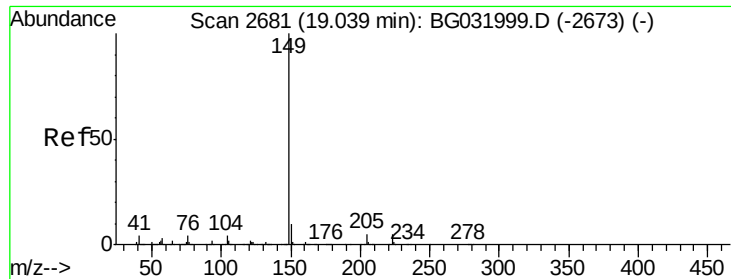
Sohil
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#72
 Carbazole
 Concen: 46.098 ng
 RT: 18.52 min Scan# 2593
 Delta R.T. -0.01 min
 Lab File: BG032079.D
 Acq: 16 Jan 2018 21:08

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.9	18.2	27.4
139	12.0	9.4	14.2





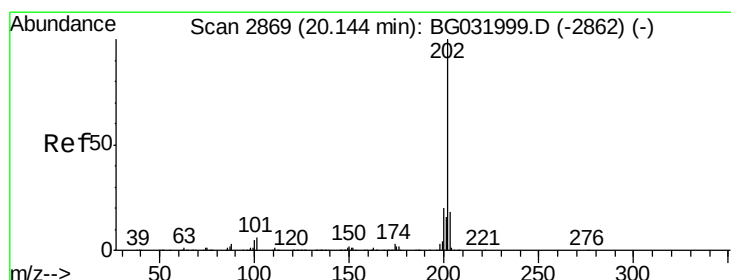
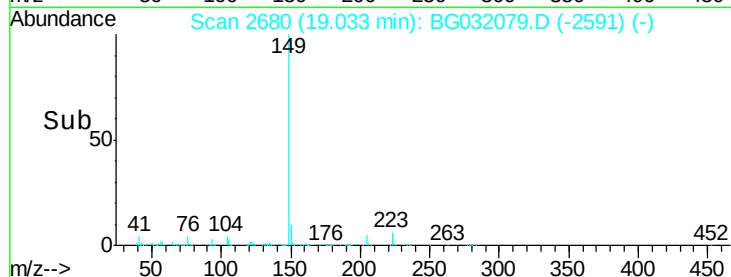
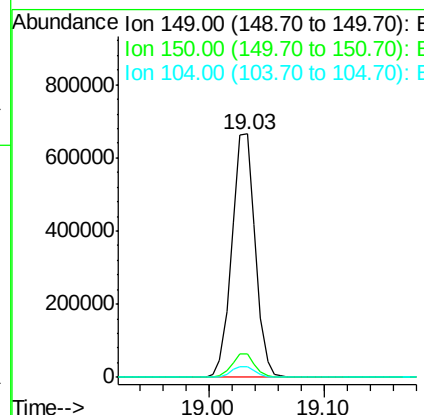
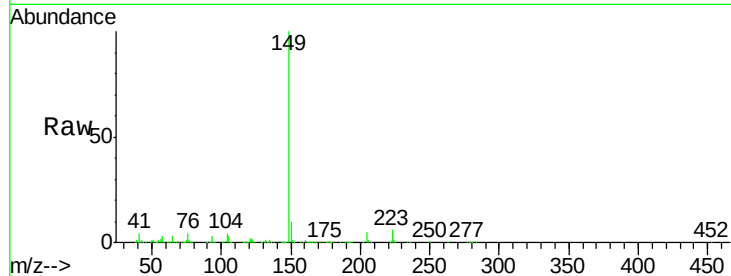
#73
Di-n-butylphthalate
Concen: 45.004 ng
RT: 19.03 min Scan# 2680
Delta R.T. -0.01 min
Lab File: BG032079.D
Acq: 16 Jan 2018 21:08

Instrument :
BNA_G
ClientSampleId :
OK-02-011218MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.6
104	4.4	3.9	5.9

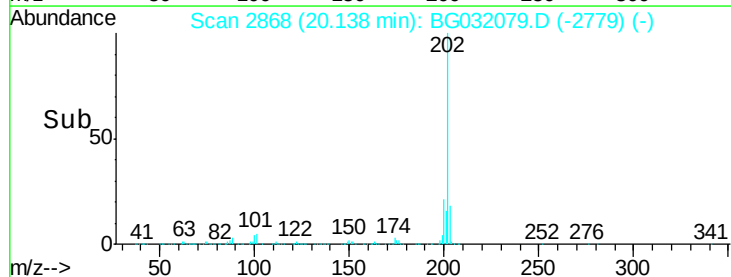
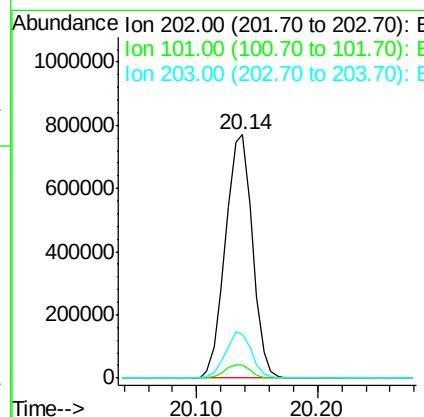
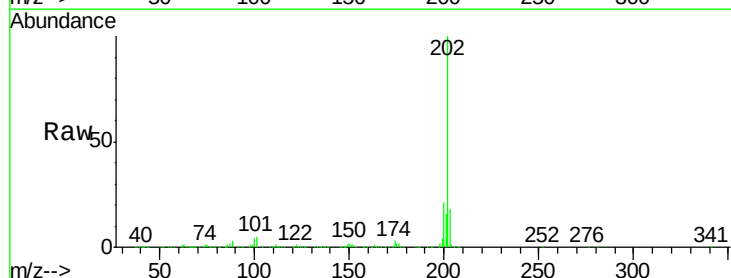
Manual Integrations
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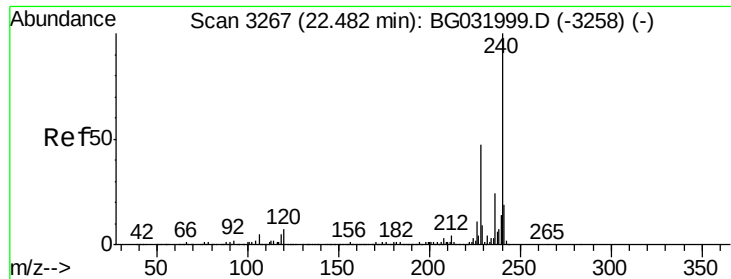
Sohil
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#74
Fluoranthene
Concen: 47.155 ng
RT: 20.14 min Scan# 2868
Delta R.T. -0.01 min
Lab File: BG032079.D
Acq: 16 Jan 2018 21:08

