

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011618\
 Data File : BG032073.D
 Acq On : 16 Jan 2018 17:22
 Operator : SJ/JU
 Sample : J1114-03MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-22-3.0-3.5MSD

Manual Integrations
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Sohil
 1/17/2018 10:43:07 AM

Quant Time: Jan 17 01:18:26 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	8.77	152	49430	20.00	ng	0.00
21) Naphthalene-d8	11.65	136	198344	20.00	ng	0.00
38) Acenaphthene-d10	15.40	164	136848	20.00	ng	0.00
63) Phenanthrene-d10	18.13	188	369676	20.00	ng	0.00
75) Chrysene-d12	22.47	240	459346	20.00	ng	-0.01
86) Perylene-d12	26.18	264	495045	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	6.19	112	331375	122.61	ng	0.00
7) Phenol-d6	7.87	99	407040	119.58	ng	0.00
23) Nitrobenzene-d5	9.96	82	239456	81.68	ng	0.00
41) 2,4,6-Tribromophenol	16.87	330	277964	122.75	ng	0.00
44) 2-Fluorobiphenyl	14.02	172	747320	67.71	ng	0.00
78) Terphenyl-d14	20.66	244	1468895	70.61	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.85	88	32951	31.735	ng	# 78
3) Pyridine	4.30	79	89051	32.131	ng	# 81
4) n-Nitrosodimethylamine	4.21	42	46072	47.317	ng	# 90
6) Aniline	8.06	93	47241	11.003	ng	# 89
8) 2-Chlorophenol	8.31	128	123984	40.996	ng	84
9) Benzaldehyde	7.87	77	17330	8.787	ng	87
10) Phenol	7.90	94	146708	43.754	ng	96
11) bis(2-Chloroethyl)ether	8.15	93	95584	35.582	ng	# 79
12) 1,3-Dichlorobenzene	8.65	146	138717m	35.046	ng	
13) 1,4-Dichlorobenzene	8.80	146	140931	35.362	ng	93
14) 1,2-Dichlorobenzene	9.14	146	136092	35.306	ng	96
15) Benzyl Alcohol	9.00	79	99765	40.346	ng	88
16) 2,2'-oxybis(1-Chloropropan	9.29	45	101256	37.090	ng	77
17) 2-Methylphenol	9.20	107	97513	38.054	ng	96
18) Hexachloroethane	9.89	117	46247	37.758	ng	91
19) n-Nitroso-di-n-propylamine	9.58	70	78092	36.976	ng	# 87
20) 3+4-Methylphenols	9.54	107	136682	38.503	ng	93
22) Acetophenone	9.61	105	178059	39.521	ng	# 89
24) Nitrobenzene	10.01	77	117353	40.130	ng	# 86
25) Isophorone	10.53	82	221136	40.509	ng	# 84
26) 2-Nitrophenol	10.73	139	72951	42.101	ng	# 82
27) 2,4-Dimethylphenol	10.77	122	121938	44.346	ng	93
28) bis(2-Chloroethoxy)methane	11.01	93	136144	41.393	ng	# 96
29) 2,4-Dichlorophenol	11.27	162	150486	44.477	ng	90
30) 1,2,4-Trichlorobenzene	11.50	180	162961	37.294	ng	93
31) Naphthalene	11.70	128	359655	36.604	ng	99
32) Benzoic acid	10.88	122	9208	8.973	ng	# 60
33) 4-Chloroaniline	11.79	127	48871	11.599	ng	# 87
34) Hexachlorobutadiene	11.97	225	114960	36.629	ng	95
35) Caprolactam	12.54	113	46241	45.049	ng	# 50
36) 4-Chloro-3-methylphenol	12.86	107	137916	44.533	ng	87
37) 2-Methylnaphthalene	13.26	142	297732	38.167	ng	94
39) 1,2,4,5-Tetrachlorobenzene	13.61	216	226655	37.996	ng	# 96
40) Hexachlorocyclopentadiene	13.59	237	284644	84.720	ng	93

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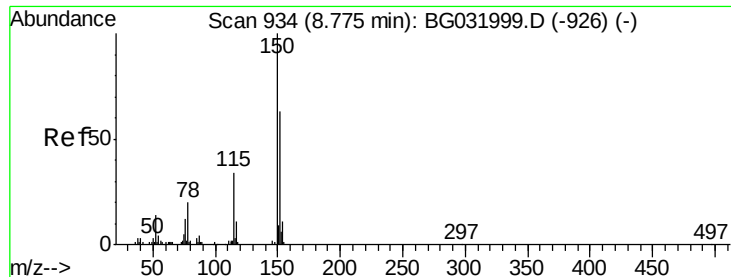
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Quant Time: Jan 17 01:18:26 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.84	196	141995	42.365	ng	98
43) 2,4,5-Trichlorophenol	13.91	196	155544	40.093	ng #	90
45) 1,1'-Biphenyl	14.24	154	427847	36.470	ng	96
46) 2-Chloronaphthalene	14.29	162	327526	35.887	ng	96
47) 2-Nitroaniline	14.48	65	75991	43.494	ng #	62
48) Acenaphthylene	15.13	152	492339	35.426	ng	99
49) Dimethylphthalate	14.83	163	515335	43.033	ng #	99
50) 2,6-Dinitrotoluene	14.95	165	102659	41.300	ng #	71
51) Acenaphthene	15.46	154	378892	41.230	ng	97
52) 3-Nitroaniline	15.28	138	41675	18.563	ng #	79
53) 2,4-Dinitrophenol	15.49	184	129932	102.097	ng #	54
54) Dibenzofuran	15.79	168	521894	38.070	ng	99
55) 4-Nitrophenol	15.56	139	160710	98.228	ng #	77
56) 2,4-Dinitrotoluene	15.73	165	150126	44.860	ng #	63
57) Fluorene	16.43	166	426090	37.897	ng	98
58) 2,3,4,6-Tetrachlorophenol	16.00	232	172971	48.196	ng #	85
59) Diethylphthalate	16.17	149	445319	38.358	ng	96
60) 4-Chlorophenyl-phenylether	16.41	204	269001	39.002	ng	92
61) 4-Nitroaniline	16.44	138	82940	38.513	ng	89
62) Azobenzene	16.70	77	282371	38.859	ng	87
64) 4,6-Dinitro-2-methylphenol	16.49	198	95288	41.057	ng #	69
65) n-Nitrosodiphenylamine	16.62	169	404186	36.032	ng	98
66) 4-Bromophenyl-phenylether	17.30	248	195001	37.074	ng	95
67) Hexachlorobenzene	17.43	284	199523	34.287	ng #	91
68) Atrazine	17.55	200	198997	42.183	ng	98
69) Pentachlorophenol	17.77	266	290523	78.107	ng	98
70) Phenanthrene	18.17	178	747514	36.319	ng	99
71) Anthracene	18.26	178	768001	37.412	ng	98
72) Carbazole	18.52	167	686075	38.526	ng	100
73) Di-n-butylphthalate	19.03	149	779474	37.042	ng	99
74) Fluoranthene	20.14	202	1005176	39.006	ng	95
76) Benzidine	20.29	184	206044	17.938	ng	99
77) Pyrene	20.49	202	1020650	35.346	ng	98
79) Butylbenzylphthalate	21.35	149	367070	35.479	ng #	76
80) Benzo(a)anthracene	22.44	228	1063510	37.229	ng	98
81) 3,3'-Dichlorobenzidine	22.33	252	187129	17.535	ng #	96
82) Chrysene	22.52	228	993048	36.197	ng	98
83) Bis(2-ethylhexyl)phthalate	22.29	149	518483	34.175	ng #	96
84) Di-n-octyl phthalate	23.67	149	895957	37.183	ng #	88
85) Indeno(1,2,3-cd)pyrene	30.48	276	1255856	37.405	ng #	88
87) Benzo(b)fluoranthene	24.99	252	1138061	38.033	ng #	97
88) Benzo(k)fluoranthene	25.06	252	1071501	36.646	ng #	94
89) Benzo(a)pyrene	26.00	252	1072860	37.902	ng #	97
90) Dibenzo(a,h)anthracene	30.56	278	1028805	37.717	ng #	95
91) Benzo(g,h,i)perylene	31.83	276	1071807	38.445	ng #	92

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



#1

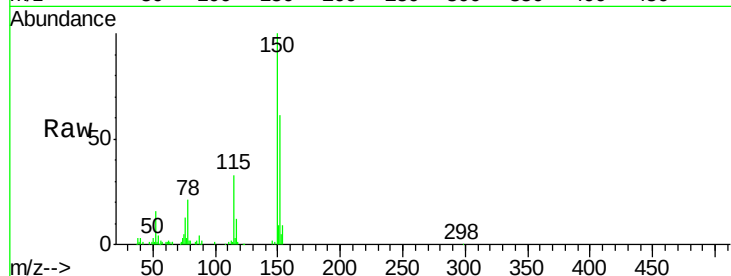
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.77 min Scan# 932
Delta R.T. -0.01 min
Lab File: BG032073.D
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ClientSampleId :
SB-22-3.0-3.5MSD

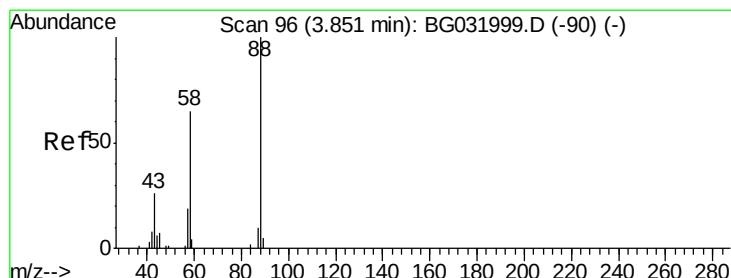
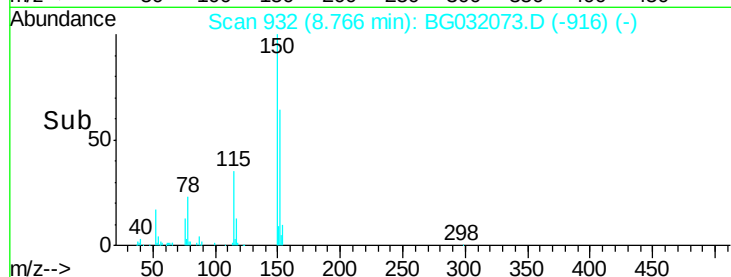
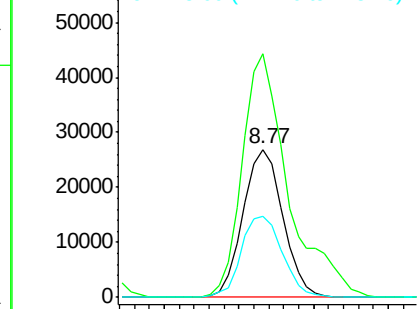
Tgt Ion	Ratio	Lower	Upper
152	100		
150	164.7	126.6	189.8
115	54.9	53.0	79.4

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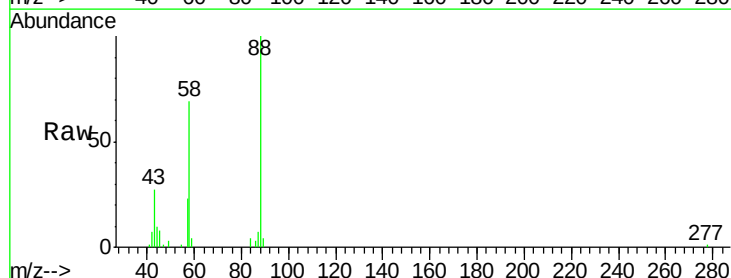
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



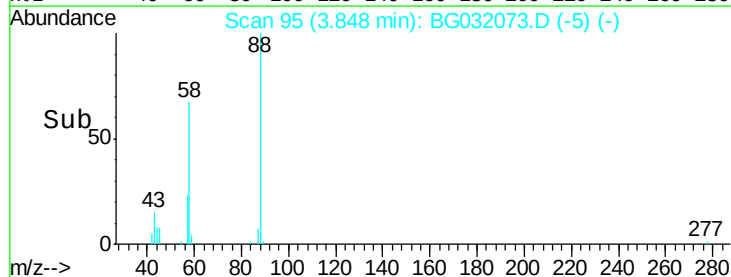
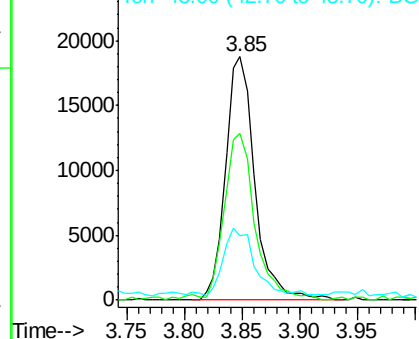
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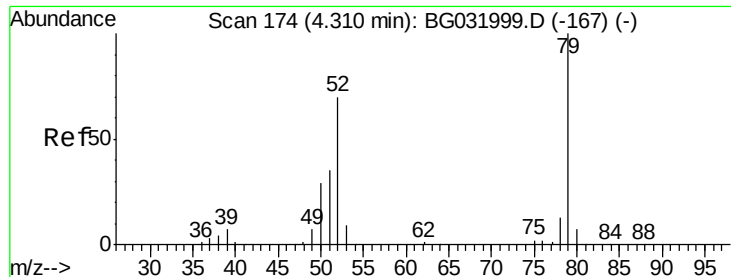
1,4-Dioxane
Concen: 31.735 ng
RT: 3.85 min Scan# 95
Delta R.T. -0.00 min
Lab File: BG032073.D
Acq: 16 Jan 2018 17:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.3	79.6	119.4#
43	29.4	27.4	41.0



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 32.131 ng

RT: 4.30 min Scan# 172

Delta R.T. -0.01 min

Lab File: BG032073.D

Acq: 16 Jan 2018 17:22

Instrument :

BNA_G

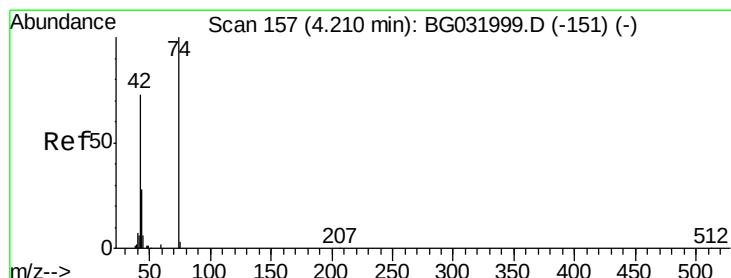
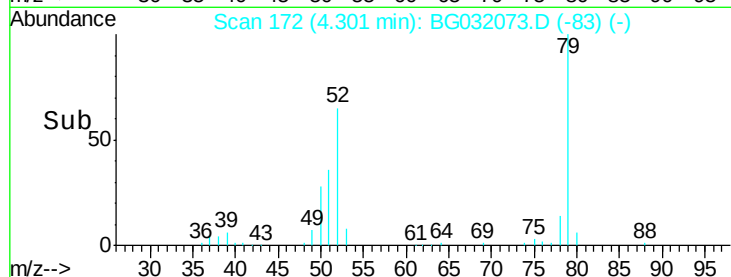
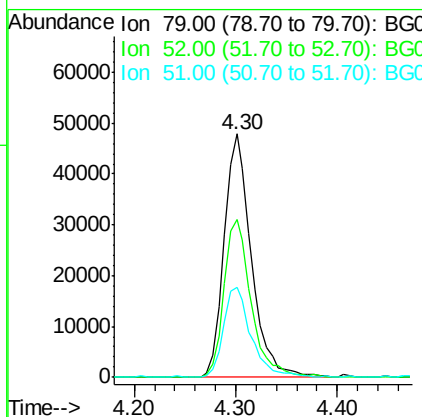
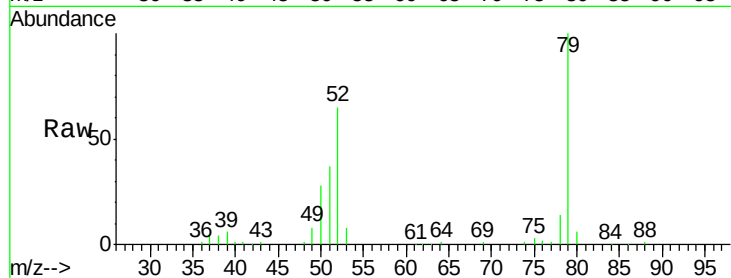
ClientSampleId :

SB-22-3.0-3.5MSD

Tgt Ion:	79	Resp:	89051
Ion Ratio	Lower	Upper	
79	100		
52	64.8	69.9	104.9#
51	36.8	34.0	51.0

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#4

n-Nitrosodimethylamine

Concen: 47.317 ng

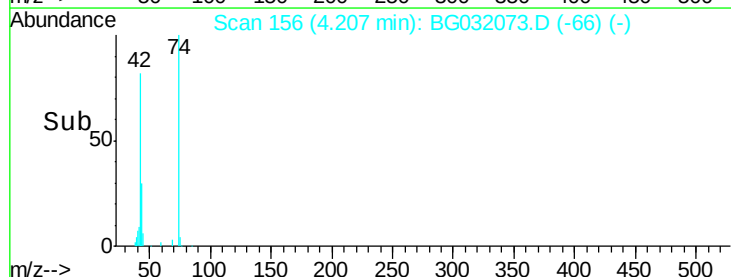
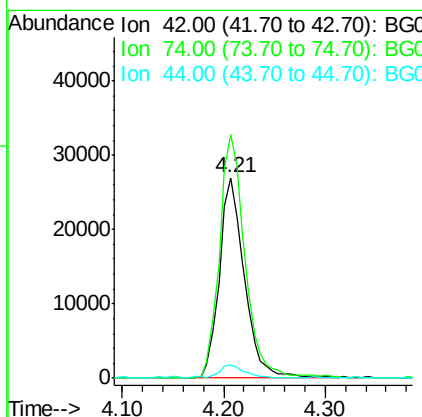
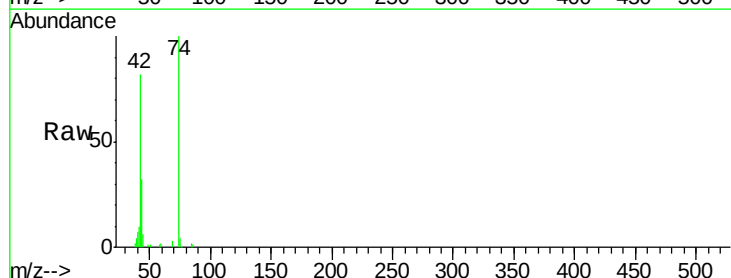
RT: 4.21 min Scan# 156

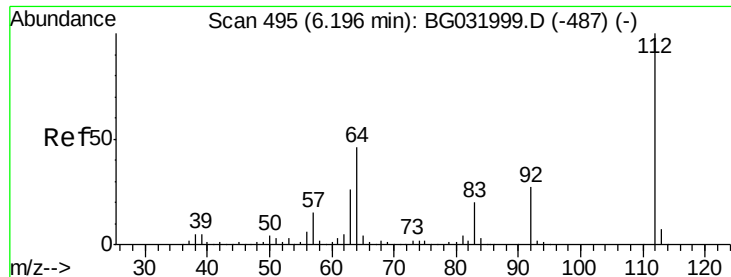
Delta R.T. -0.00 min

Lab File: BG032073.D

Acq: 16 Jan 2018 17:22

Tgt Ion:	42	Resp:	46072
Ion Ratio	Lower	Upper	
42	100		
74	121.6	102.5	153.7
44	6.7	18.9	28.3#





#5

2-Fluorophenol

Concen: 122.610 ng

RT: 6.19 min Scan# 494

Delta R.T. -0.00 min

Lab File: BG032073.D

Acq: 16 Jan 2018 17:22

Instrument :