Tgt Ion	Ratio	Lower	Upper
202	100		
101	5.4	0.0	28.9
203	18.2	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.47 min Scan# 3265

Delta R.T. -0.01 min

Lab File: BG032079.D

Acq: 16 Jan 2018 21:08

Instrument :

BNA_G

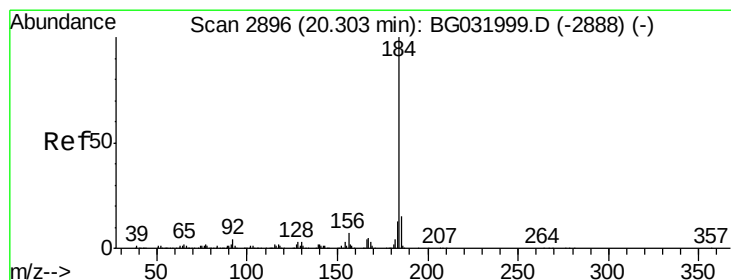
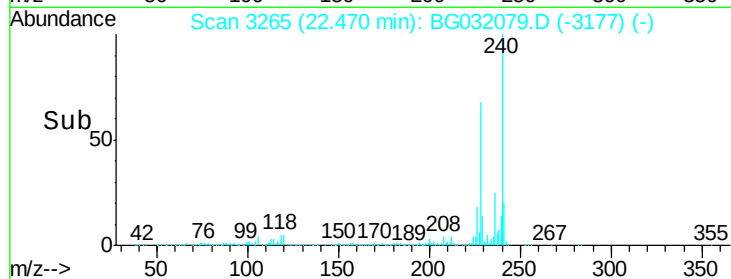
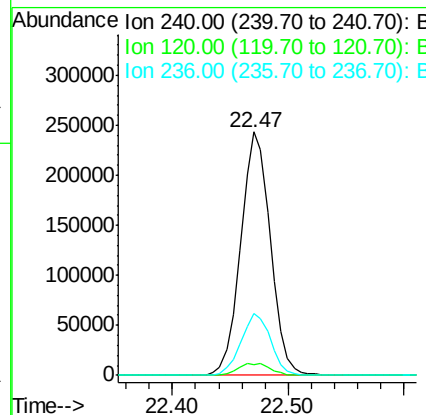
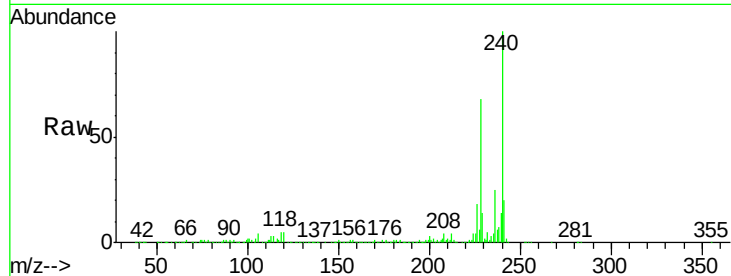
ClientSampleId :

OK-02-011218MSD

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.6	6.8	10.2#
236	25.4	20.9	31.3

Manual Integrations
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#76

Benzidine

Concen: 9.351 ng

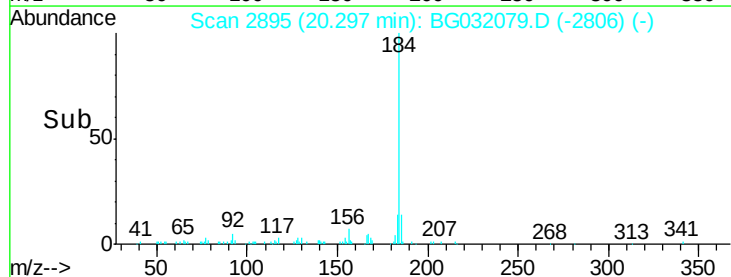
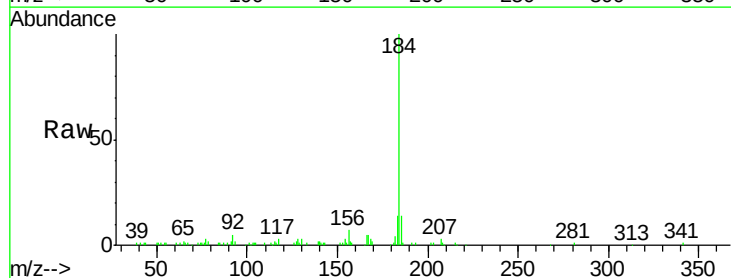
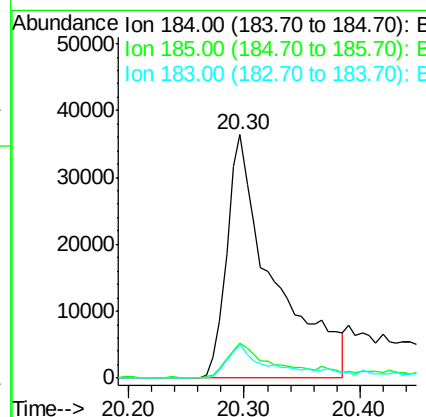
RT: 20.30 min Scan# 2895

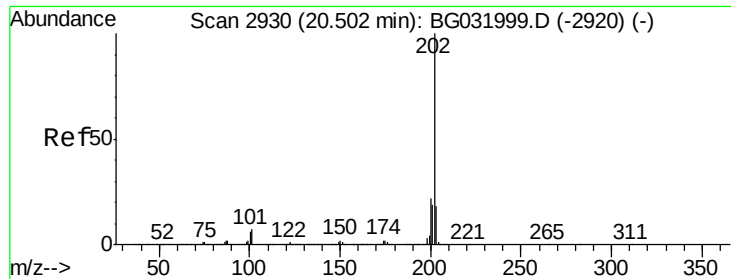
Delta R.T. -0.01 min

Lab File: BG032079.D

Acq: 16 Jan 2018 21:08

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.1	16.7
183	13.7	10.6	16.0





#77

Pyrene

Concen: 44.191 ng

RT: 20.49 min Scan# 2928

Delta R.T. -0.01 min

Lab File: BG032079.D

Acq: 16 Jan 2018 21:08

Instrument :

BNA_G

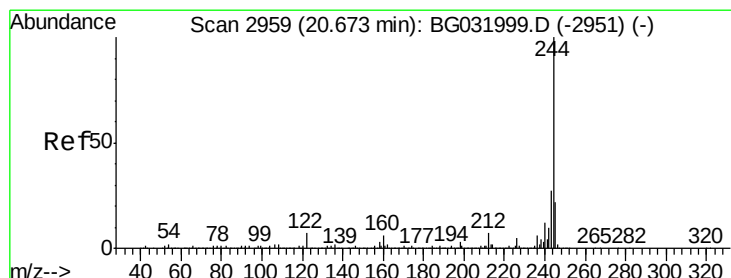
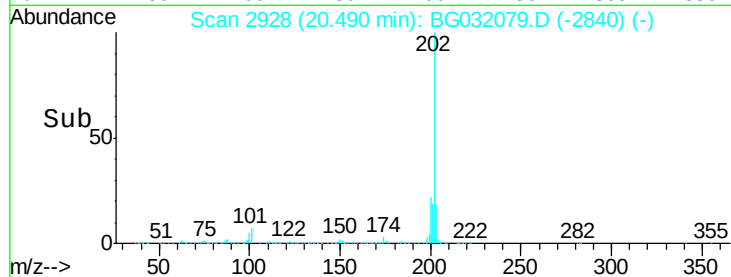
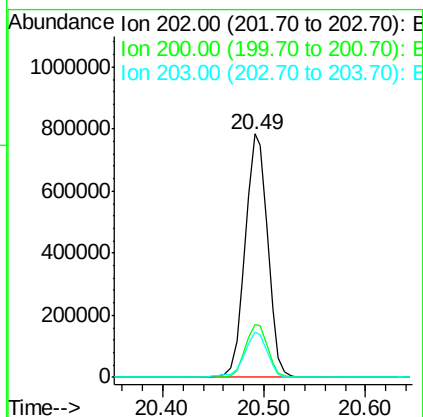
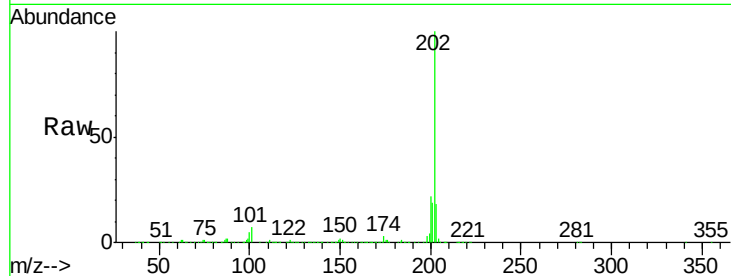
ClientSampleId :

OK-02-011218MSD

Tgt Ion:	202	Resp:	1202247
Ion	Ratio	Lower	Upper
202	100		
200	21.8	16.9	25.3
203	18.5	13.9	20.9

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#78

Terphenyl-d14

Concen: 101.561 ng

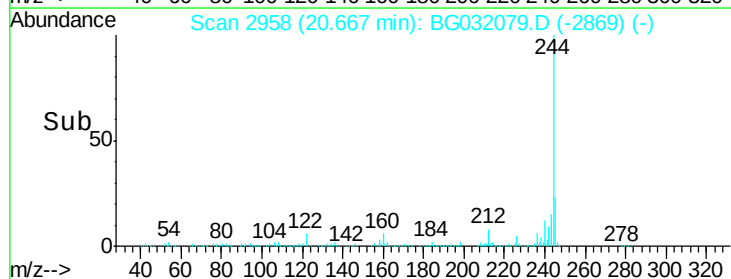
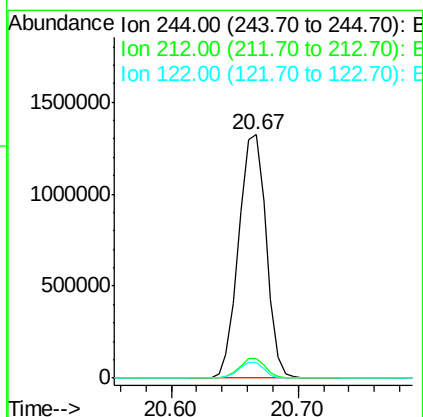
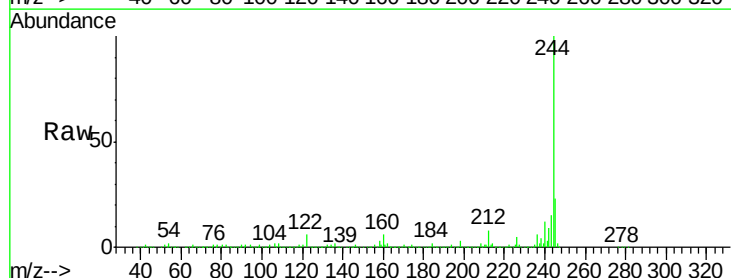
RT: 20.67 min Scan# 2958

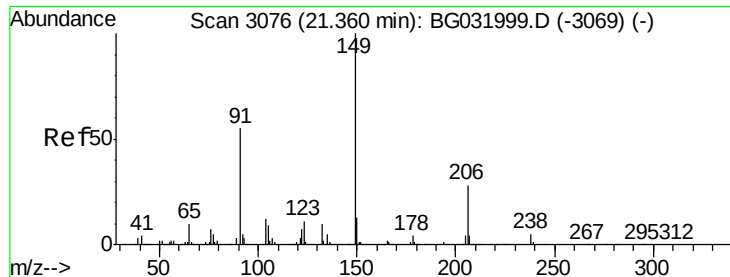
Delta R.T. -0.01 min

Lab File: BG032079.D

Acq: 16 Jan 2018 21:08

Tgt Ion:	244	Resp:	1990561
Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.8	8.8
122	6.3	7.0	10.4#





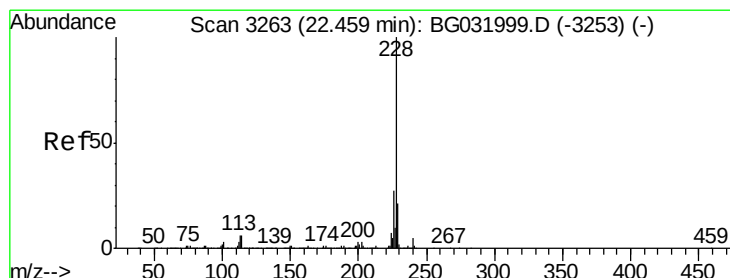
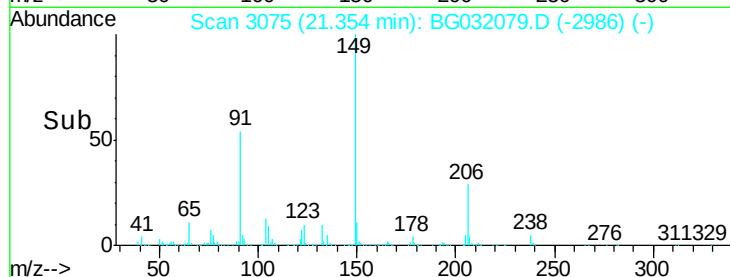
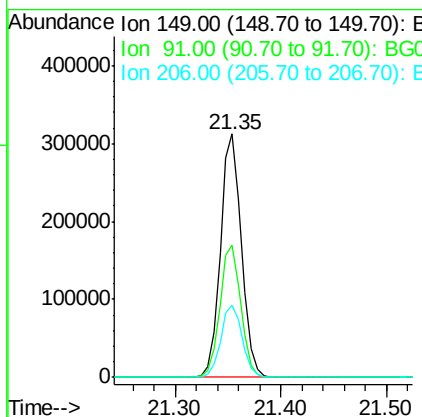
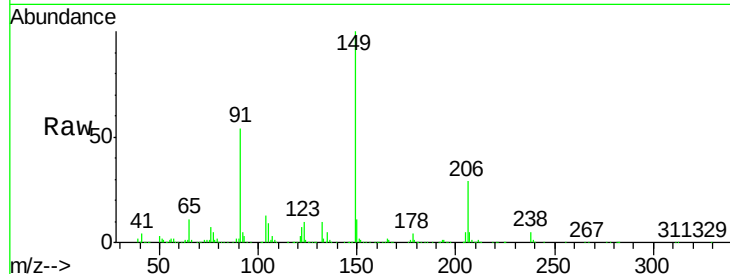
#79
Butylbenzylphthalate
Concen: 44.160 ng
RT: 21.35 min Scan# 3075
Delta R.T. -0.01 min
Lab File: BG032079.D
Acq: 16 Jan 2018 21:08