BNA_G

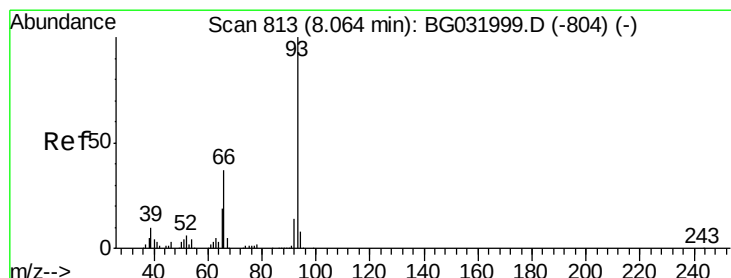
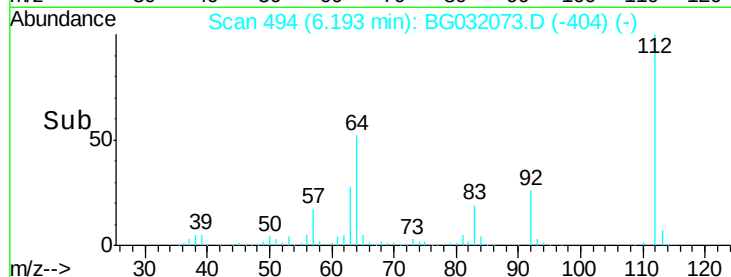
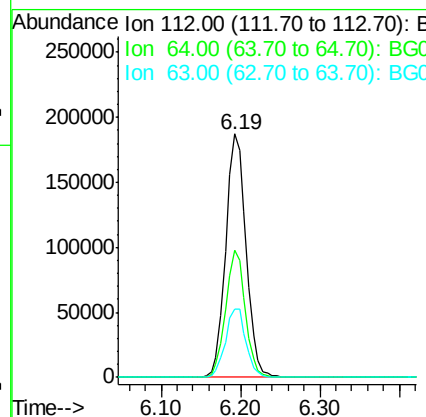
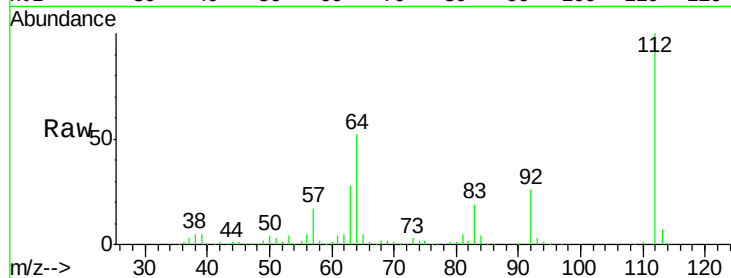
ClientSampleId :

SB-22-3.0-3.5MSD

Tgt Ion:	112	Resp:	331375
Ion Ratio	Lower	Upper	
112	100		
64	52.4	56.3	84.5#
63	28.1	30.1	45.1#

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#6

Aniline

Concen: 11.003 ng

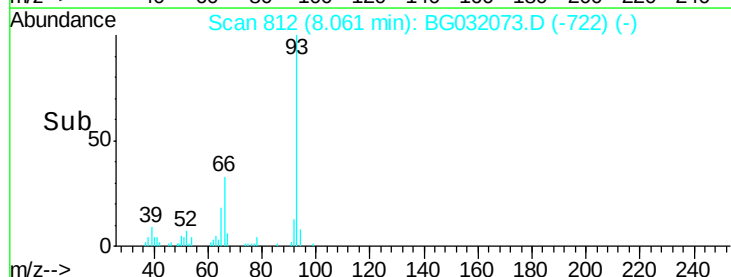
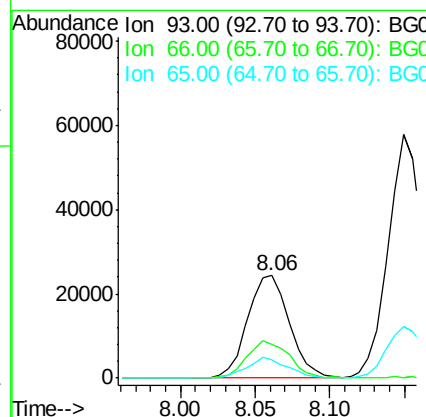
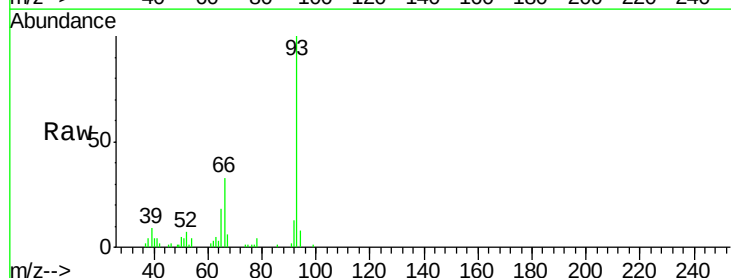
RT: 8.06 min Scan# 812

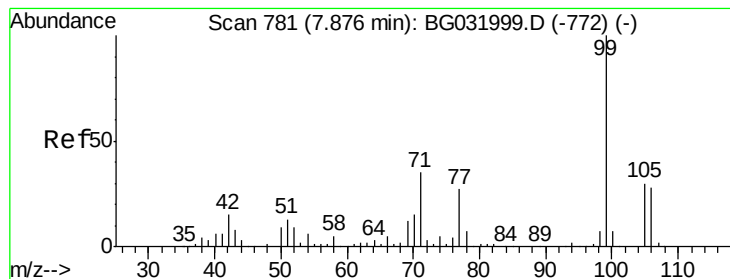
Delta R.T. -0.00 min

Lab File: BG032073.D

Acq: 16 Jan 2018 17:22

Tgt Ion:	93	Resp:	47241
Ion Ratio	Lower	Upper	
93	100		
66	32.8	33.7	50.5#
65	18.1	16.1	24.1





#7

Phenol-d6

Concen: 119.583 ng

RT: 7.87 min Scan# 780

Delta R.T. -0.00 min

Lab File: BG032073.D

Acq: 16 Jan 2018 17:22

Instrument :

BNA_G

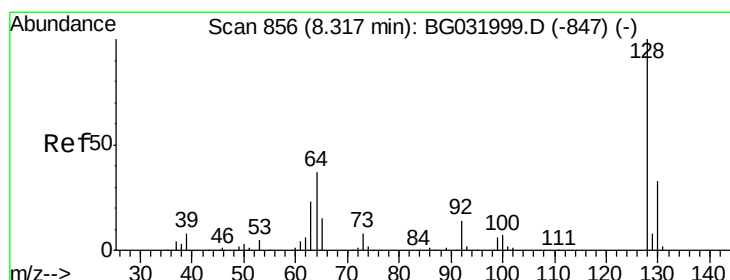
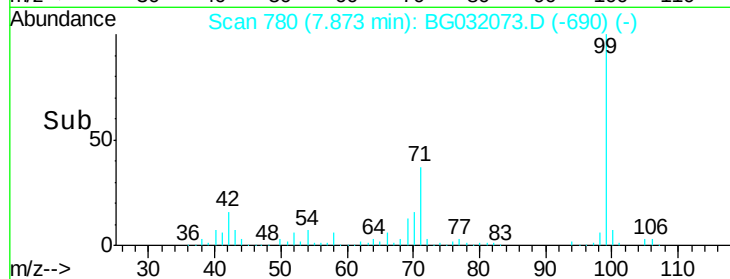
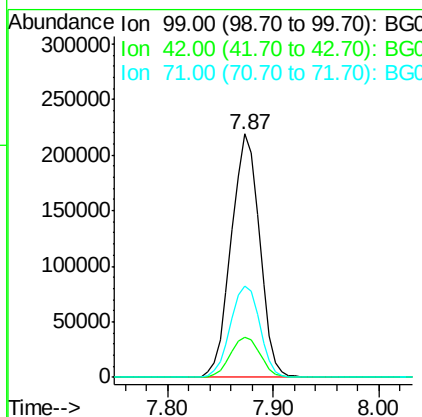
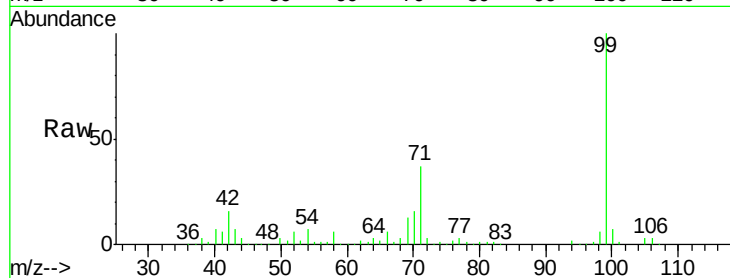
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SB-22-3.0-3.5MSD

Tgt Ion:	99	Resp:	407040
Ion Ratio	Lower	Upper	
99	100		
42	16.3	14.1	21.1
71	37.3	26.1	39.1

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#8

2-Chlorophenol

Concen: 40.996 ng

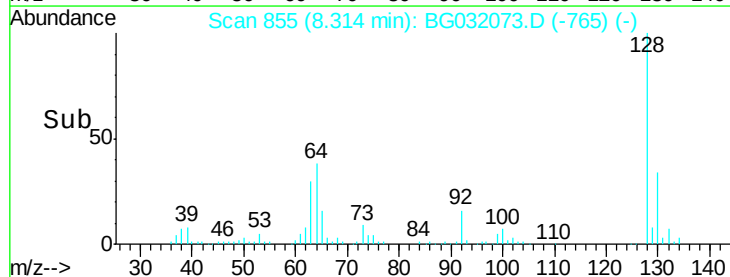
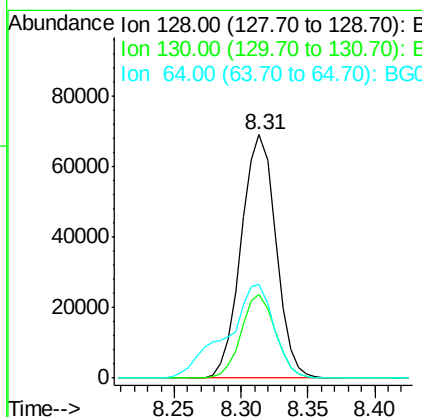
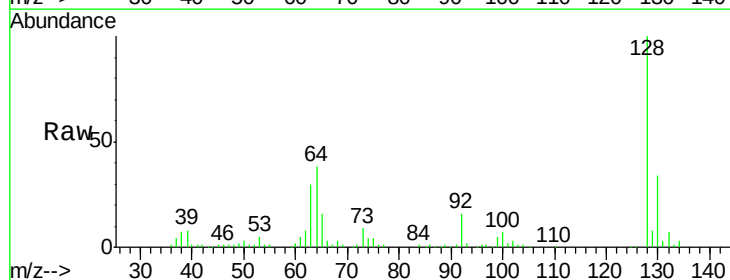
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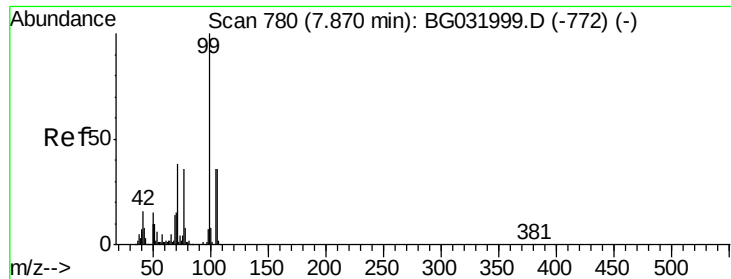
Delta R.T. -0.00 min

Lab File: BG032073.D

Acq: 16 Jan 2018 17:22

Tgt Ion:	128	Resp:	123984
Ion Ratio	Lower	Upper	
128	100		
130	34.1	14.0	54.0
64	38.5	37.7	77.7





#9

Benzaldehyde

Concen: 8.787 ng

RT: 7.87 min Scan# 779

Delta R.T. -0.00 min

Lab File: BG032073.D

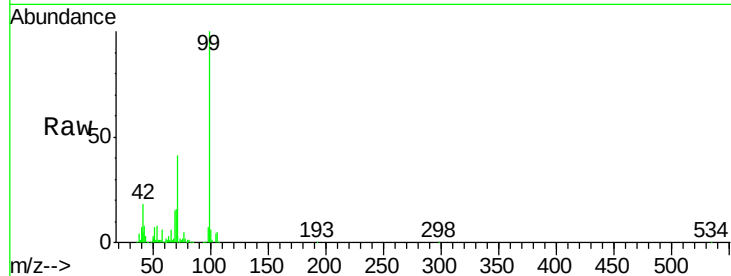
Acq: 16 Jan 2018 17:22

Instrument :

BNA_G

ClientSampleId :

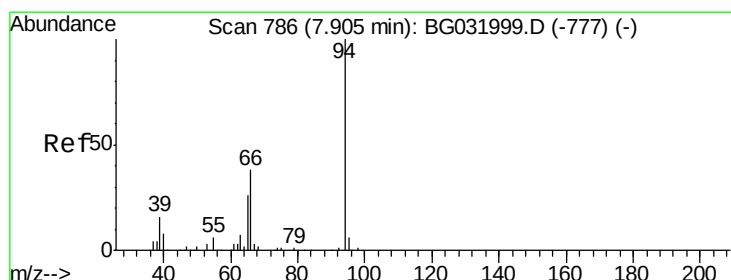
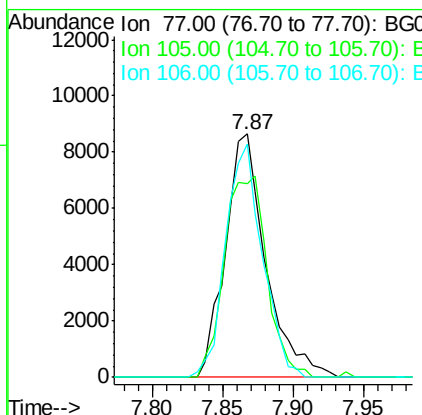
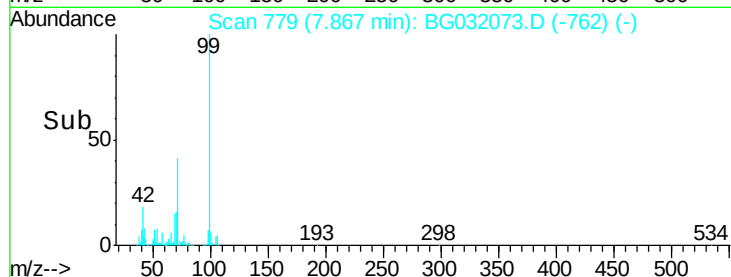
SB-22-3.0-3.5MSD



Tgt Ion:	77	Resp:	17330
Ion	Ratio	Lower	Upper
77	100		
105	79.4	71.3	111.3
106	95.6	64.2	104.2

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#10

Phenol

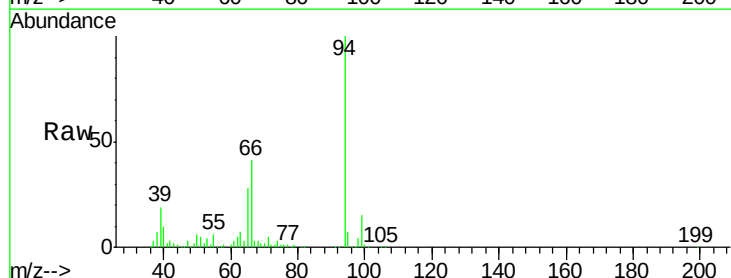
Concen: 43.754 ng

RT: 7.90 min Scan# 785

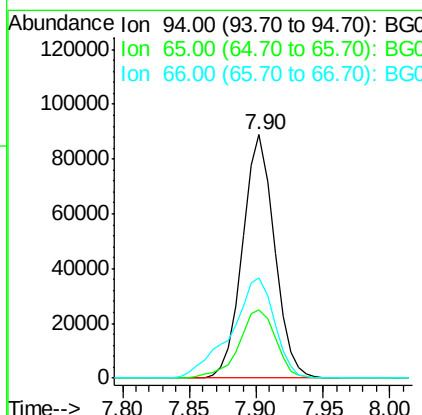
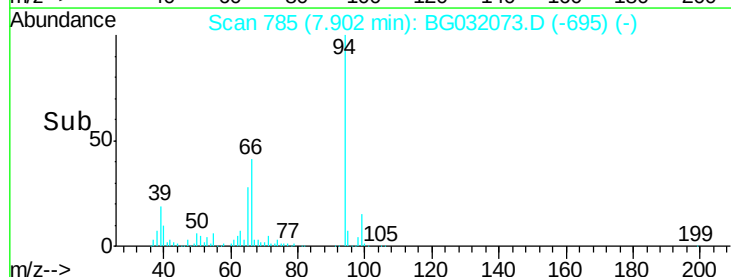
Delta R.T. -0.00 min

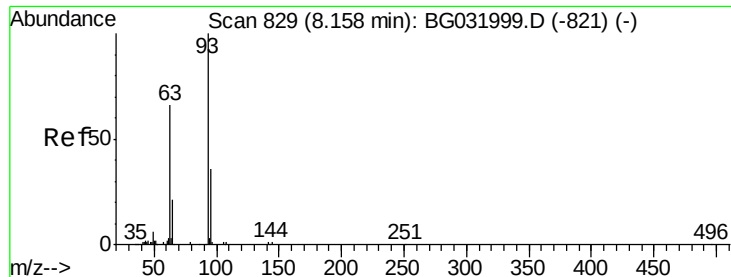
Lab File: BG032073.D

Acq: 16 Jan 2018 17:22



Tgt Ion:	94	Resp:	146708
Ion	Ratio	Lower	Upper
94	100		
65	27.9	11.9	51.9
66	41.1	22.2	62.2





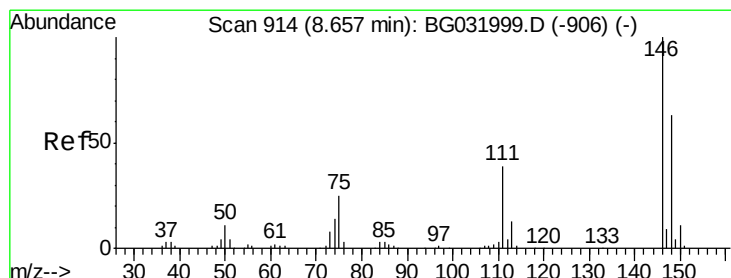
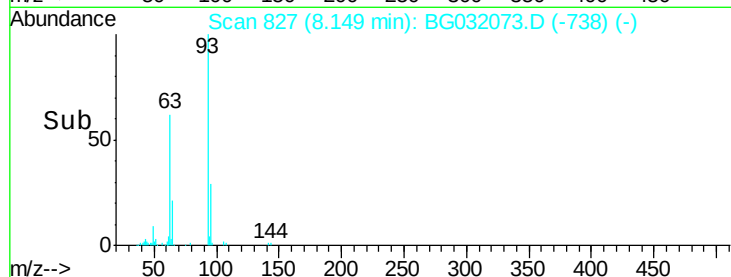
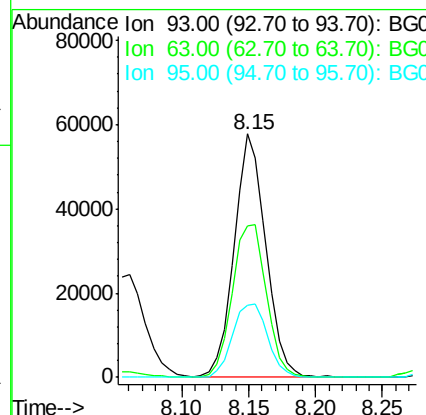
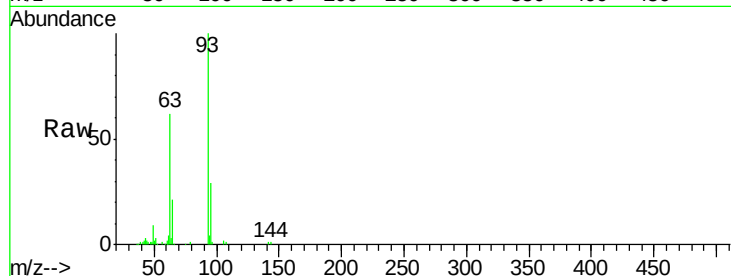
#11
bis(2-Chloroethyl)ether
Concen: 35.582 ng
RT: 8.15 min Scan# 827
Delta R.T. -0.01 min
Lab File: BG032073.D
Acq: 16 Jan 2018 17:22

Instrument :
BNA_G
ClientSampleId :
SB-22-3.0-3.5MSD

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
63	62.3	67.1	107.1#
95	29.5	11.5	51.5