Instrument :
BNA_G
ClientSampleId :
OK-02-011218MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
91	54.2	62.2	93.2#
206	29.5	18.6	27.8#

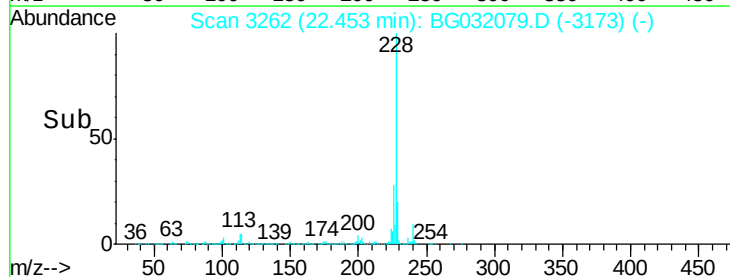
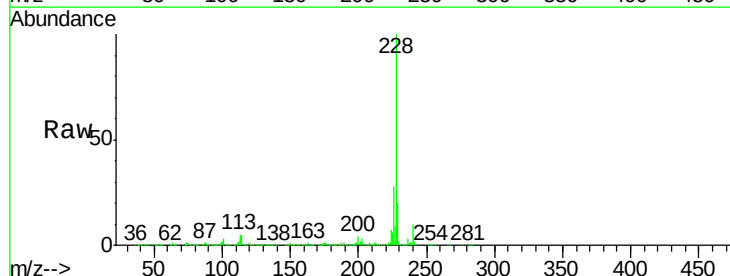
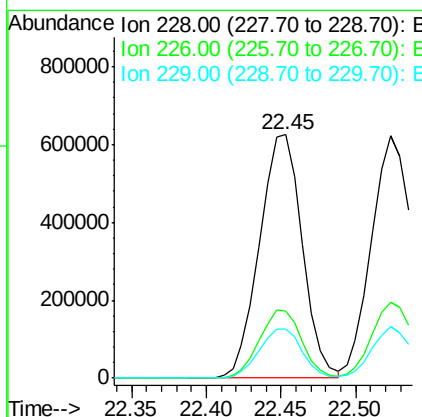
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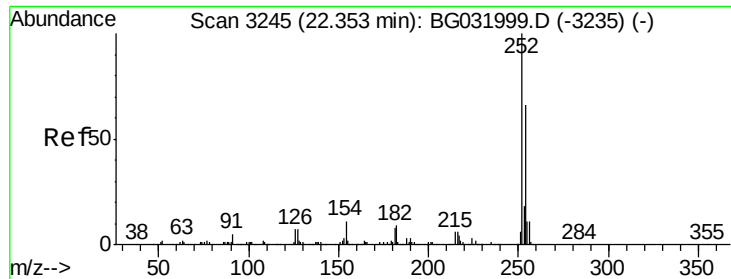
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#80
Benzo(a)anthracene
Concen: 46.252 ng
RT: 22.45 min Scan# 3262
Delta R.T. -0.01 min
Lab File: BG032079.D
Acq: 16 Jan 2018 21:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.7	34.1
229	20.1	16.2	24.2





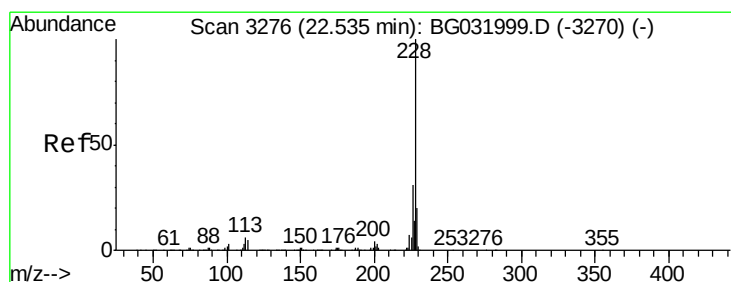
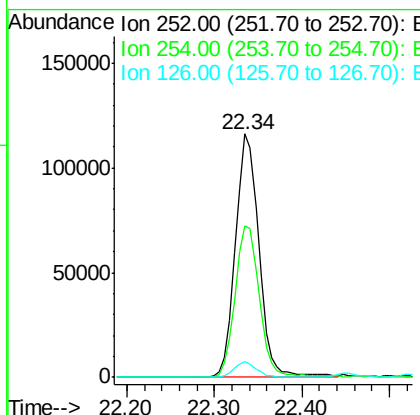
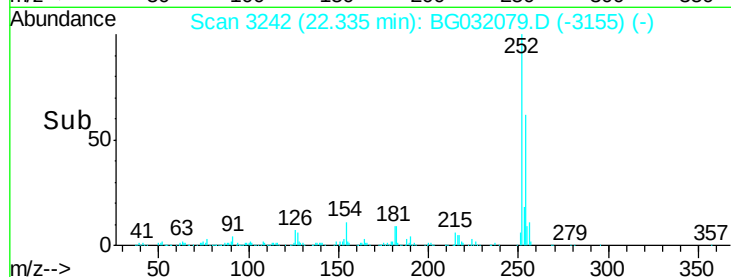
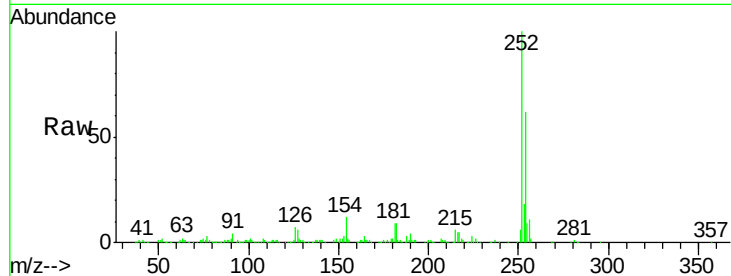
#81
 3,3'-Dichlorobenzidine
 Concen: 21.018 ng
 RT: 22.34 min Scan# 3242
 Delta R.T. -0.02 min
 Lab File: BG032079.D
 Acq: 16 Jan 2018 21:08

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-011218MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.2	50.8	76.2
126	6.5	7.4	11.2

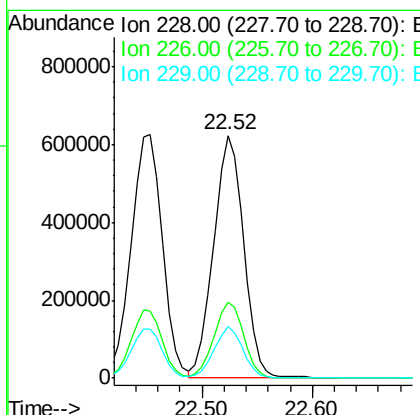
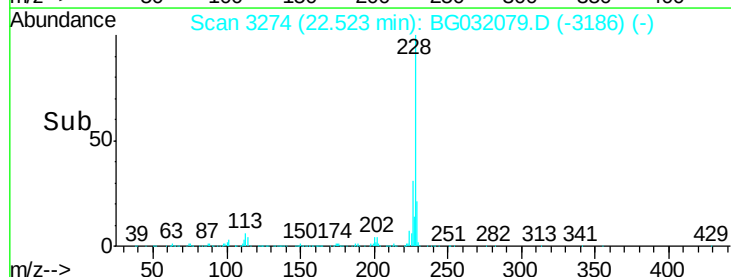
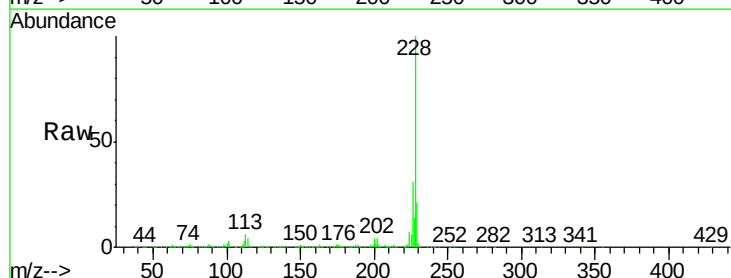
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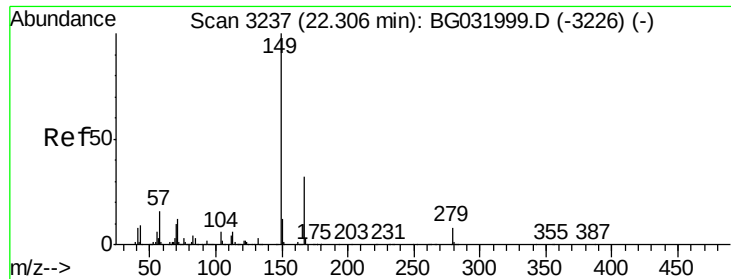
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#82
 Chrysene
 Concen: 45.257 ng
 RT: 22.52 min Scan# 3274
 Delta R.T. -0.01 min
 Lab File: BG032079.D
 Acq: 16 Jan 2018 21:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.9	37.3
229	21.1	15.0	22.4





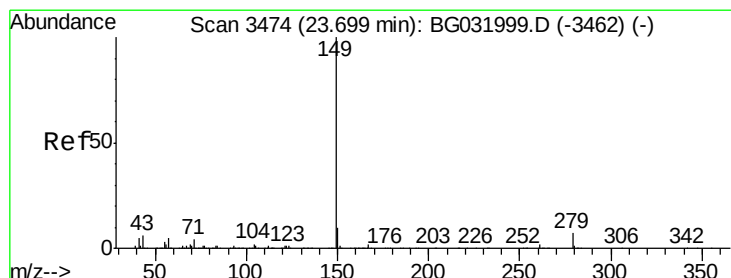
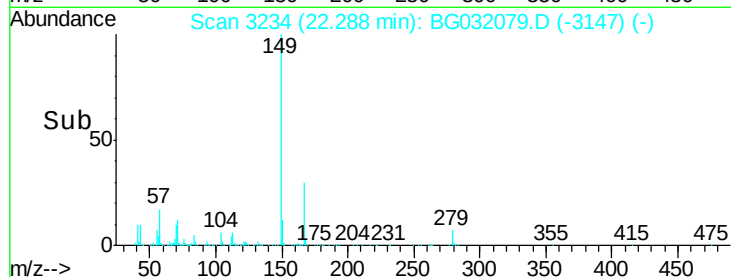
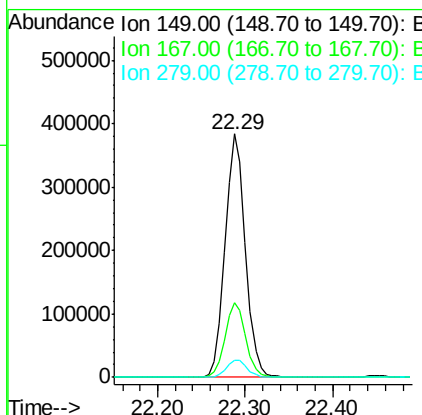
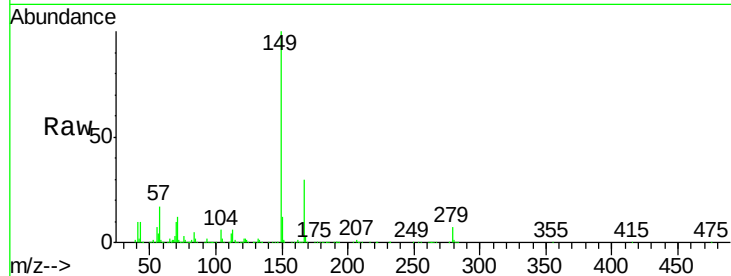
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.691 ng
 RT: 22.29 min Scan# 3234
 Delta R.T. -0.02 min
 Lab File: BG032079.D
 Acq: 16 Jan 2018 21:08

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-011218MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.5	24.3	36.5
279	7.1	4.0	6.0