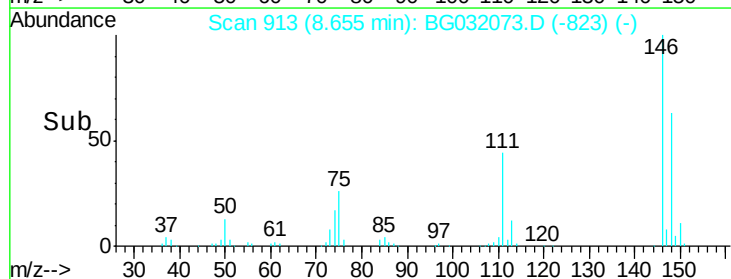
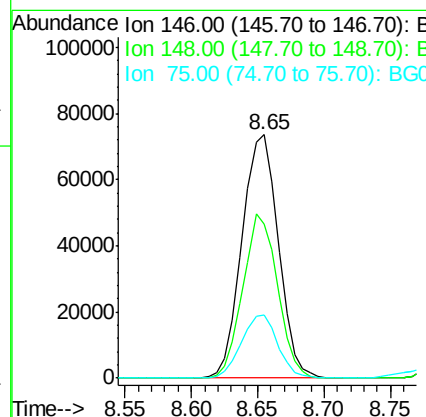
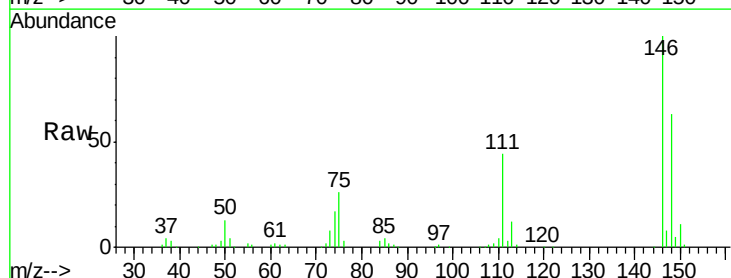
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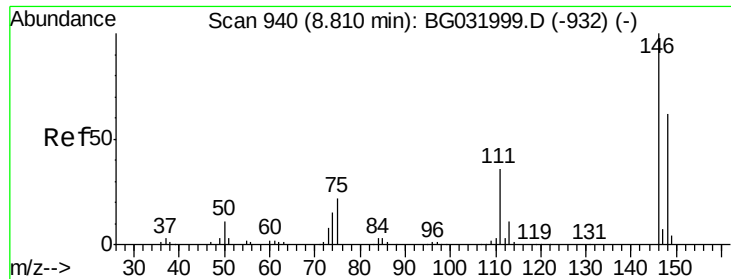
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#12
1,3-Dichlorobenzene
Concen: 35.046 ng m
RT: 8.65 min Scan# 913
Delta R.T. -0.00 min
Lab File: BG032073.D
Acq: 16 Jan 2018 17:22

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	63.2	51.4	77.2
75	25.8	26.6	39.8#





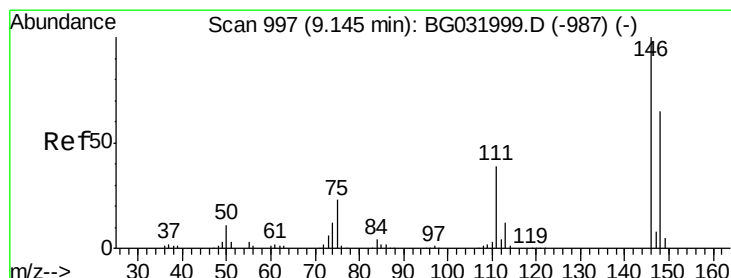
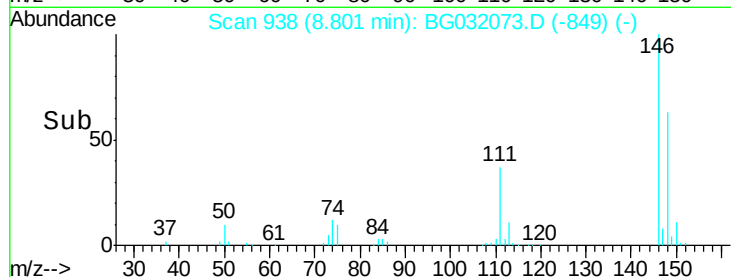
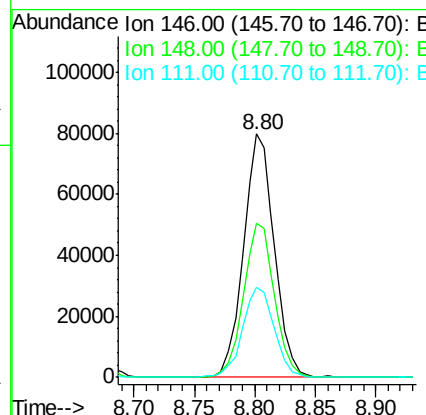
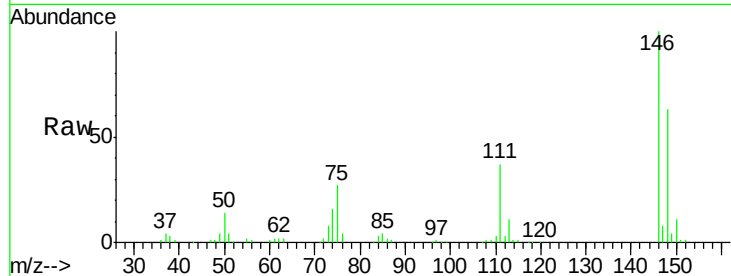
#13
 1,4-Dichlorobenzene
 Concen: 35.362 ng
 RT: 8.80 min Scan# 938
 Delta R.T. -0.01 min
 Lab File: BG032073.D
 Acq: 16 Jan 2018 17:22

Instrument :
 BNA_G
 ClientSampleId :
 SB-22-3.0-3.5MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	53.7	80.5
111	37.2	35.2	52.8

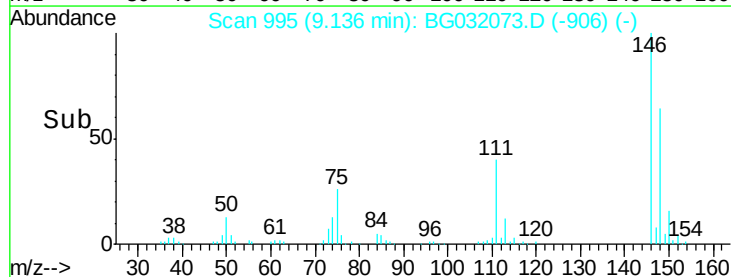
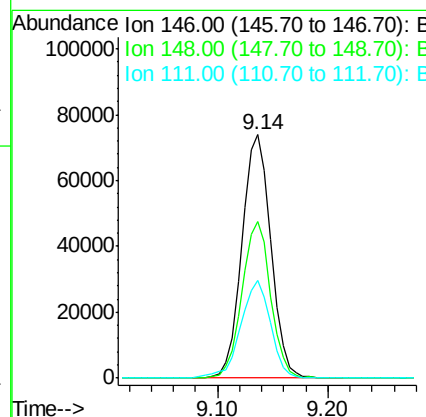
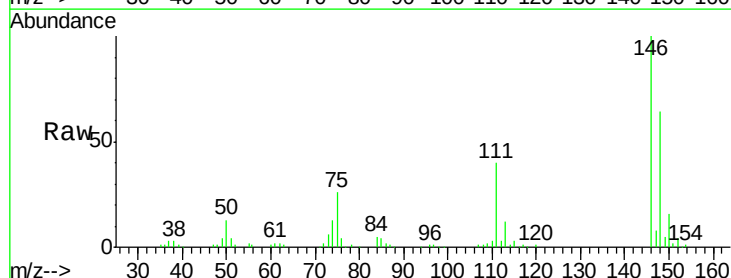
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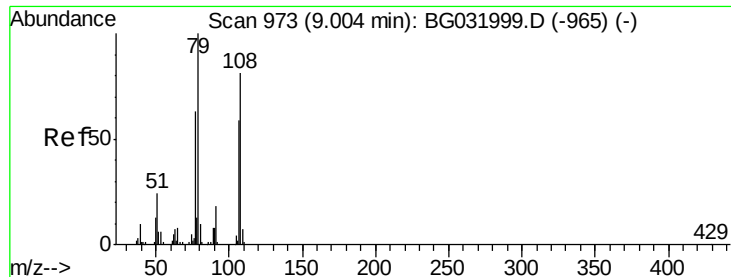
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 35.306 ng
 RT: 9.14 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BG032073.D
 Acq: 16 Jan 2018 17:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	49.3	73.9
111	40.1	34.3	51.5





#15

Benzyl Alcohol

Concen: 40.346 ng

RT: 9.00 min Scan# 972

Delta R.T. -0.00 min

Lab File: BG032073.D

Acq: 16 Jan 2018 17:22

Instrument :

BNA_G

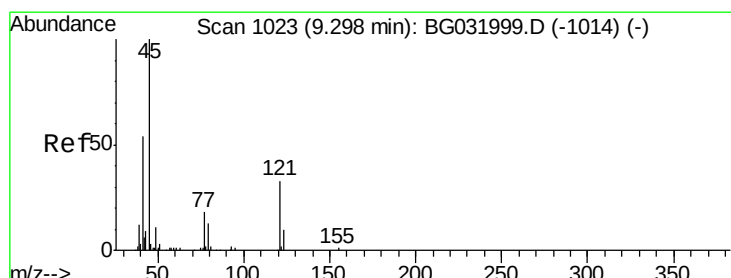
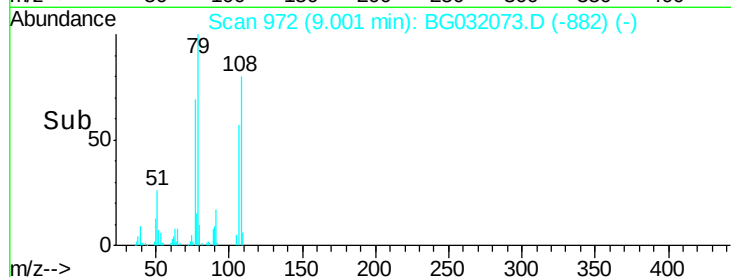
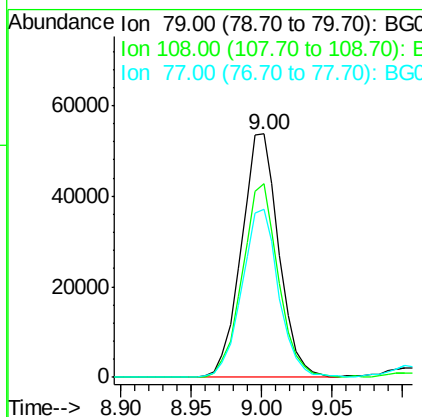
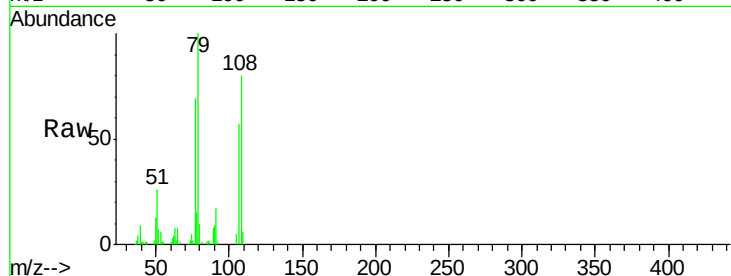
ClientSampleId :

SB-22-3.0-3.5MSD

Tgt Ion:	79	Resp:	99765
Ion Ratio	Lower	Upper	
79	100		
108	79.6	57.2	85.8
77	69.1	46.1	69.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.090 ng

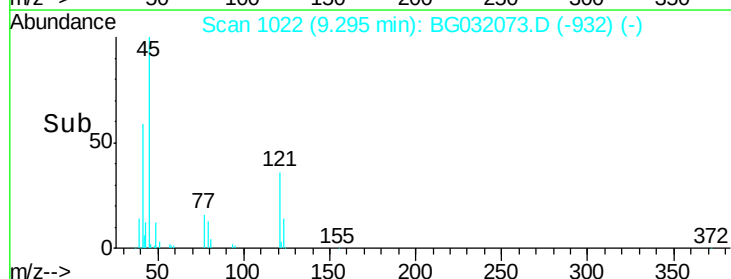
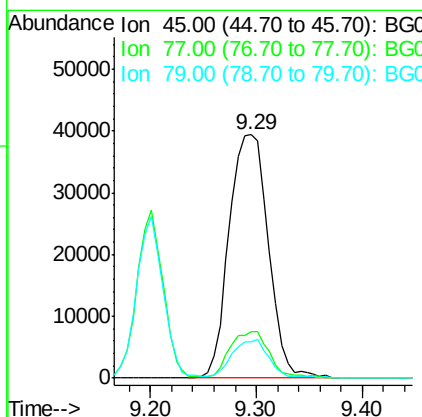
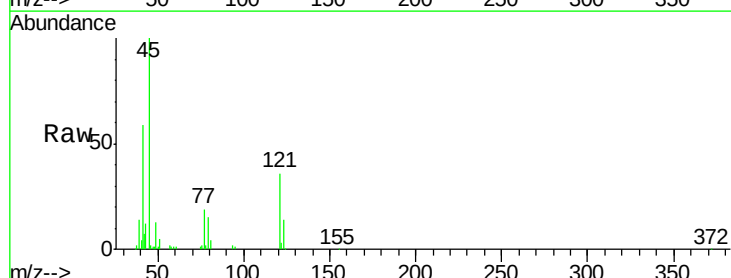
RT: 9.29 min Scan# 1022

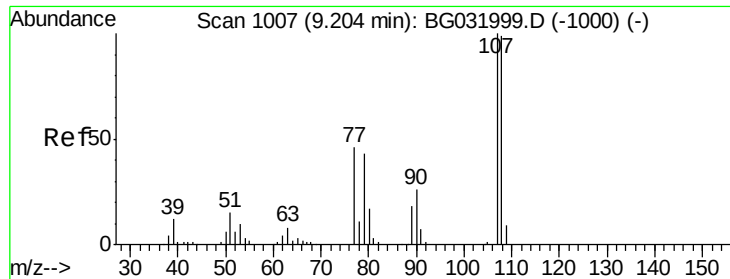
Delta R.T. -0.00 min

Lab File: BG032073.D

Acq: 16 Jan 2018 17:22

Tgt Ion:	45	Resp:	101256
Ion Ratio	Lower	Upper	
45	100		
77	19.2	0.0	30.2
79	15.1	0.0	27.9





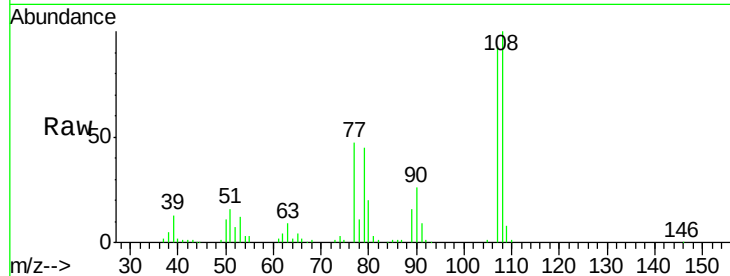
#17
2-Methylphenol
Concen: 38.054 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BG032073.D
Acq: 16 Jan 2018 17:22

Instrument :
BNA_G
ClientSampleId :
SB-22-3.0-3.5MSD

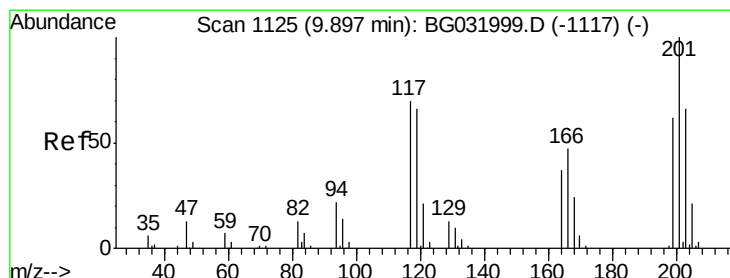
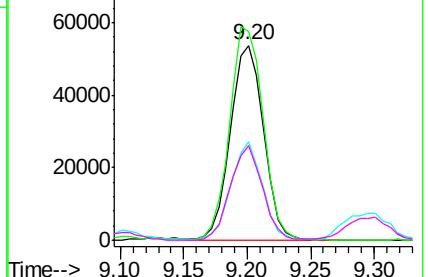
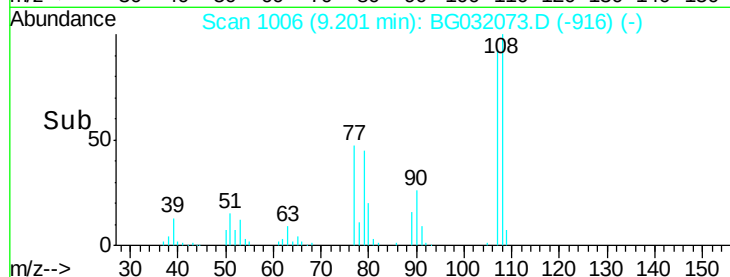
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	97513		
108	107.0	83.9	125.9	
77	50.6	37.2	55.8	
79	48.6	36.2	54.2	

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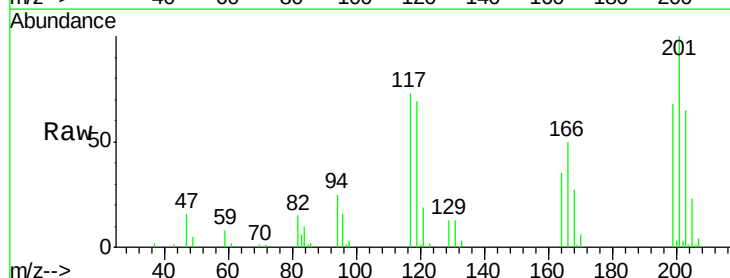


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

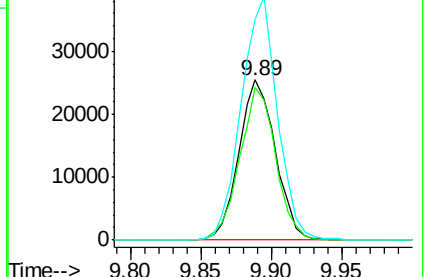
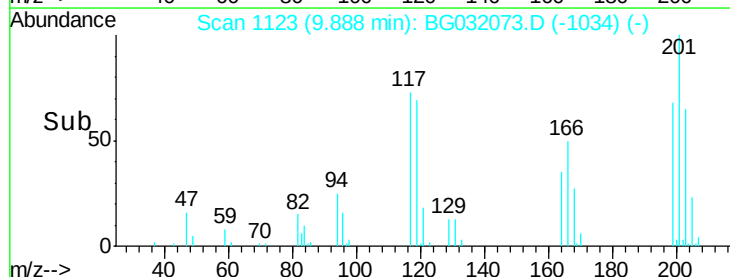


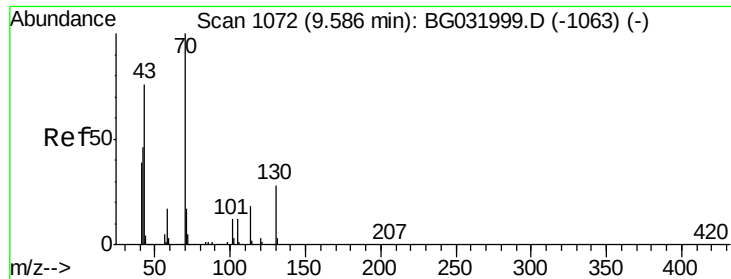
#18
Hexachloroethane
Concen: 37.758 ng
RT: 9.89 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BG032073.D
Acq: 16 Jan 2018 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	46247		
119	95.3	76.7	115.1	
201	137.4	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





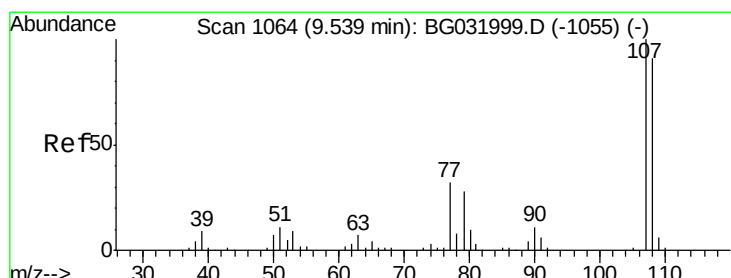
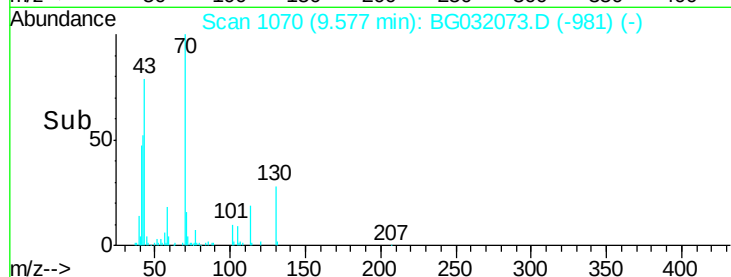
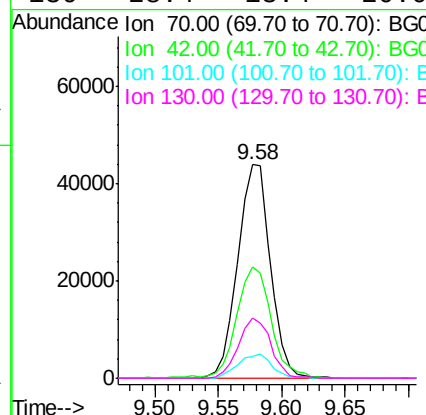
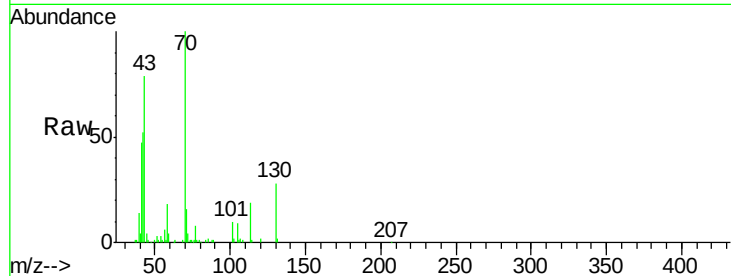
#19
n-Nitroso-di-n-propylamine
Concen: 36.976 ng
RT: 9.58 min Scan# 1070
Delta R.T. -0.01 min
Lab File: BG032073.D
Acq: 16 Jan 2018 17:22