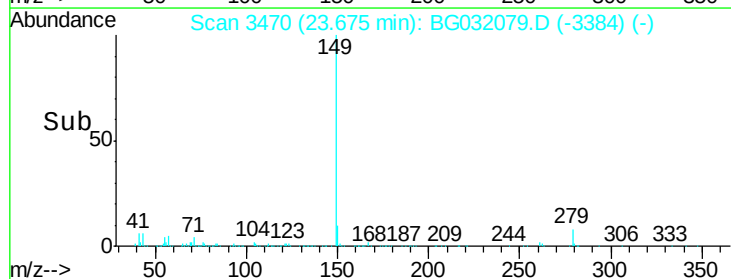
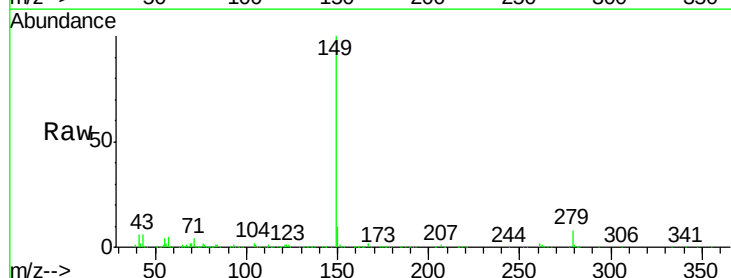
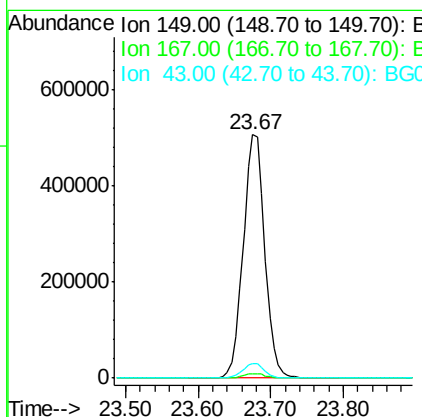
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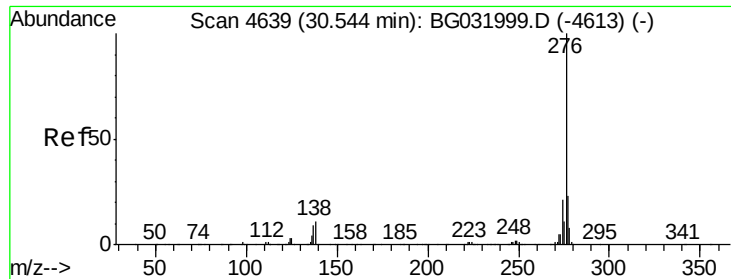
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#84
 Di-n-octyl phthalate
 Concen: 45.834 ng
 RT: 23.67 min Scan# 3470
 Delta R.T. -0.02 min
 Lab File: BG032079.D
 Acq: 16 Jan 2018 21:08

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.0
43	6.2	8.9	13.3





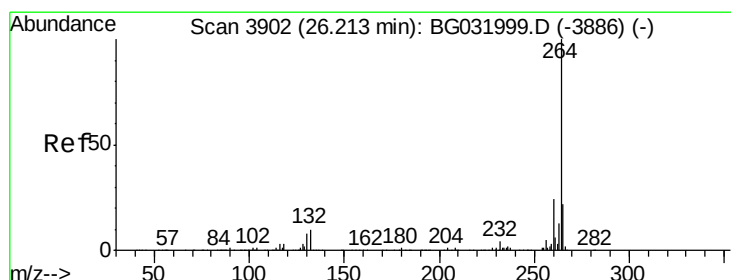
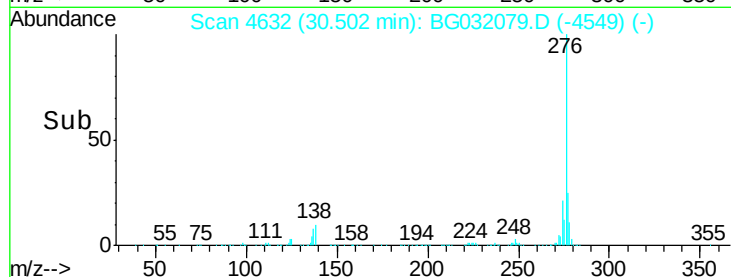
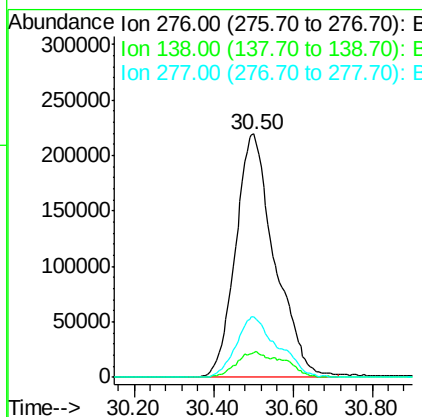
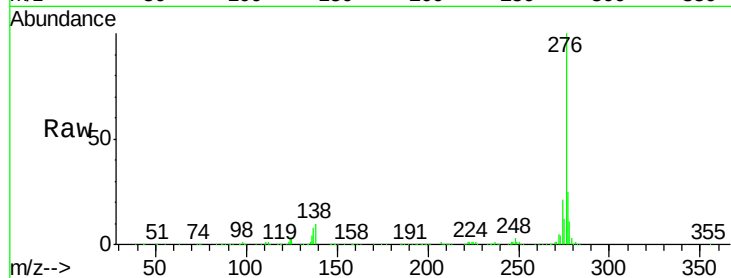
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.579 ng
 RT: 30.50 min Scan# 4632
 Delta R.T. -0.04 min
 Lab File: BG032079.D
 Acq: 16 Jan 2018 21:08

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-011218MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	8.1	16.0	24.0#
277	26.4	20.0	30.0