Instrument :
BNA_G
ClientSampleId :
SB-22-3.0-3.5MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	52.3	49.1	73.7
101	10.3	8.5	12.7
130	28.4	13.4	20.0

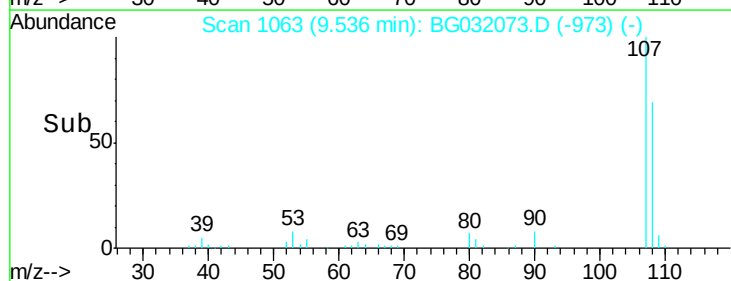
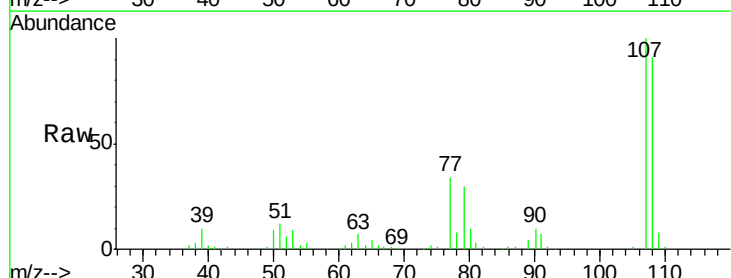
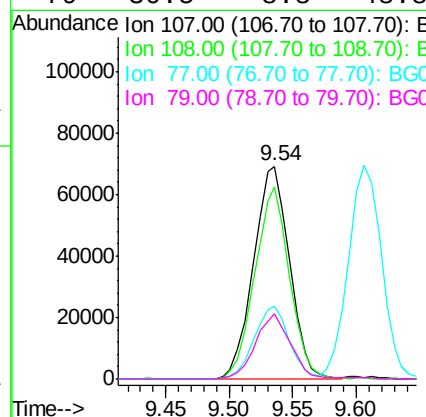
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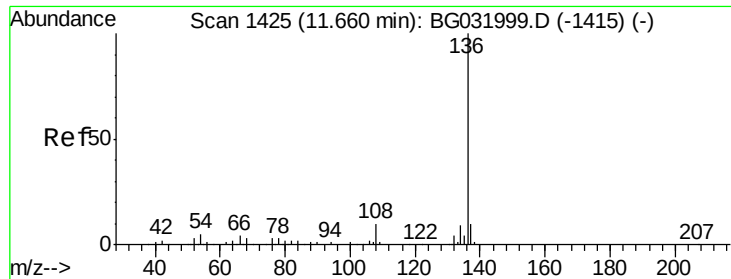
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#20
3+4-Methylphenols
Concen: 38.503 ng
RT: 9.54 min Scan# 1063
Delta R.T. -0.00 min
Lab File: BG032073.D
Acq: 16 Jan 2018 17:22

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.6	61.6	101.6
77	34.3	13.9	53.9
79	30.5	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: BG032073.D

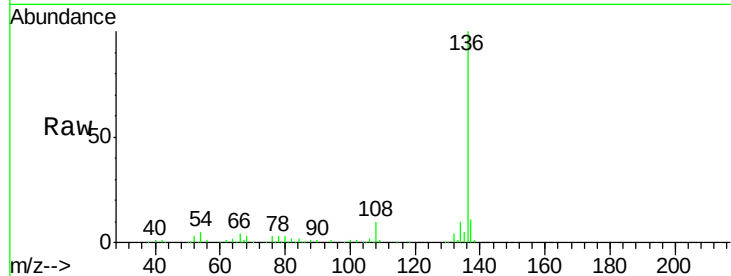
Acq: 16 Jan 2018 17:22

Instrument :

BNA_G

ClientSampleId :

SB-22-3.0-3.5MSD



Tgt Ion:136 Resp: 198344

Ion Ratio Lower Upper

136 100

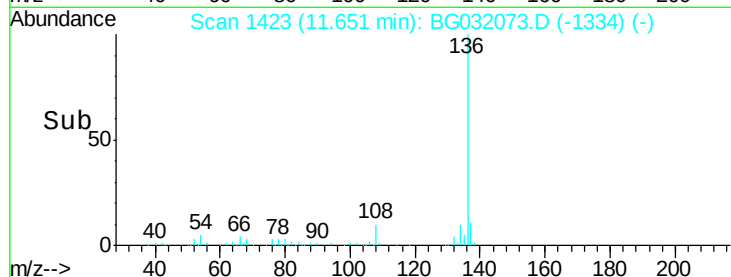
137 11.2 9.2 13.8

54 4.9 10.3 15.5#

68 2.7 4.5 6.7#

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Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

Time-->

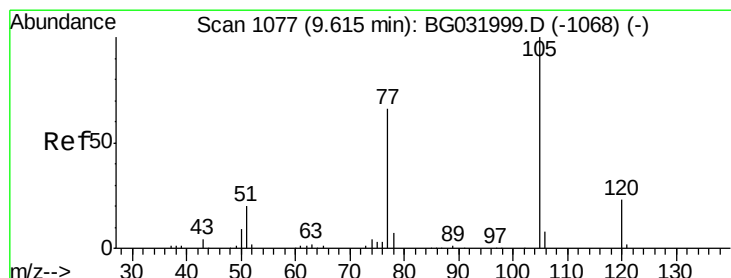
11.65

100000

50000

0

11.60 11.70



#22

Acetophenone

Concen: 39.521 ng

RT: 9.61 min Scan# 1075

Delta R.T. -0.01 min

Lab File: BG032073.D

Acq: 16 Jan 2018 17:22

Tgt Ion:105 Resp: 178059

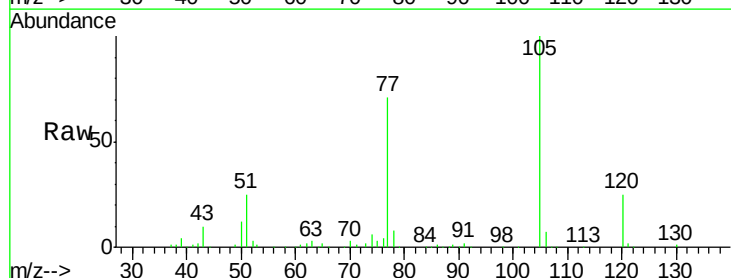
Ion Ratio Lower Upper

105 100

71 0.5 3.0 4.4#

51 24.8 26.1 39.1#

120 25.3 17.4 26.2



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

Time-->

9.61

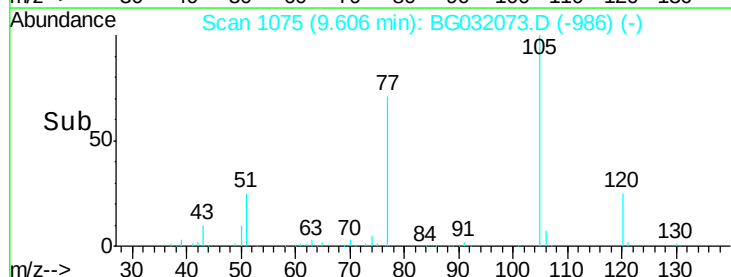
150000

100000

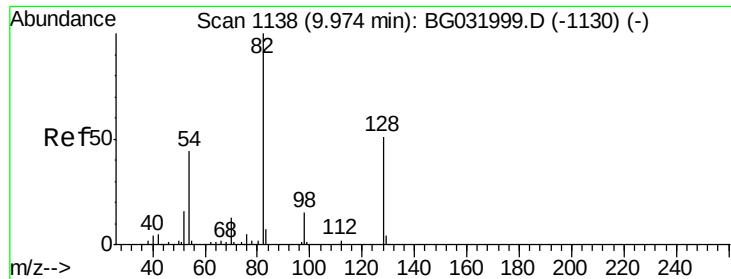
50000

0

9.55 9.60 9.65 9.70



Time-->



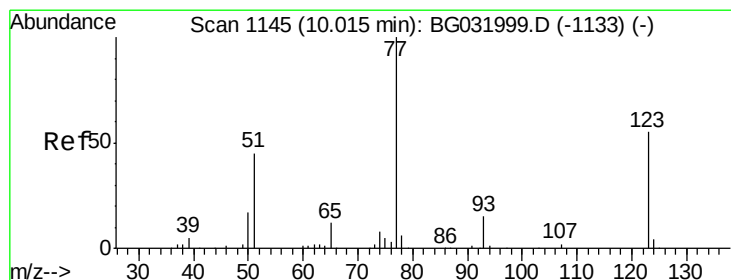
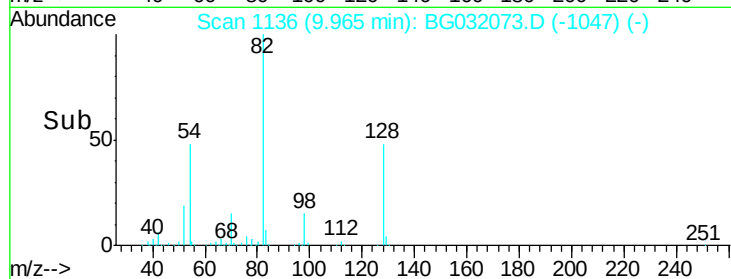
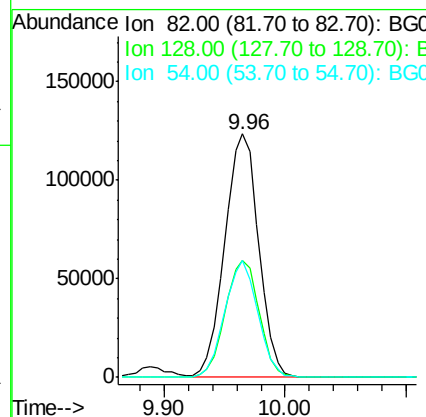
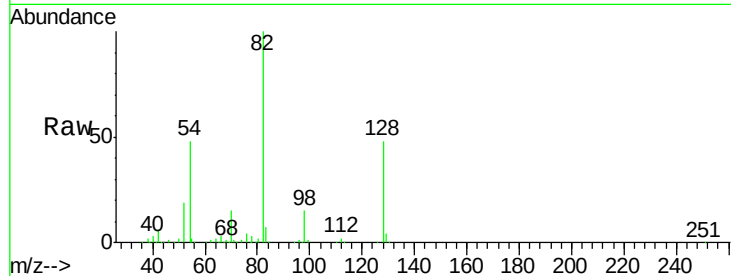
#23
 Nitrobenzene-d5
 Concen: 81.677 ng
 RT: 9.96 min Scan# 1136
 Delta R.T. -0.01 min
 Lab File: BG032073.D
 Acq: 16 Jan 2018 17:22

Instrument :
 BNA_G
 ClientSampleId :
 SB-22-3.0-3.5MSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	239456		
128	48.2	29.7	44.5#	
54	48.2	43.1	64.7	

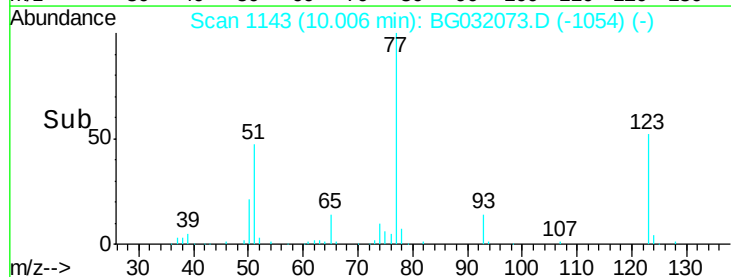
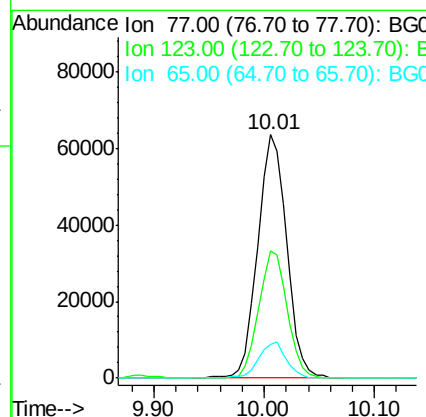
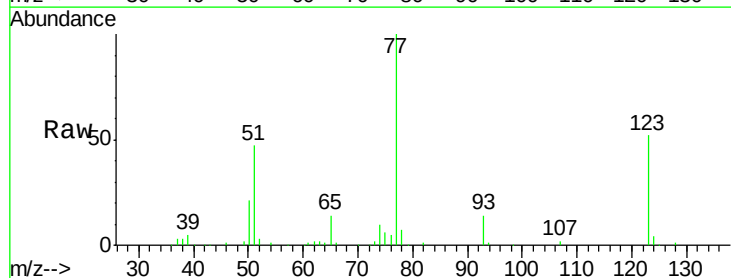
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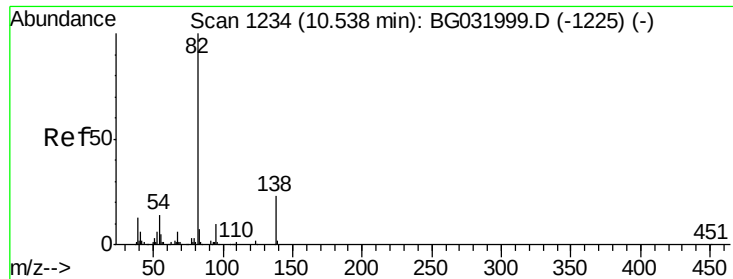
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#24
 Nitrobenzene
 Concen: 40.130 ng
 RT: 10.01 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BG032073.D
 Acq: 16 Jan 2018 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	117353		
123	52.1	33.0	49.6#	
65	13.9	13.0	19.6	





#25

Isophorone

Concen: 40.509 ng

RT: 10.53 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BG032073.D

Acq: 16 Jan 2018 17:22

Instrument :

BNA_G

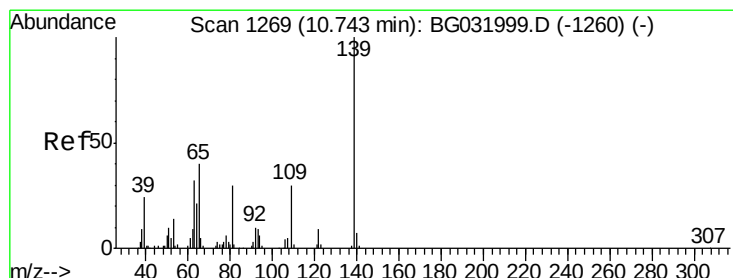
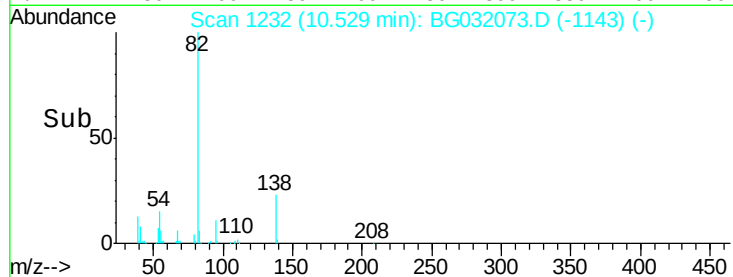
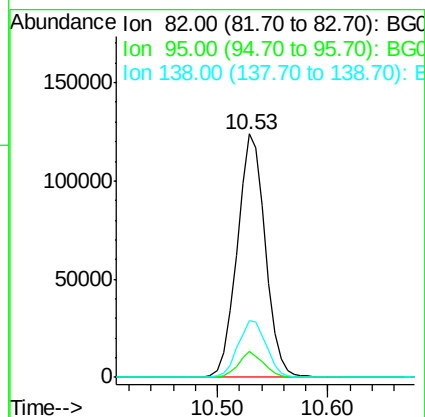
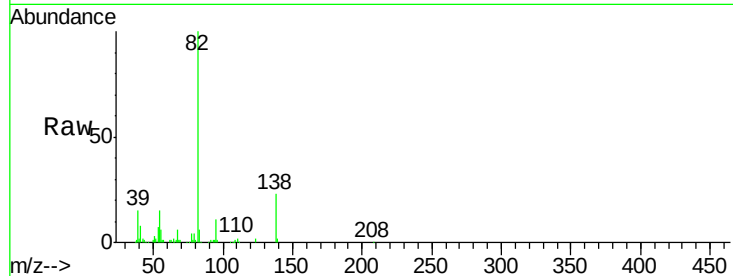
ClientSampleId :

SB-22-3.0-3.5MSD

Tgt Ion:	82	Resp:	221136
Ion Ratio		Lower	Upper
82	100		
95	10.6	6.2	9.2#
138	23.3	12.1	18.1#

Manual Integrations
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#26

2-Nitrophenol

Concen: 42.101 ng

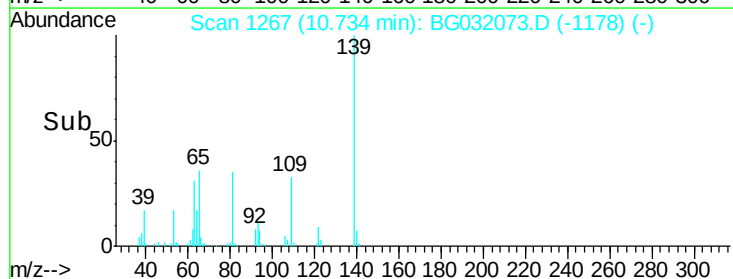
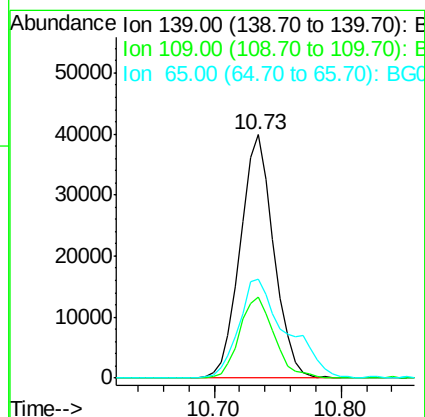
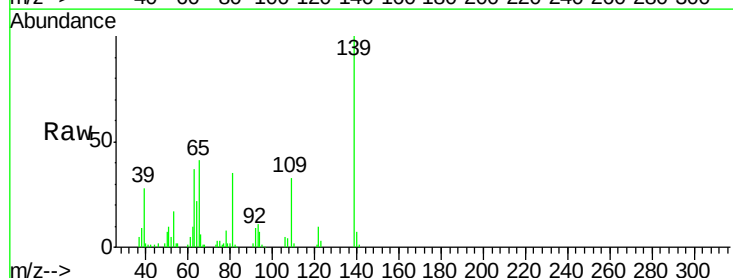
RT: 10.73 min Scan# 1267

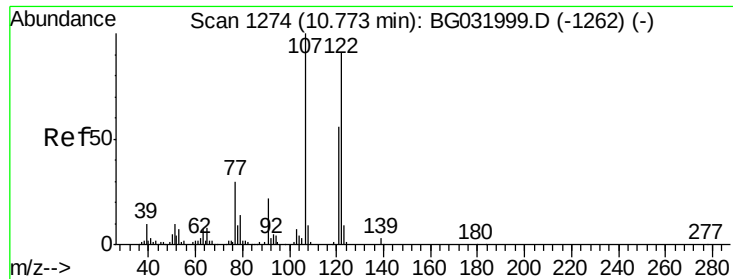
Delta R.T. -0.01 min

Lab File: BG032073.D

Acq: 16 Jan 2018 17:22

Tgt Ion:	139	Resp:	72951
Ion Ratio		Lower	Upper
139	100		
109	33.1	24.2	36.2
65	40.5	47.4	71.0#





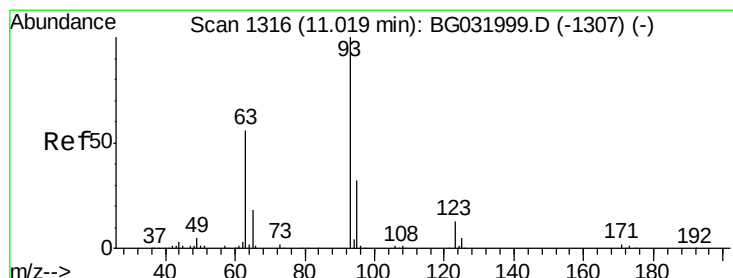
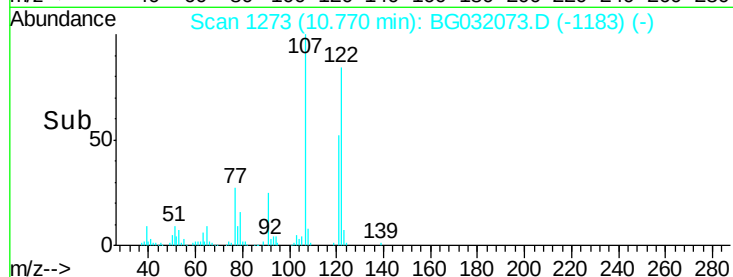
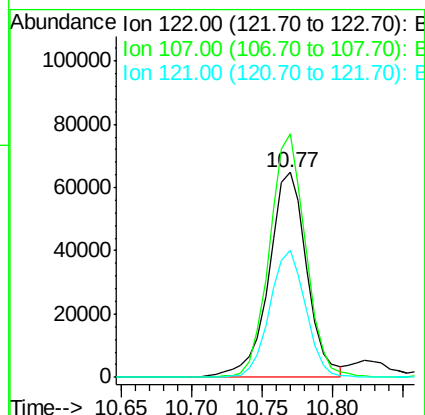
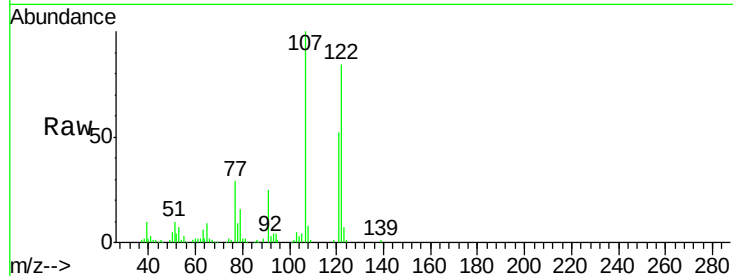
#27
2,4-Dimethylphenol
Concen: 44.346 ng
RT: 10.77 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BG032073.D
Acq: 16 Jan 2018 17:22

Instrument :
BNA_G
ClientSampleId :
SB-22-3.0-3.5MSD

Tgt Ion	Ratio	Lower	Upper
122	100		
107	118.9	100.2	150.2
121	62.2	44.4	66.6

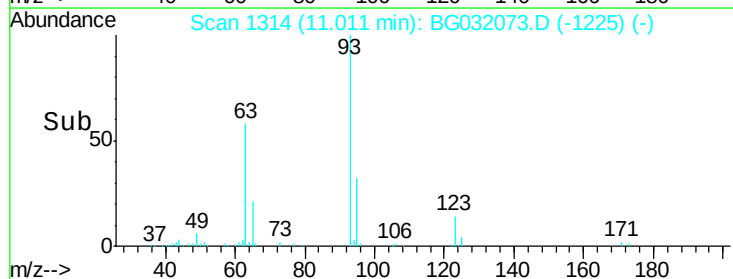
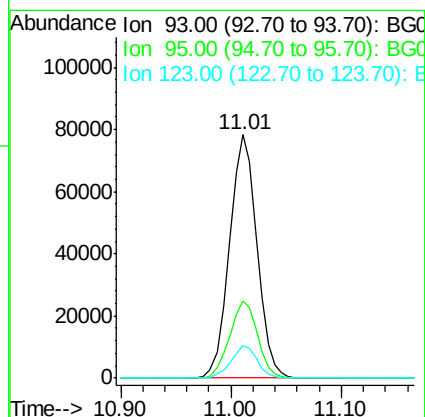
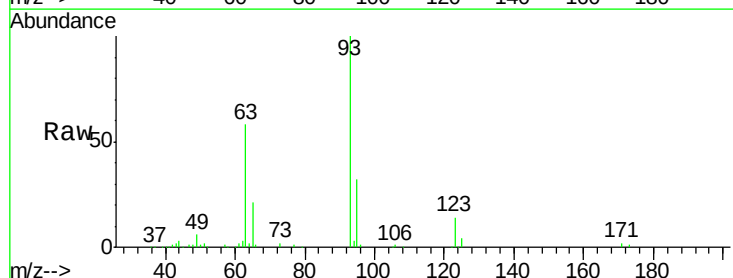
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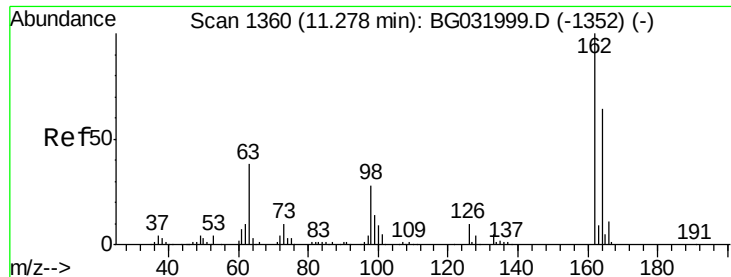
Sohil
1/17/2018 10:43:07 AM



#28
bis(2-Chloroethoxy)methane
Concen: 41.393 ng
RT: 11.01 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG032073.D
Acq: 16 Jan 2018 17:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	24.3	36.5
123	13.5	8.4	12.6





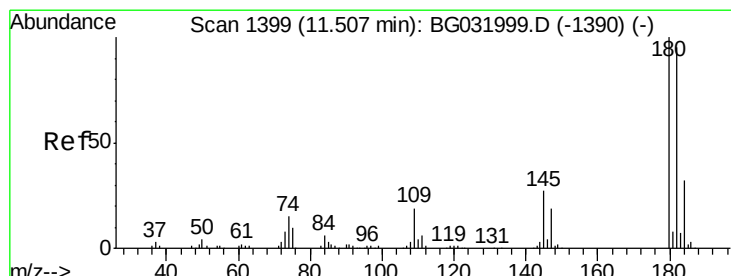
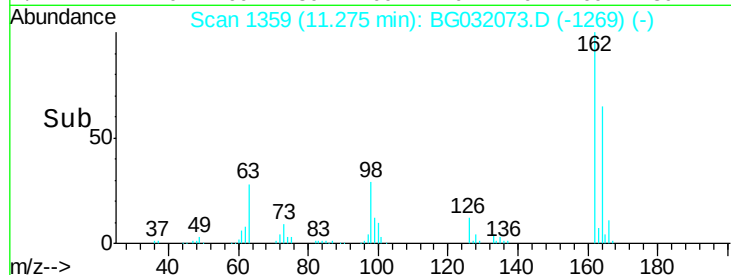
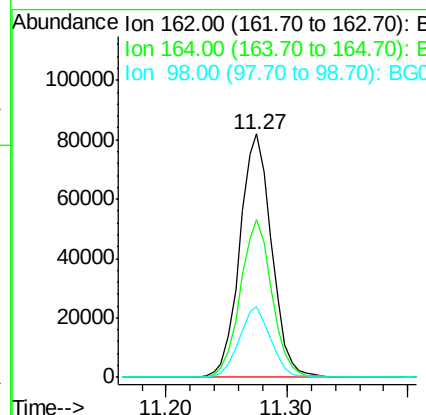
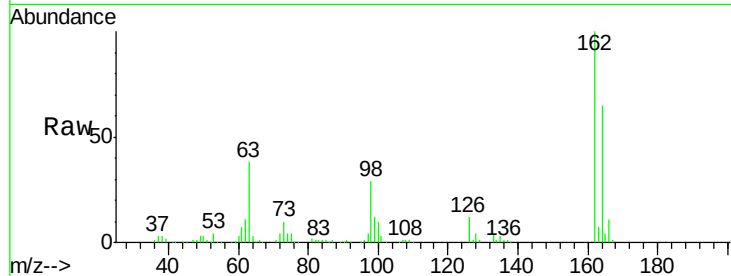
#29
2,4-Dichlorophenol
Concen: 44.477 ng
RT: 11.27 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BG032073.D
Acq: 16 Jan 2018 17:22

Instrument :
BNA_G
ClientSampleId :
SB-22-3.0-3.5MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.7	48.0	88.0
98	29.2	21.1	61.1

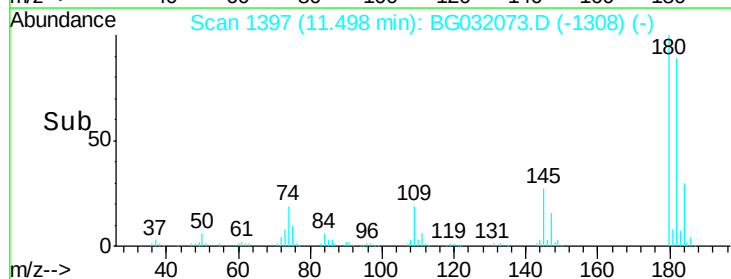
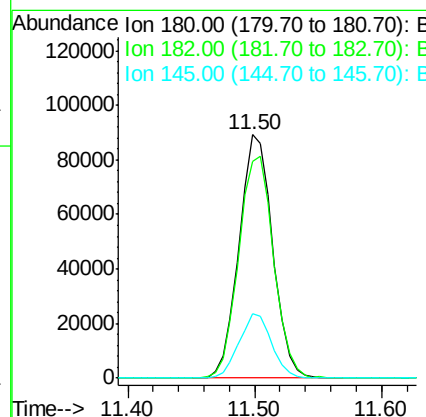
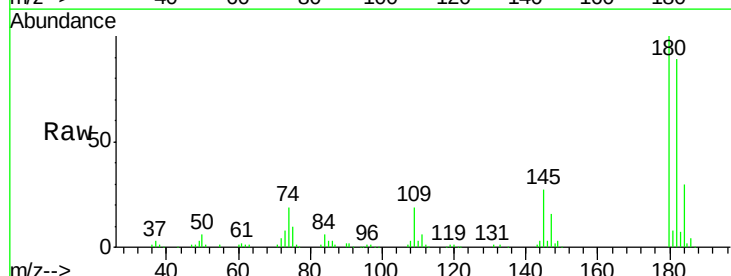
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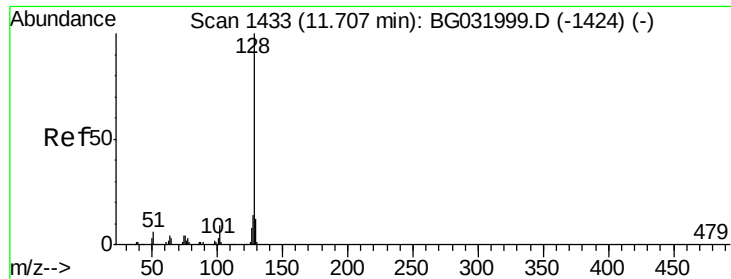
Sohil
1/17/2018 10:43:07 AM



#30
1,2,4-Trichlorobenzene
Concen: 37.294 ng
RT: 11.50 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BG032073.D
Acq: 16 Jan 2018 17:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	89.0	77.5	116.3
145	26.6	23.4	35.2





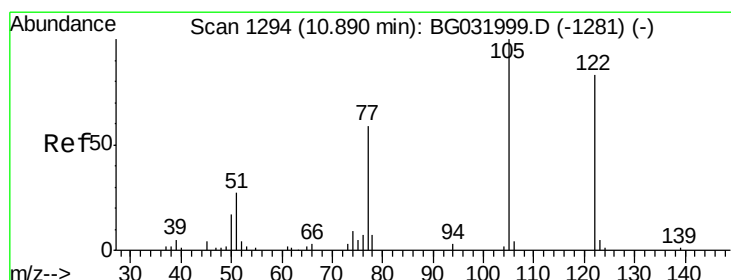
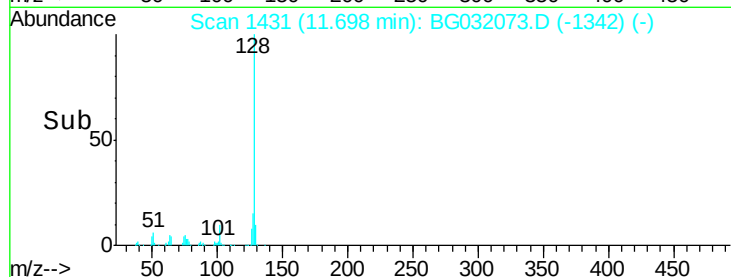
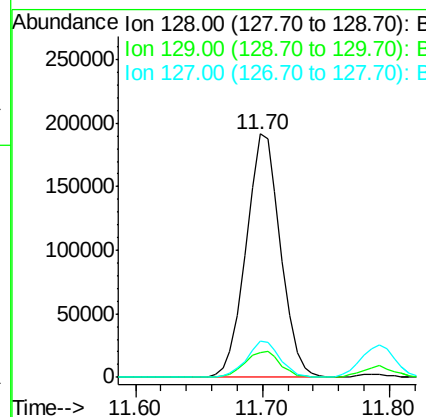
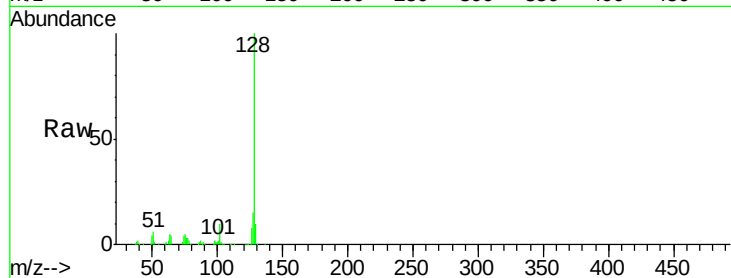
#31
Naphthalene
Concen: 36.604 ng
RT: 11.70 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BG032073.D
Acq: 16 Jan 2018 17:22

Instrument :
BNA_G
ClientSampleId :
SB-22-3.0-3.5MSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	359655		
129	10.2		8.6	12.8
127	15.1		11.6	17.4

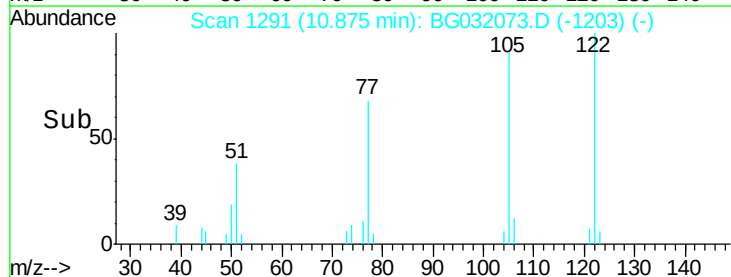
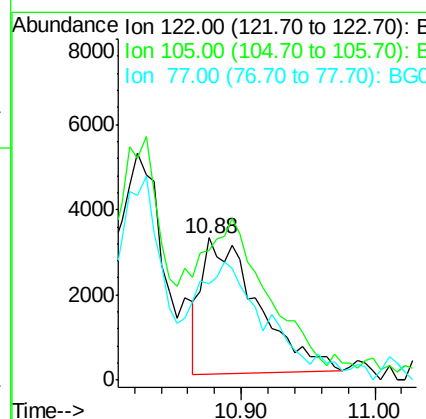
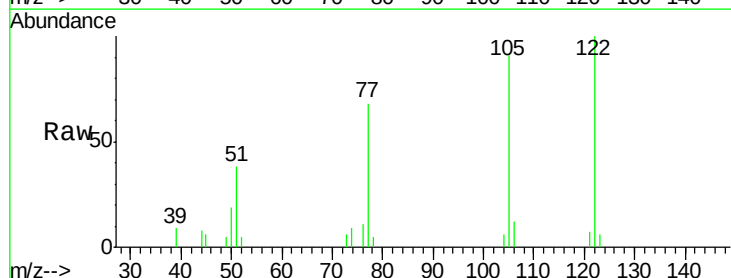
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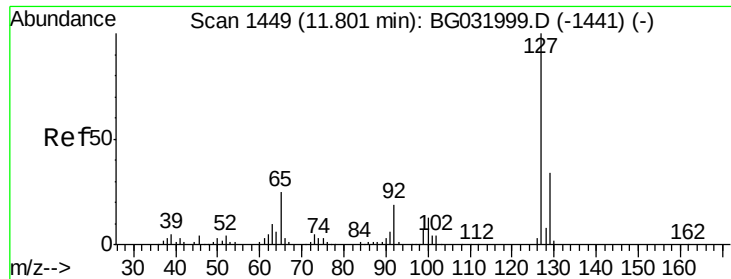
Sohil
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#32
Benzoic acid
Concen: 8.973 ng
RT: 10.88 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BG032073.D
Acq: 16 Jan 2018 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	9208		
105	90.9		123.5	163.5#
77	67.7		85.7	125.7#





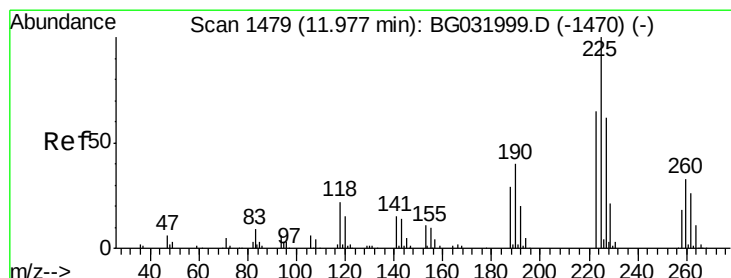
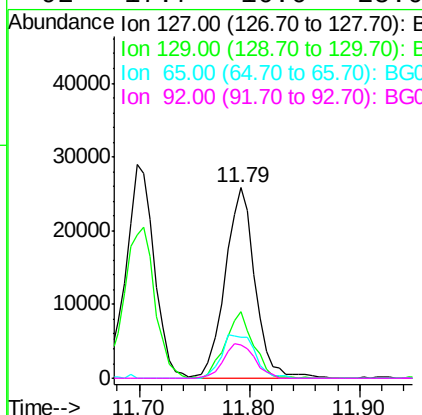
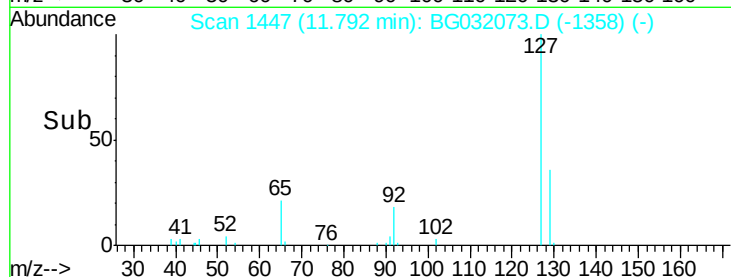
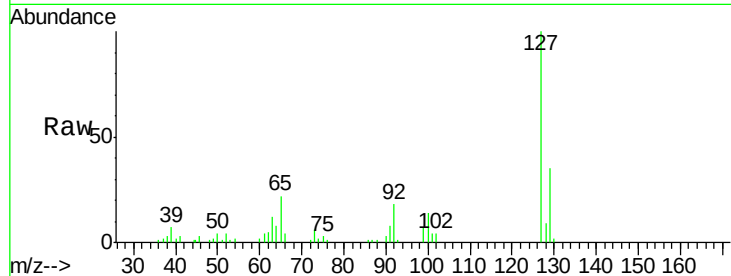
#33
 4-Chloroaniline
 Concen: 11.599 ng
 RT: 11.79 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BG032073.D
 Acq: 16 Jan 2018 17:22

Instrument :
 BNA_G
 ClientSampleId :
 SB-22-3.0-3.5MSD

Tgt Ion	Ratio	Lower	Upper
127	100		
129	34.8	24.0	36.0
65	21.6	27.0	40.4
92	17.7	16.6	25.0