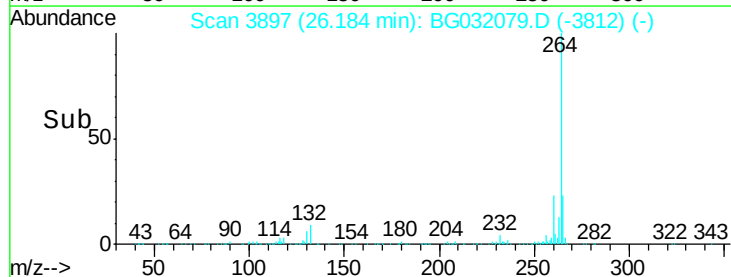
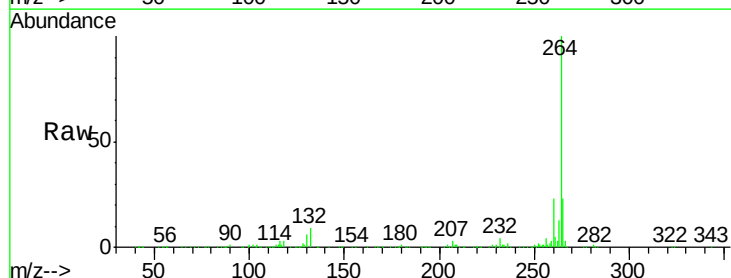
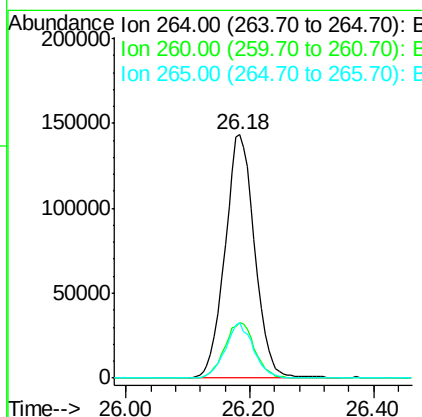
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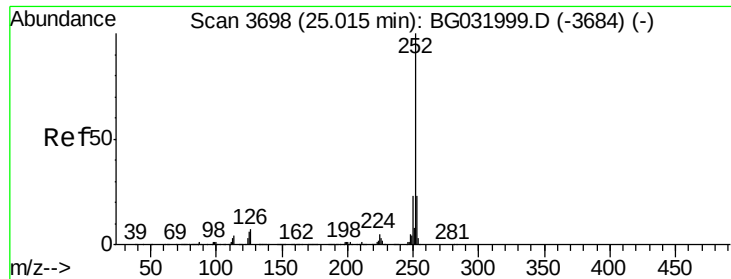
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.18 min Scan# 3897
 Delta R.T. -0.03 min
 Lab File: BG032079.D
 Acq: 16 Jan 2018 21:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.4	26.0
265	22.7	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 45.987 ng

RT: 25.00 min Scan# 3695

Delta R.T. -0.02 min

Lab File: BG032079.D

Acq: 16 Jan 2018 21:08

Instrument :

BNA_G

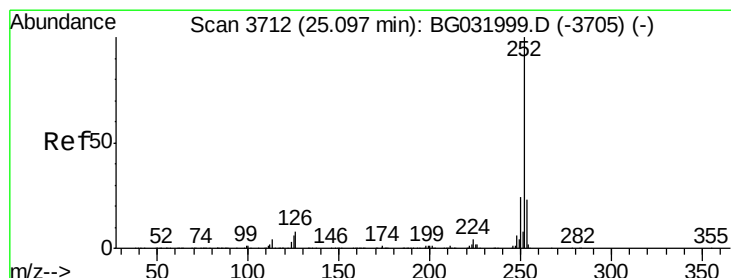
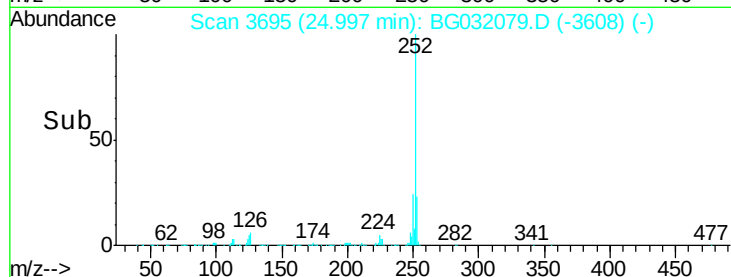
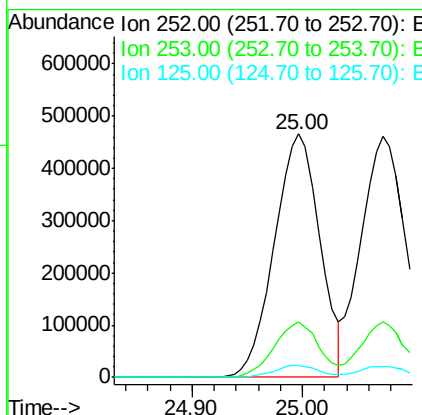
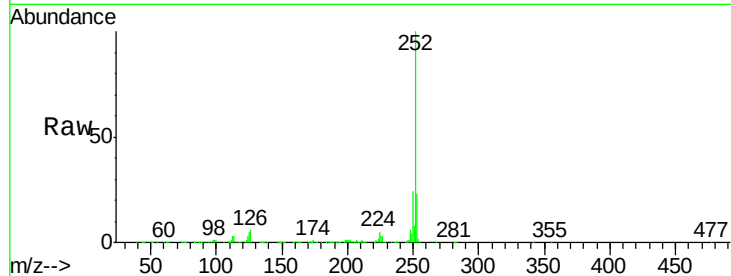
ClientSampleId :

OK-02-011218MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.4
125	4.9	7.2	10.8

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#88

Benzo(k)fluoranthene

Concen: 45.579 ng

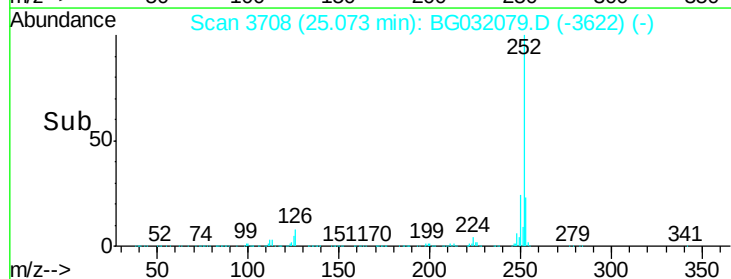
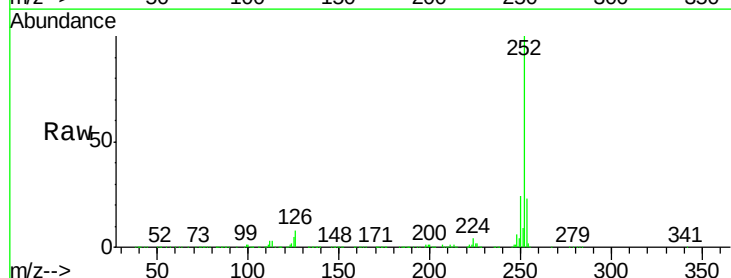
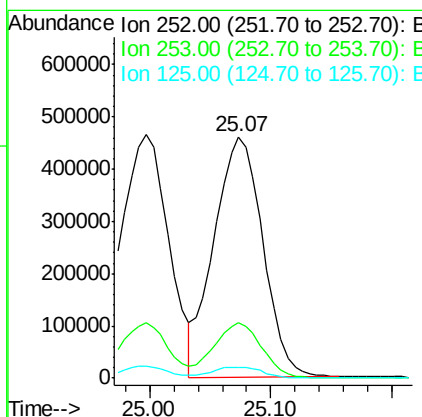
RT: 25.07 min Scan# 3708