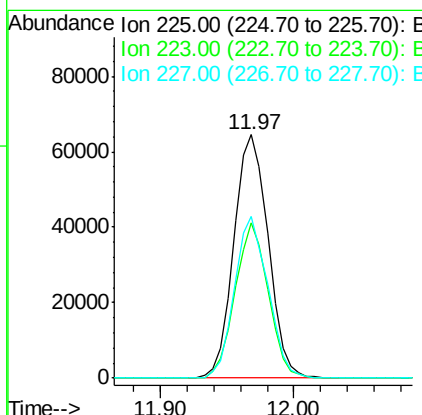
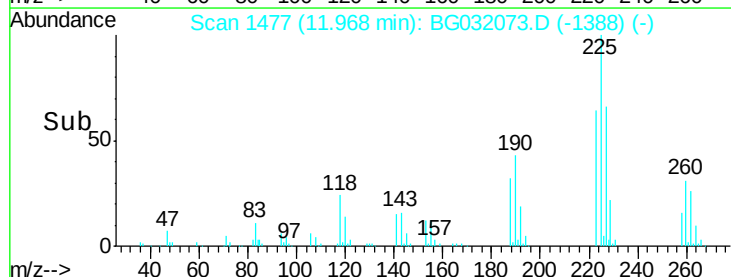
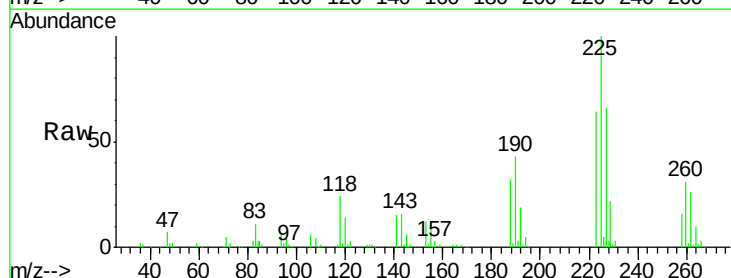
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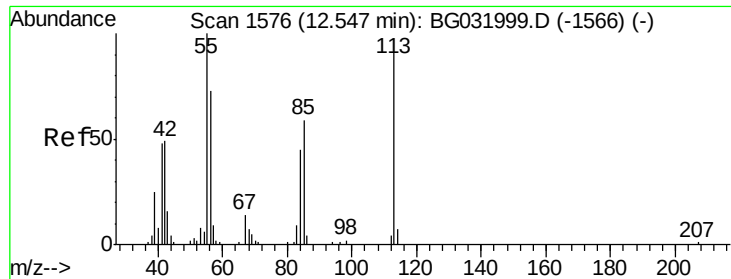
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#34
 Hexachlorobutadiene
 Concen: 36.629 ng
 RT: 11.97 min Scan# 1477
 Delta R.T. -0.01 min
 Lab File: BG032073.D
 Acq: 16 Jan 2018 17:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	49.7	74.5
227	66.2	48.1	72.1





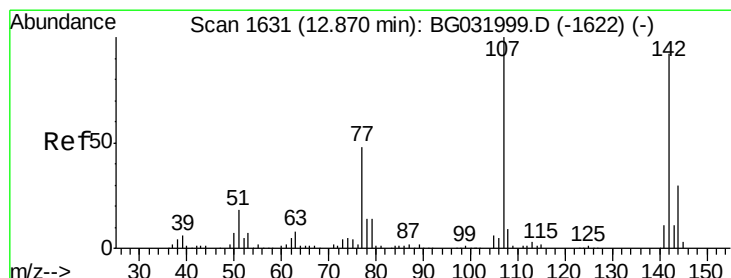
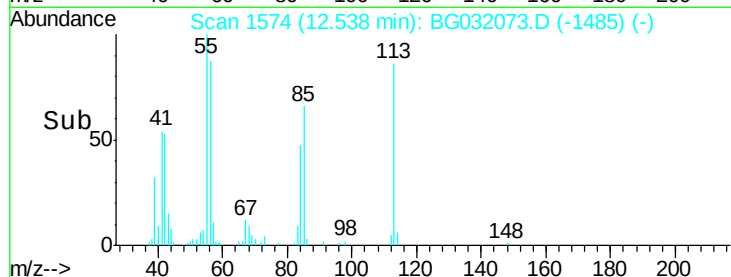
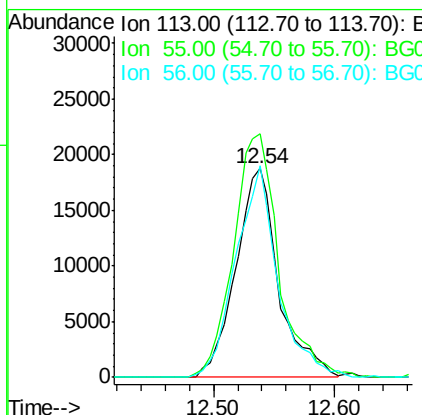
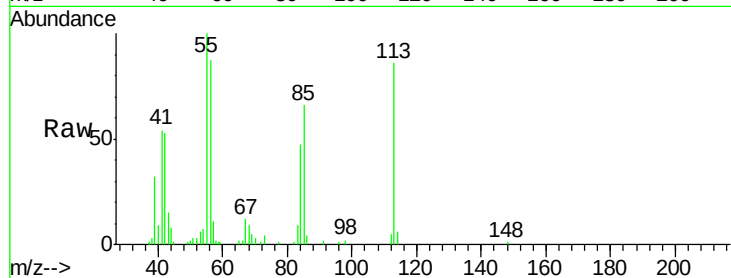
#35
 Caprolactam
 Concen: 45.049 ng
 RT: 12.54 min Scan# 1574
 Delta R.T. -0.01 min
 Lab File: BG032073.D
 Acq: 16 Jan 2018 17:22

Instrument :
 BNA_G
 ClientSampleId :
 SB-22-3.0-3.5MSD

Tgt Ion:113 Resp: 46241
 Ion Ratio Lower Upper
 113 100
 55 116.6 186.9 226.9#
 56 101.5 130.9 170.9#

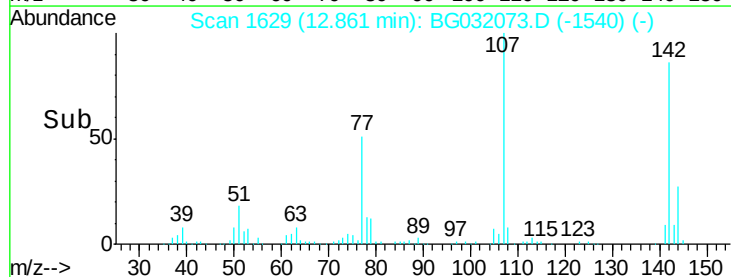
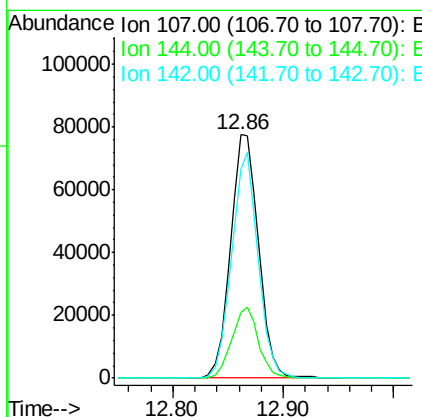
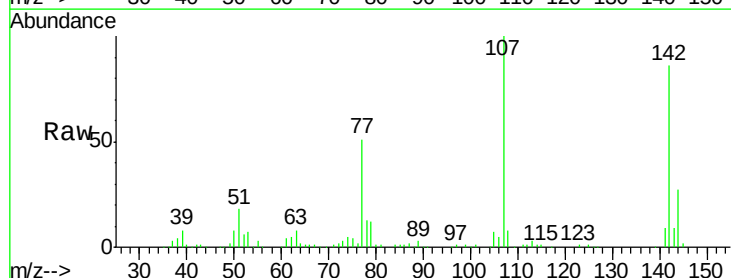
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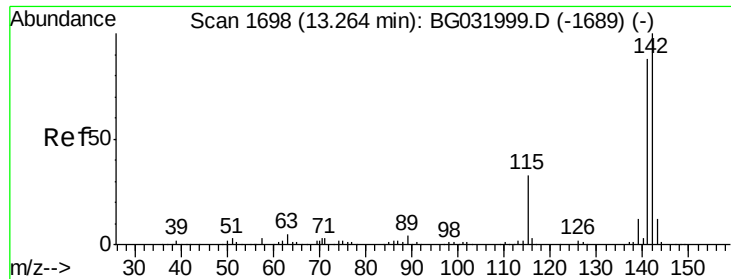
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#36
 4-Chloro-3-methylphenol
 Concen: 44.533 ng
 RT: 12.86 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BG032073.D
 Acq: 16 Jan 2018 17:22

Tgt Ion:107 Resp: 137916
 Ion Ratio Lower Upper
 107 100
 144 27.2 18.2 27.4
 142 86.0 59.0 88.4





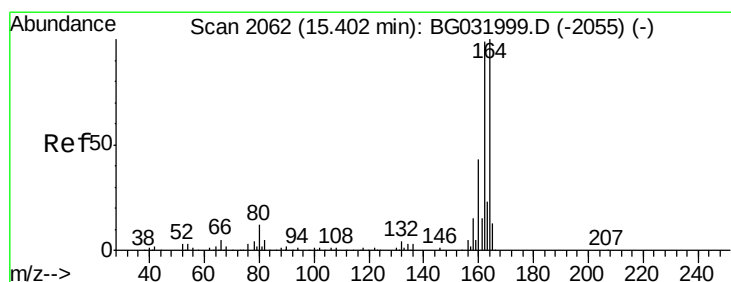
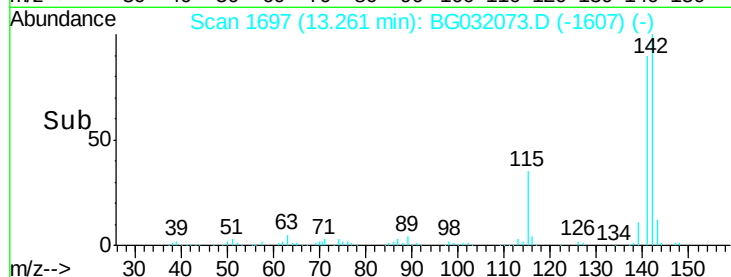
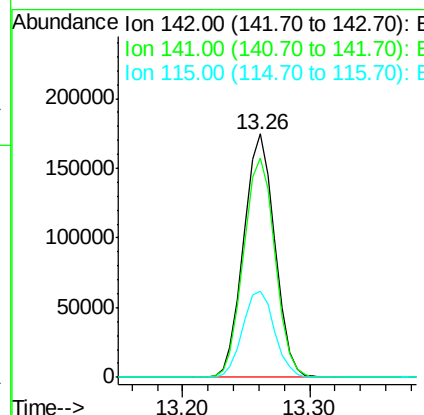
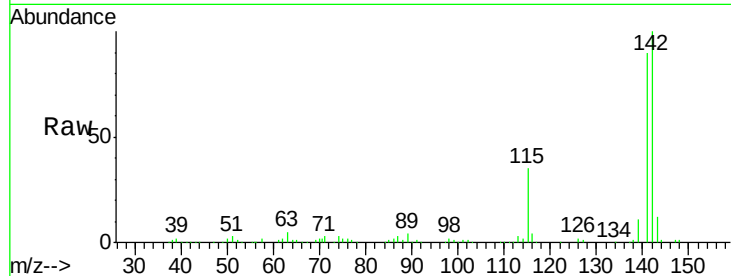
#37
2-Methylnaphthalene
Concen: 38.167 ng
RT: 13.26 min Scan# 1697
Delta R.T. -0.00 min
Lab File: BG032073.D
Acq: 16 Jan 2018 17:22

Instrument :
BNA_G
ClientSampleId :
SB-22-3.0-3.5MSD

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	297732		
141	89.8	67.1	100.7	
115	35.5	30.7	46.1	

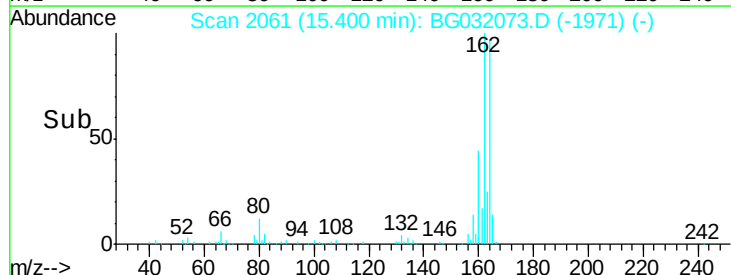
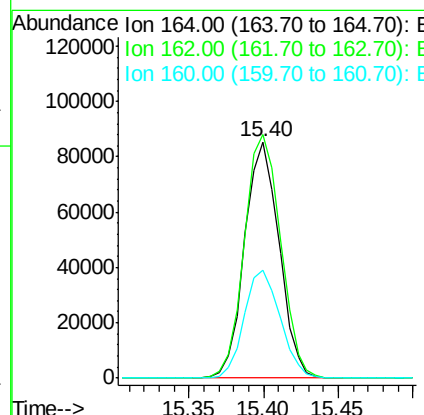
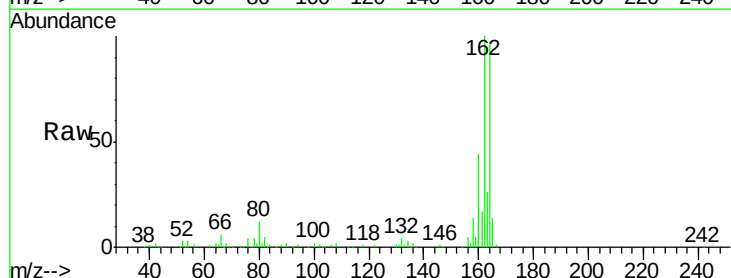
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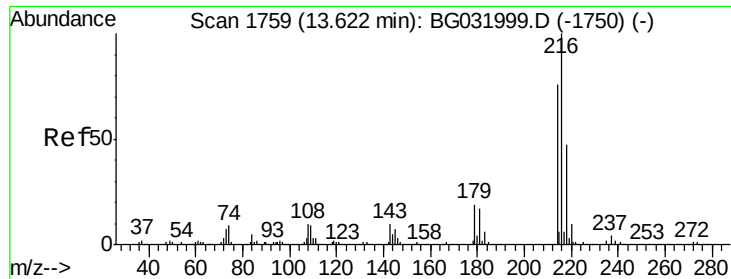
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.40 min Scan# 2061
Delta R.T. -0.00 min
Lab File: BG032073.D
Acq: 16 Jan 2018 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	136848		
162	103.0	78.8	118.2	
160	45.8	35.4	53.0	





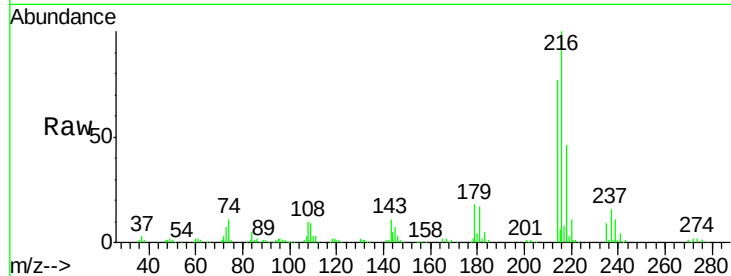
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.996 ng
 RT: 13.61 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: BG032073.D
 Acq: 16 Jan 2018 17:22

Instrument :
 BNA_G
 ClientSampleId :
 SB-22-3.0-3.5MSD

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	226655		
214	76.9	63.0	94.4	
179	18.1	17.0	25.6	
108	12.3	12.8	19.2	

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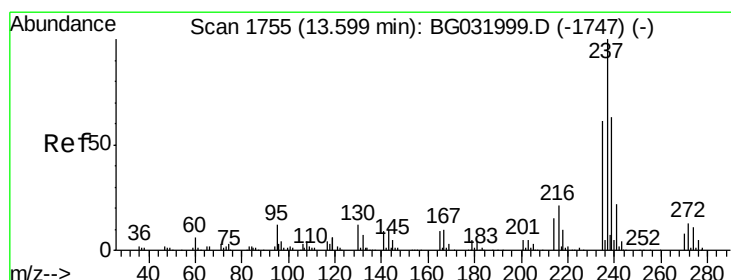
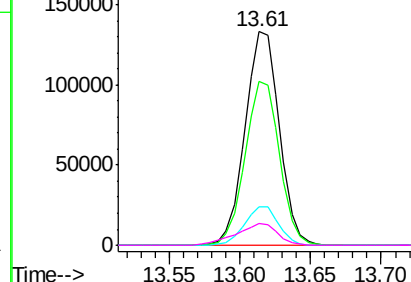
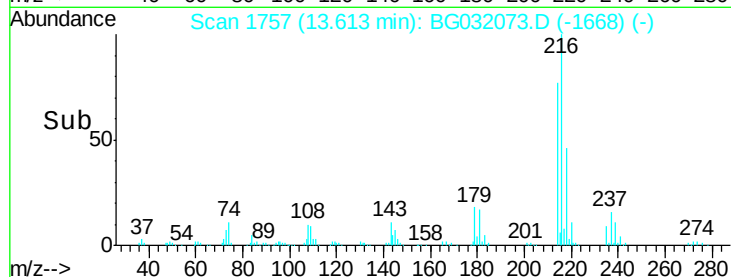
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

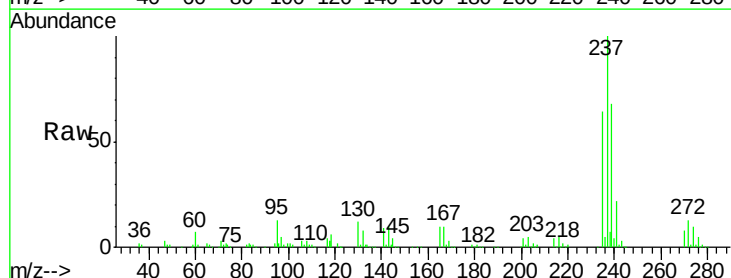
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 84.720 ng
 RT: 13.59 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: BG032073.D
 Acq: 16 Jan 2018 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	284644		
235	64.1	50.4	90.4	
272	13.1	0.0	31.8	

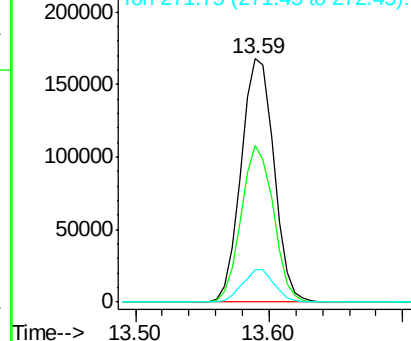
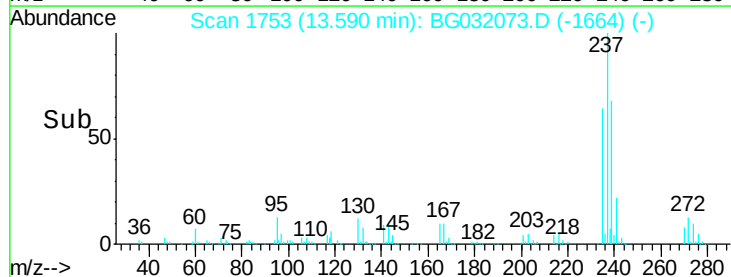


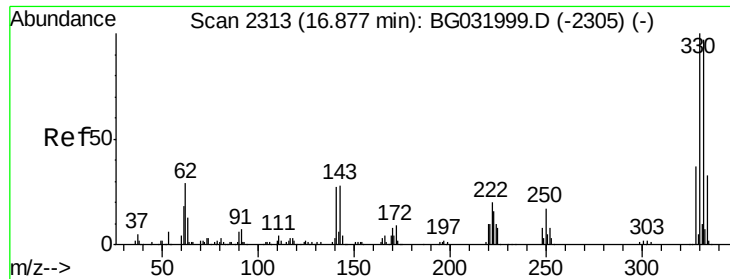
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 122.748 ng

RT: 16.87 min Scan# 2312

Delta R.T. -0.00 min

Lab File: BG032073.D

Acq: 16 Jan 2018 17:22

Instrument :

BNA_G

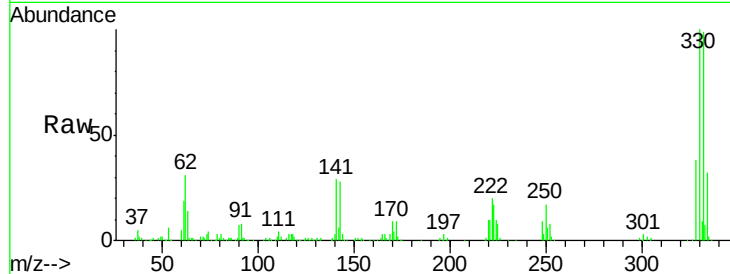
ClientSampleId :

SB-22-3.0-3.5MSD

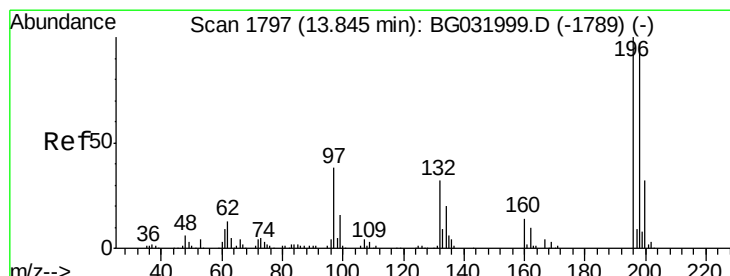
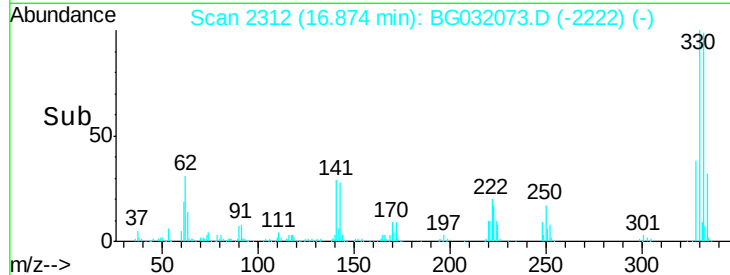
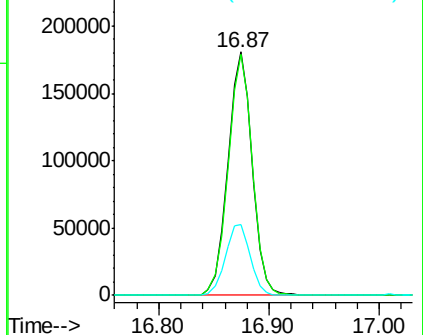
Tgt Ion:	330	Resp:	277964
Ion Ratio	Lower	Upper	
330	100		
332	98.6	77.0	115.6
141	30.2	25.2	37.8

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 42.365 ng

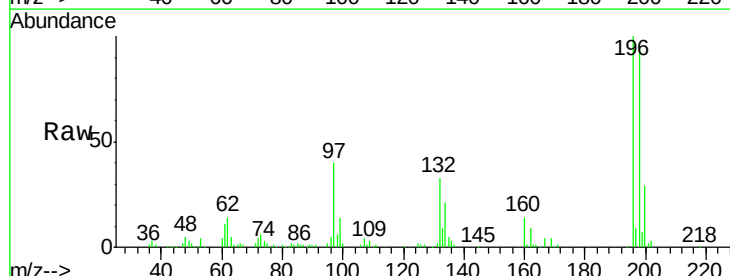
RT: 13.84 min Scan# 1795

Delta R.T. -0.01 min

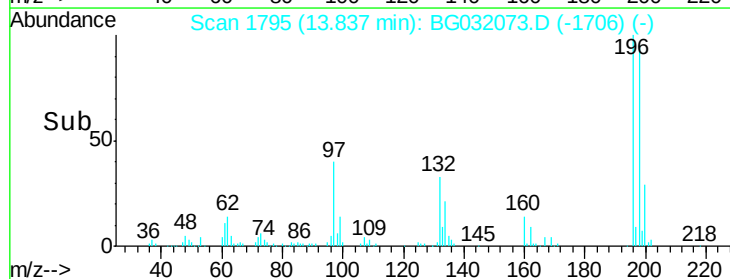
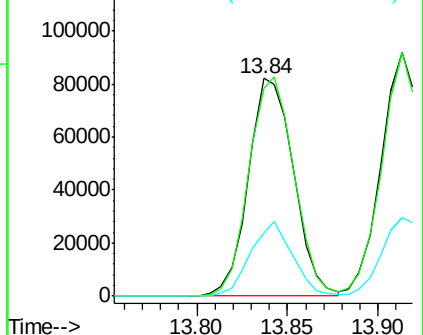
Lab File: BG032073.D

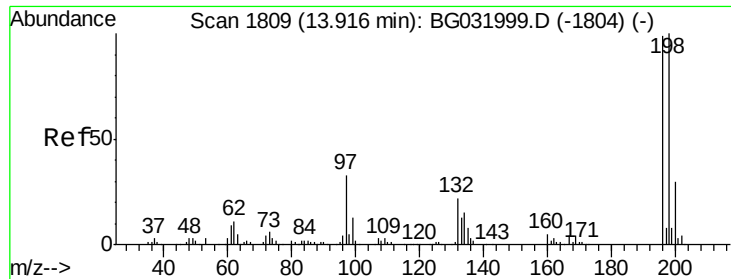
Acq: 16 Jan 2018 17:22

Tgt Ion:	196	Resp:	141995
Ion Ratio	Lower	Upper	
196	100		
198	95.4	78.2	117.2
200	29.3	24.6	36.8



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





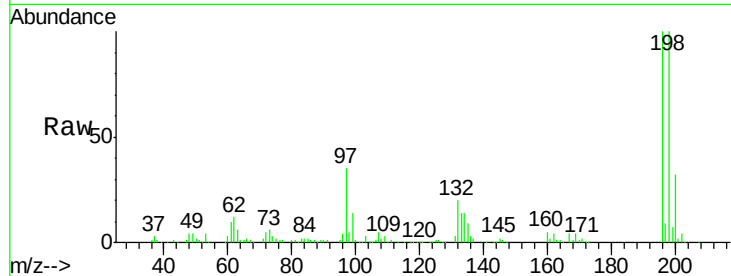
#43
2,4,5-Trichlorophenol
Concen: 40.093 ng
RT: 13.91 min Scan# 1808
Delta R.T. -0.00 min
Lab File: BG032073.D
Acq: 16 Jan 2018 17:22

Instrument :
BNA_G
ClientSampleId :
SB-22-3.0-3.5MSD

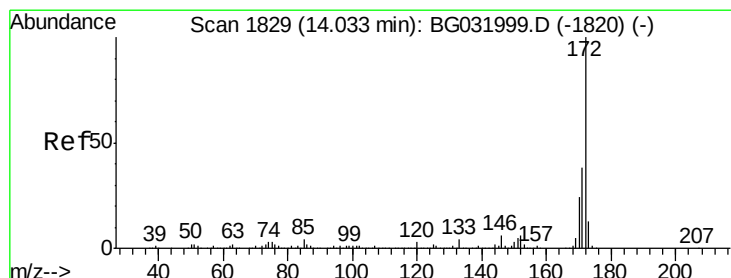
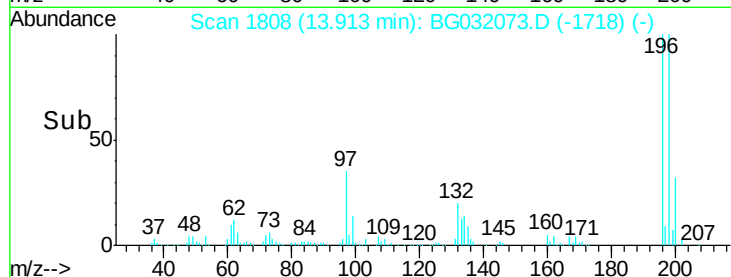
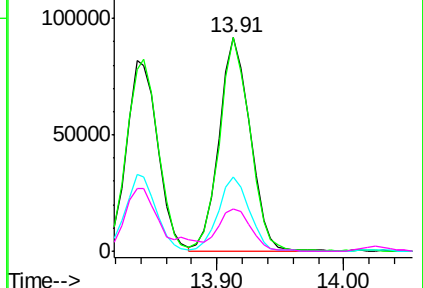
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	155544		
198	100.1	76.2	114.4	
97	34.9	38.7	58.1	
132	19.9	20.2	30.2	

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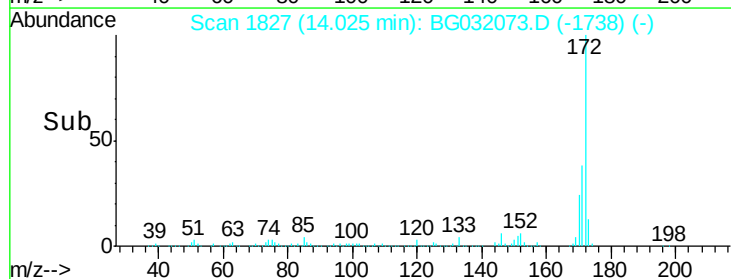
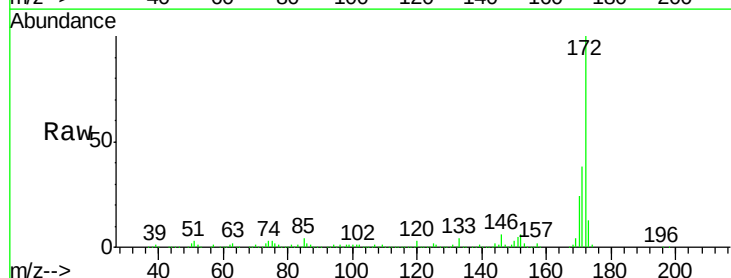
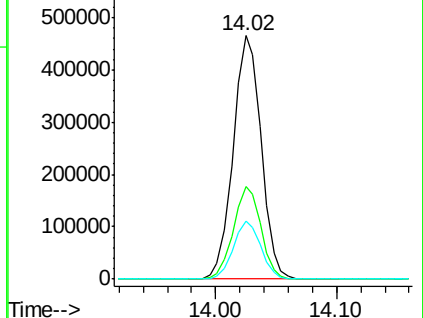
Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

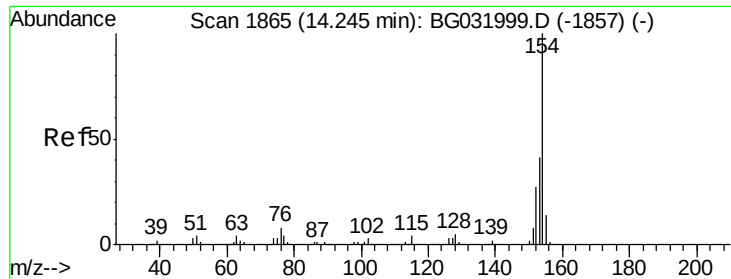


#44
2-Fluorobiphenyl
Concen: 67.713 ng
RT: 14.02 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BG032073.D
Acq: 16 Jan 2018 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	747320		
171	38.0	30.0	45.0	
170	23.6	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





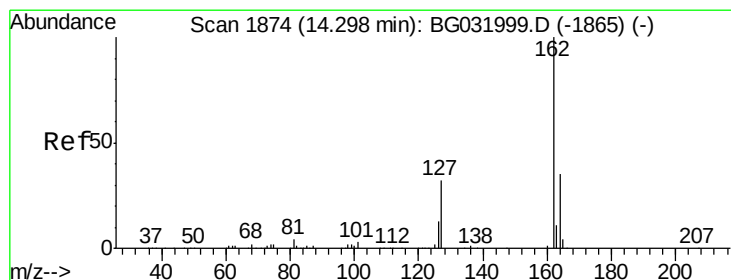
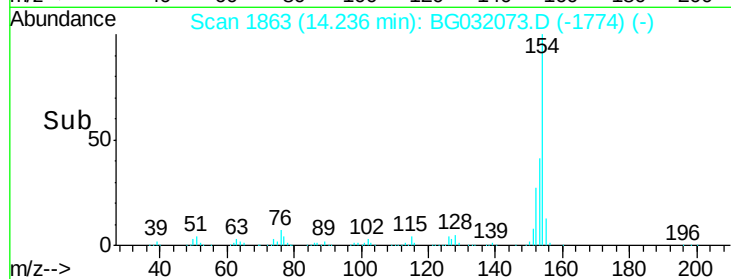
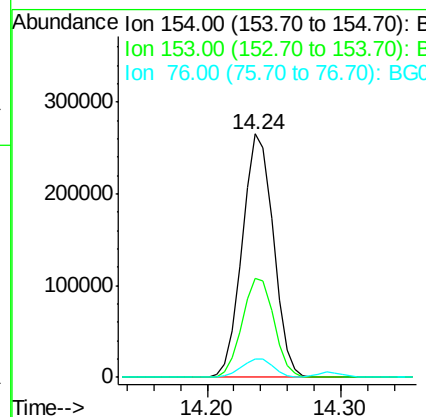
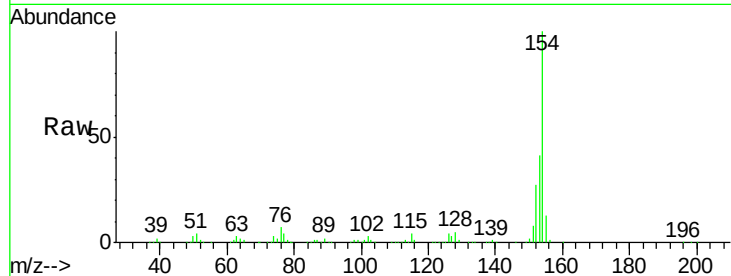
#45
 1,1'-Biphenyl
 Concen: 36.470 ng
 RT: 14.24 min Scan# 1863
 Delta R.T. -0.01 min
 Lab File: BG032073.D
 Acq: 16 Jan 2018 17:22

Instrument :
 BNA_G
 ClientSampleId :
 SB-22-3.0-3.5MSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	19.8	59.8
76	7.5	0.0	31.9

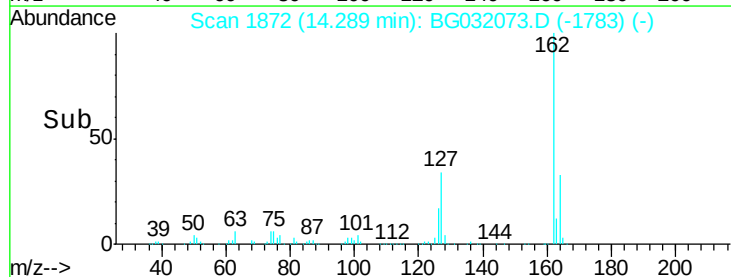
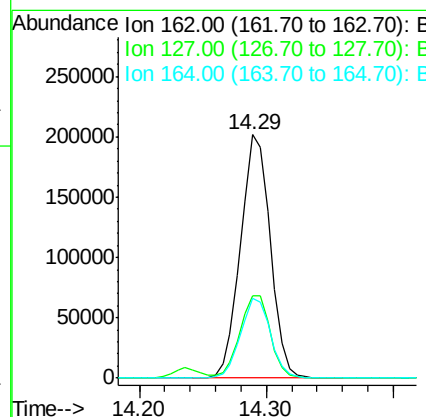
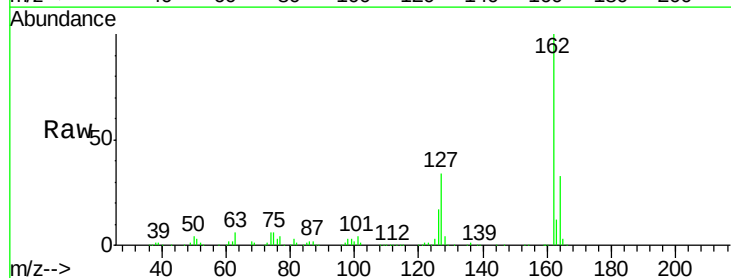
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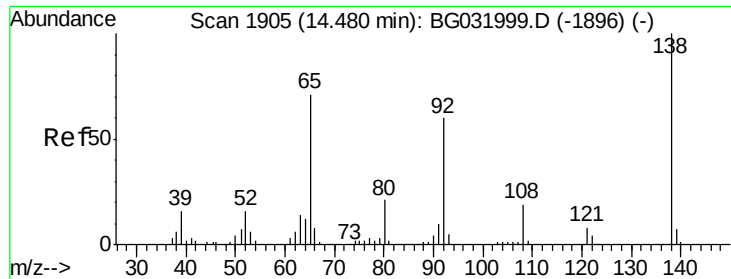
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#46
 2-Chloronaphthalene
 Concen: 35.887 ng
 RT: 14.29 min Scan# 1872
 Delta R.T. -0.01 min
 Lab File: BG032073.D
 Acq: 16 Jan 2018 17:22

Tgt Ion	Ratio	Lower	Upper
162	100		
127	33.7	30.7	46.1
164	32.8	26.0	39.0





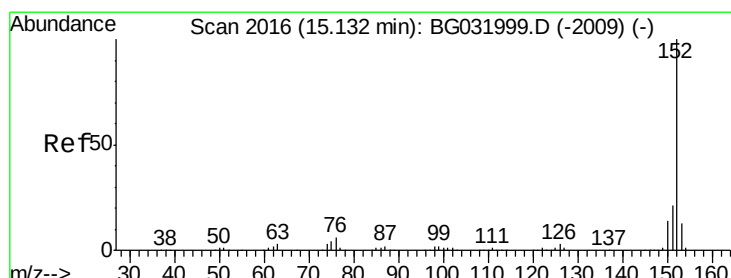
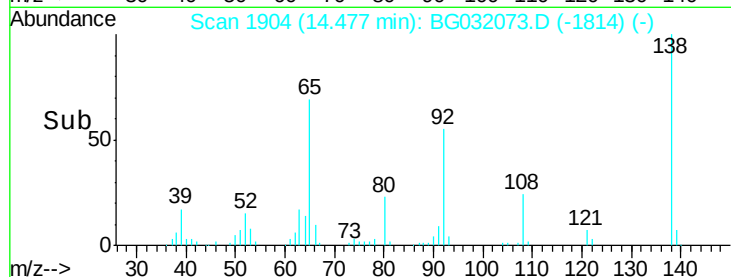
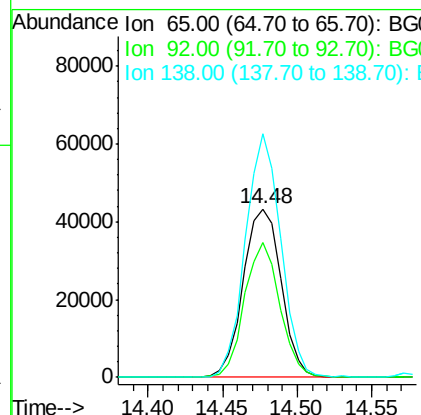
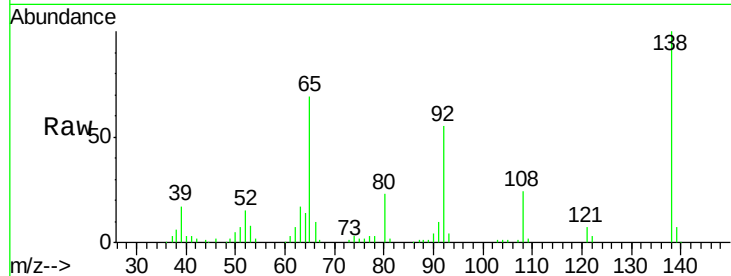
#47
 2-Nitroaniline
 Concen: 43.494 ng
 RT: 14.48 min Scan# 1904
 Delta R.T. -0.00 min
 Lab File: BG032073.D
 Acq: 16 Jan 2018 17:22

Instrument :
 BNA_G
 ClientSampleId :
 SB-22-3.0-3.5MSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	79.9	54.6	82.0
138	144.7	72.9	109.3

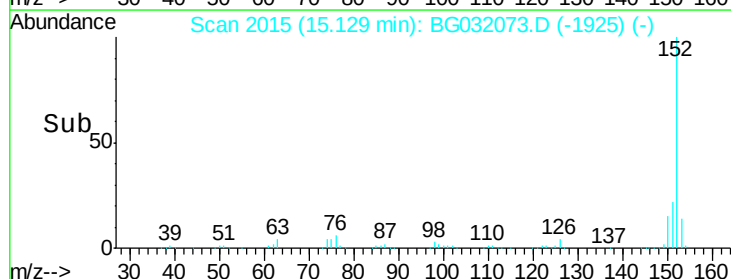
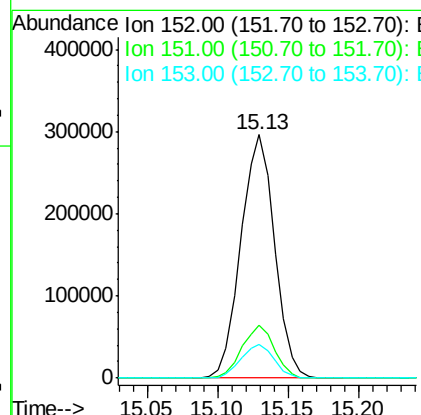
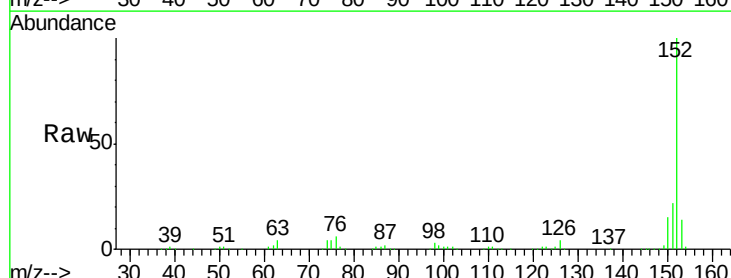
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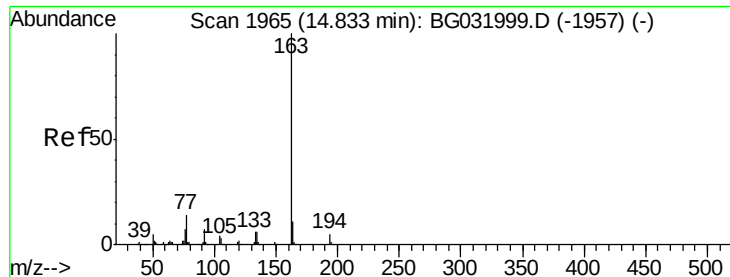
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#48
 Acenaphthylene
 Concen: 35.426 ng
 RT: 15.13 min Scan# 2015
 Delta R.T. -0.00 min
 Lab File: BG032073.D
 Acq: 16 Jan 2018 17:22