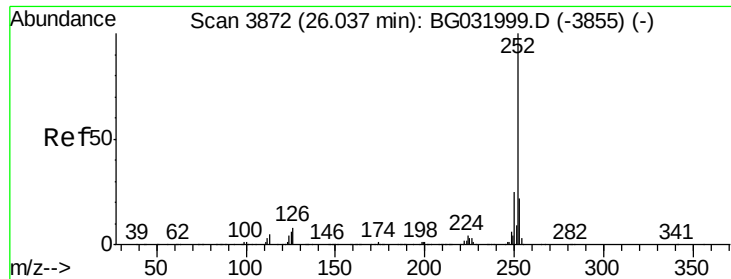
Delta R.T. -0.02 min

Lab File: BG032079.D

Acq: 16 Jan 2018 21:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.2
125	4.6	6.6	9.8





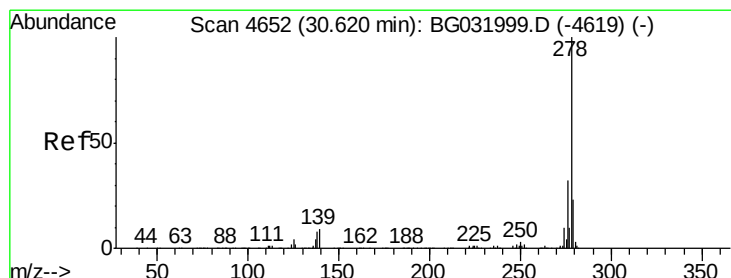
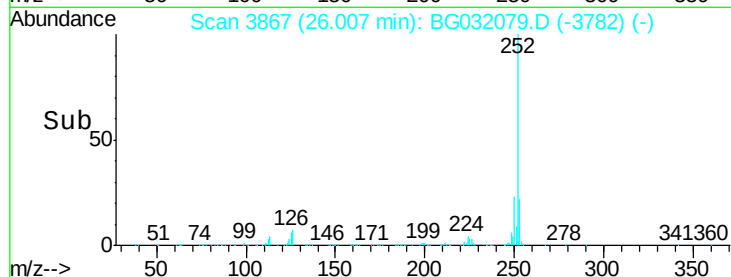
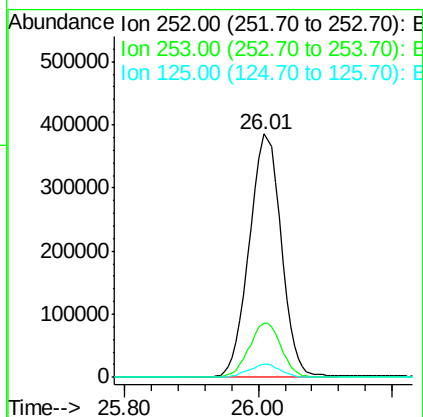
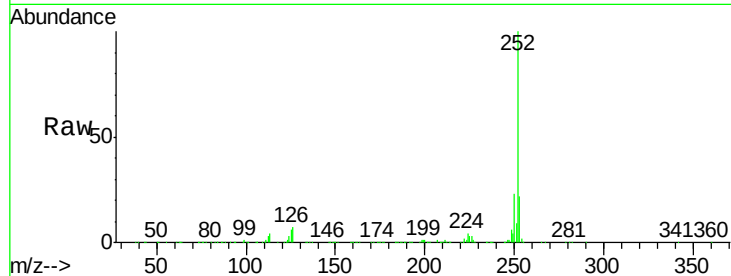
#89
Benzo(a)pyrene
Concen: 46.723 ng
RT: 26.01 min Scan# 3867
Delta R.T. -0.03 min
Lab File: BG032079.D
Acq: 16 Jan 2018 21:08

Instrument :
BNA_G
ClientSampleId :
OK-02-011218MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.3	27.5
125	5.6	7.3	10.9

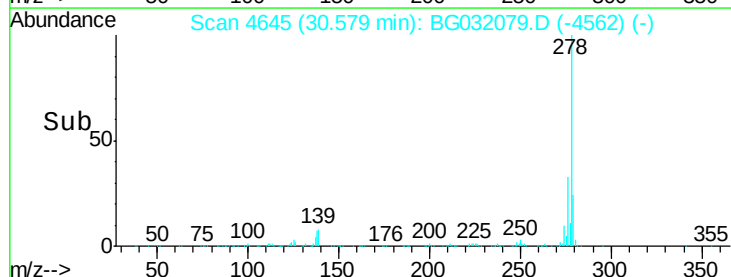
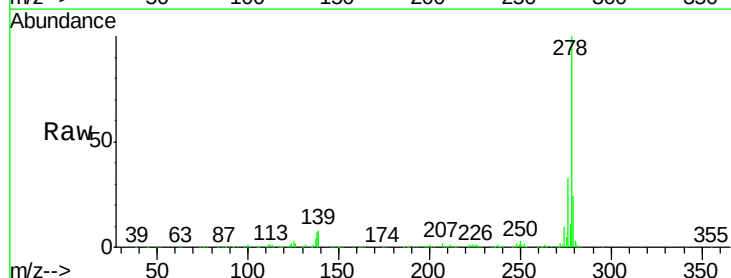
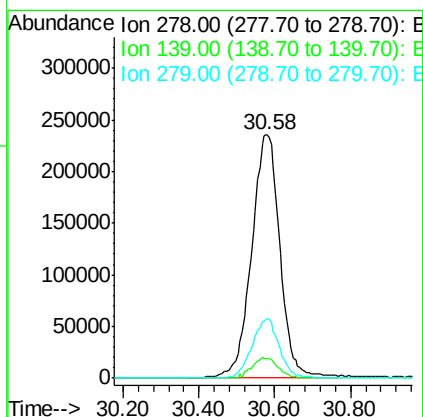
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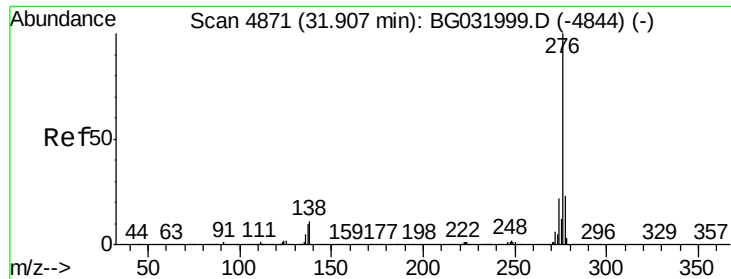
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#90
Dibenzo(a,h)anthracene
Concen: 46.533 ng
RT: 30.58 min Scan# 4645
Delta R.T. -0.04 min
Lab File: BG032079.D
Acq: 16 Jan 2018 21:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	7.9	9.8	14.6
279	24.4	18.4	27.6





#91
 Benzo(g,h,i)perylene
 Concen: 46.930 ng
 RT: 31.86 min Scan# 4863
 Delta R.T. -0.05 min
 Lab File: BG032079.D
 Acq: 16 Jan 2018 21:08

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-011218MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.3	27.5
138	11.3	13.9	20.9

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