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.8	17.2	25.8
153	13.7	10.2	15.4





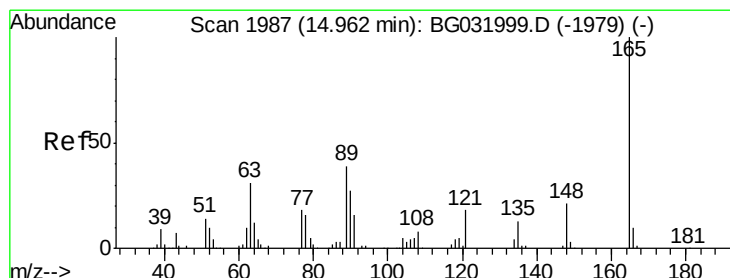
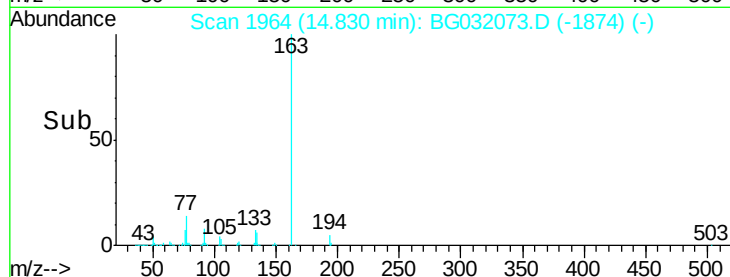
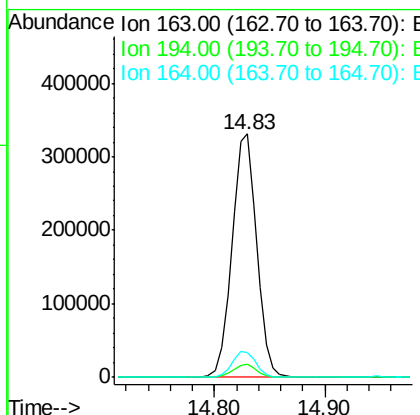
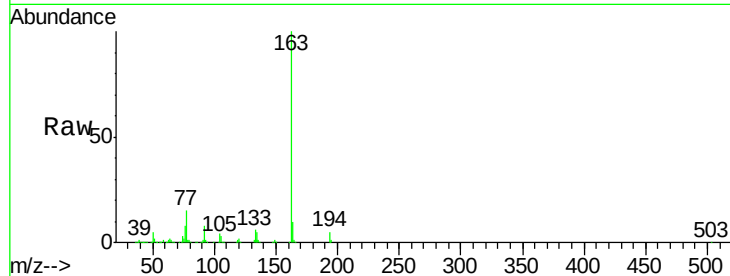
#49
Dimethylphthalate
Concen: 43.033 ng
RT: 14.83 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG032073.D
Acq: 16 Jan 2018 17:22

Instrument :
BNA_G
ClientSampleId :
SB-22-3.0-3.5MSD

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.4	5.2#
164	10.4	8.2	12.4

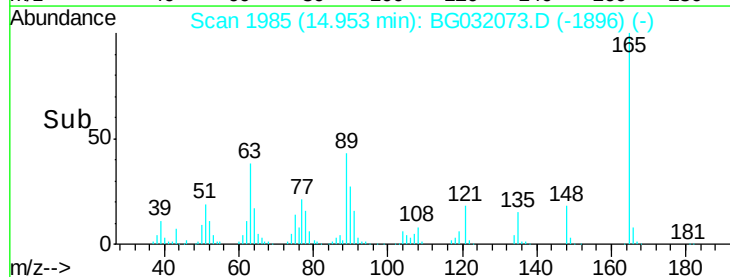
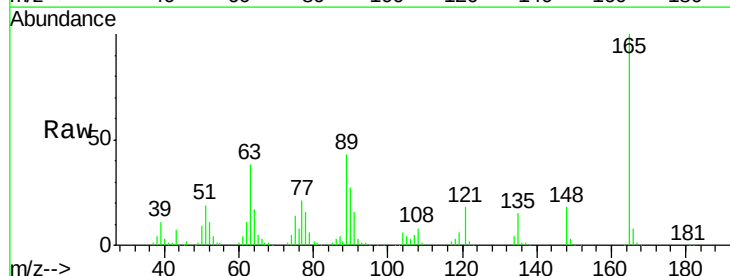
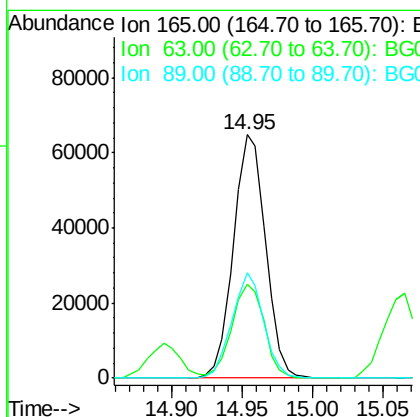
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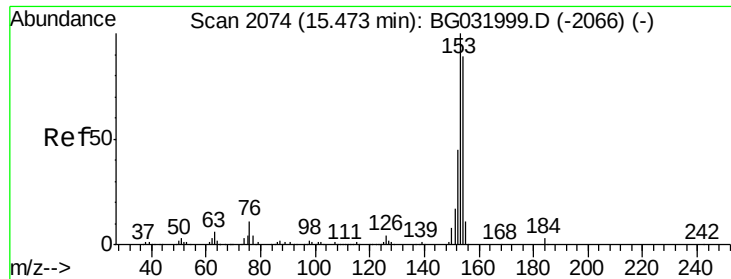
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#50
2,6-Dinitrotoluene
Concen: 41.300 ng
RT: 14.95 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG032073.D
Acq: 16 Jan 2018 17:22

Tgt Ion	Ratio	Lower	Upper
165	100		
63	38.5	52.7	79.1#
89	43.3	49.2	73.8#





#51

Acenaphthene

Concen: 41.230 ng

RT: 15.46 min Scan# 2072

Delta R.T. -0.01 min

Lab File: BG032073.D

Acq: 16 Jan 2018 17:22

Instrument :

BNA_G

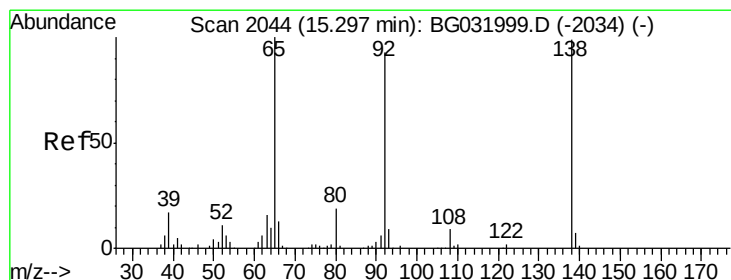
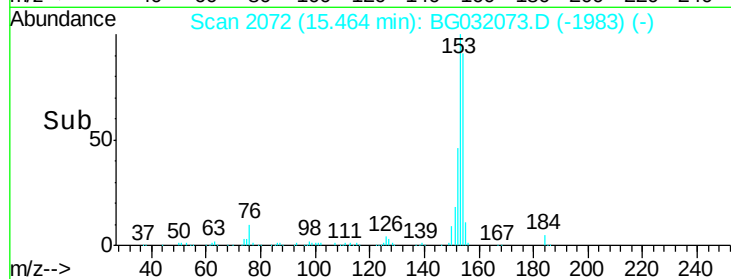
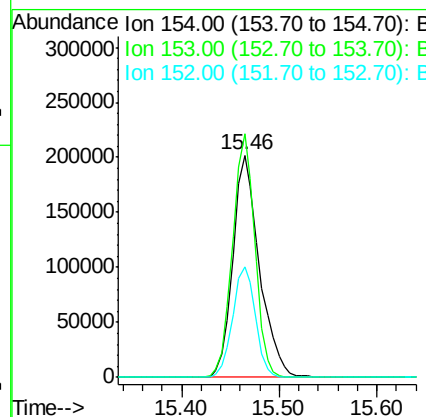
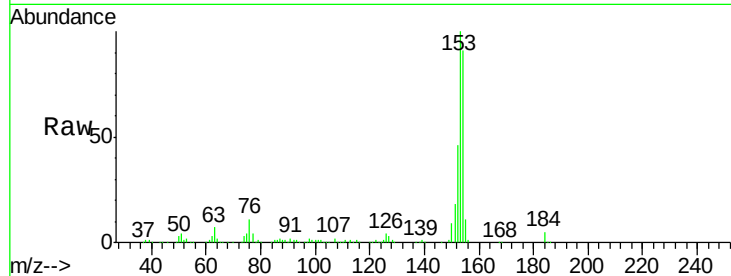
ClientSampleId :

SB-22-3.0-3.5MSD

Tgt Ion:	154	Resp:	378892
Ion Ratio	Lower	Upper	
154	100		
153	109.7	90.4	135.6
152	49.9	41.6	62.4

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#52

3-Nitroaniline

Concen: 18.563 ng

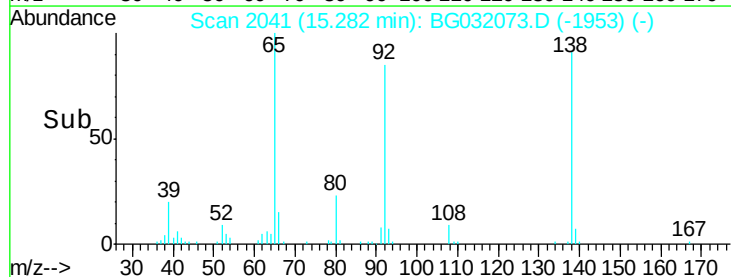
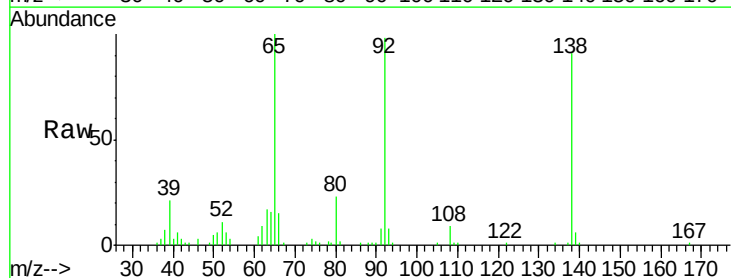
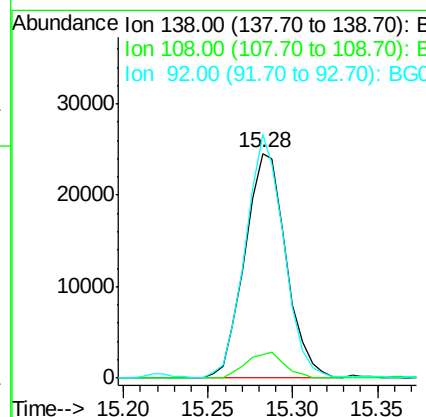
RT: 15.28 min Scan# 2041

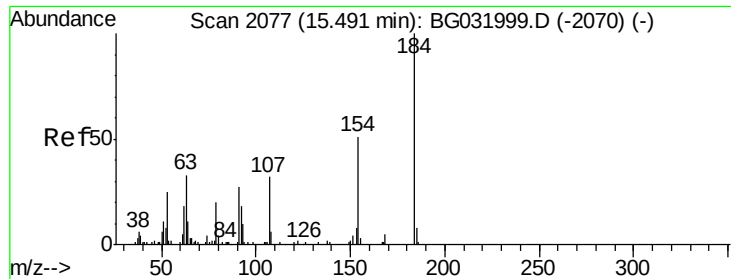
Delta R.T. -0.01 min

Lab File: BG032073.D

Acq: 16 Jan 2018 17:22

Tgt Ion:	138	Resp:	41675
Ion Ratio	Lower	Upper	
138	100		
108	10.2	17.5	26.3#
92	108.3	105.8	158.8





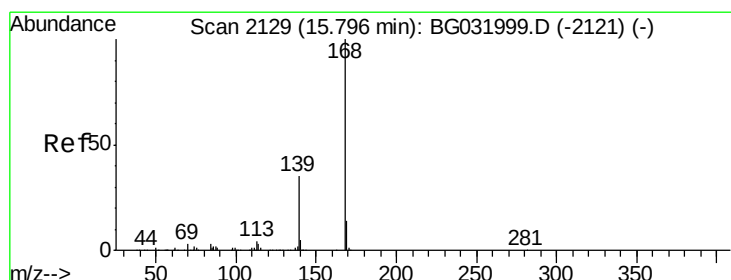
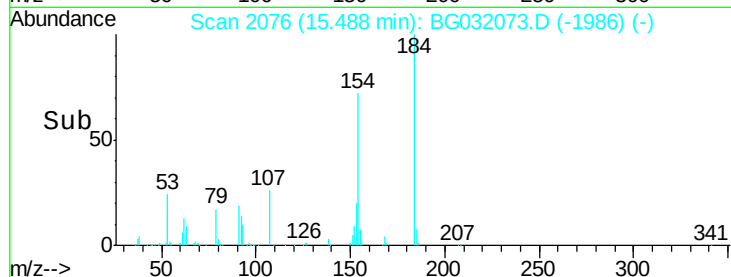
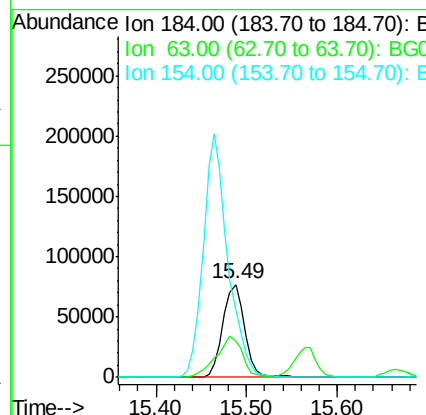
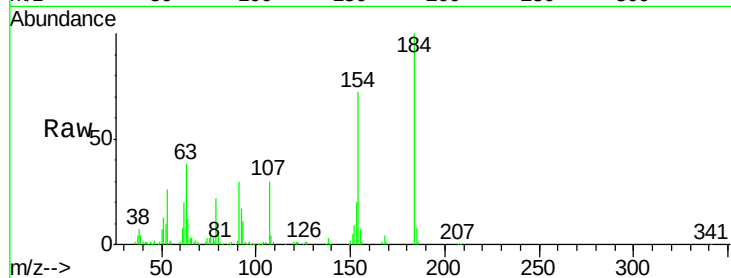
#53
 2,4-Dinitrophenol
 Concen: 102.097 ng
 RT: 15.49 min Scan# 2076
 Delta R.T. -0.00 min
 Lab File: BG032073.D
 Acq: 16 Jan 2018 17:22

Instrument :
 BNA_G
 ClientSampleId :
 SB-22-3.0-3.5MSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	129932		
63	38.4	59.8	89.8#	
154	72.3	101.8	152.8#	

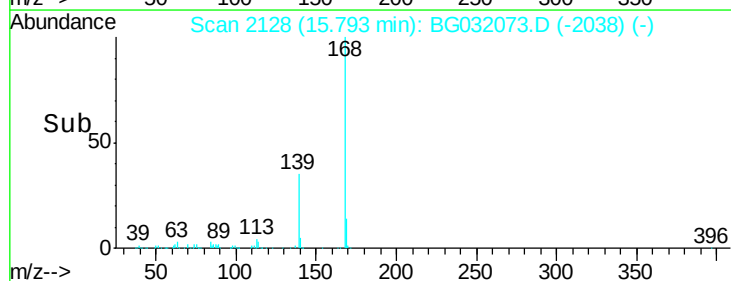
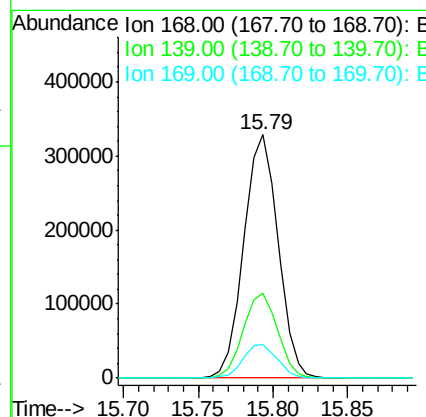
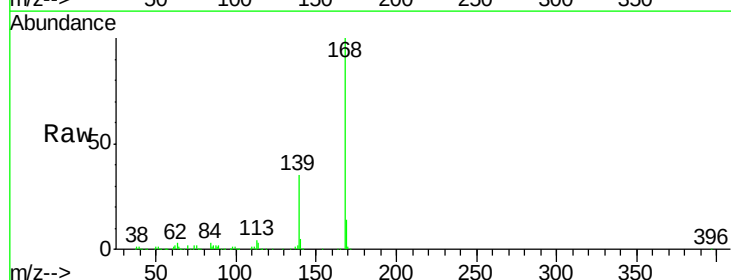
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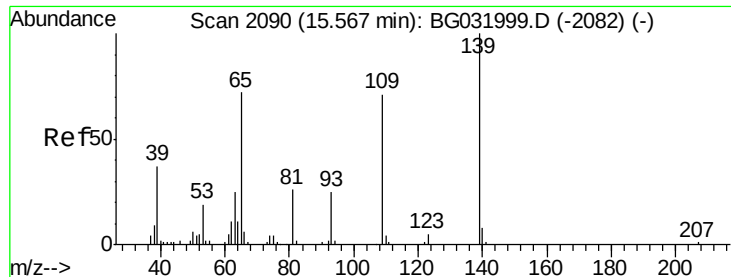
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#54
 Dibenzofuran
 Concen: 38.070 ng
 RT: 15.79 min Scan# 2128
 Delta R.T. -0.00 min
 Lab File: BG032073.D
 Acq: 16 Jan 2018 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	521894		
139	35.0	28.6	43.0	
169	13.9	11.2	16.8	





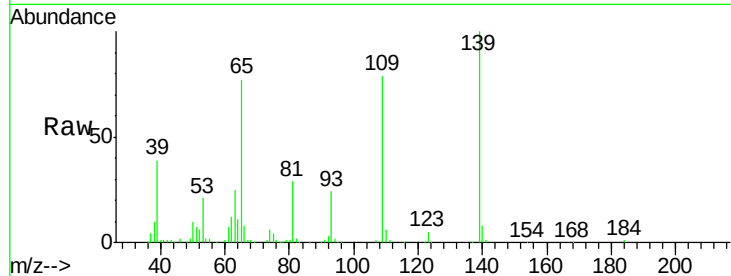
#55
4-Nitrophenol
Concen: 98.228 ng
RT: 15.56 min Scan# 2089
Delta R.T. -0.00 min
Lab File: BG032073.D
Acq: 16 Jan 2018 17:22

Instrument :
BNA_G
ClientSampleId :
SB-22-3.0-3.5MSD

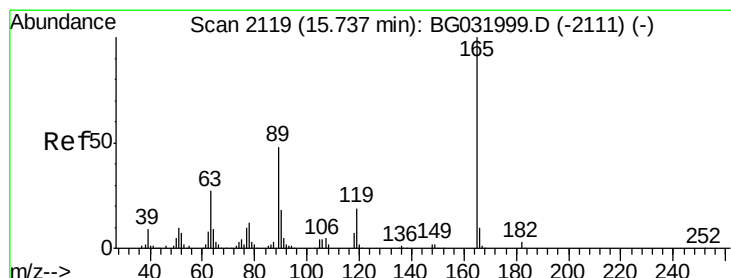
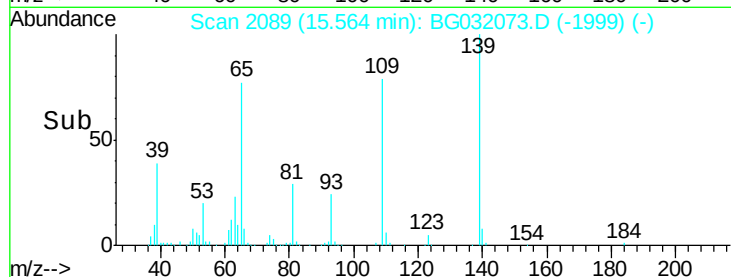
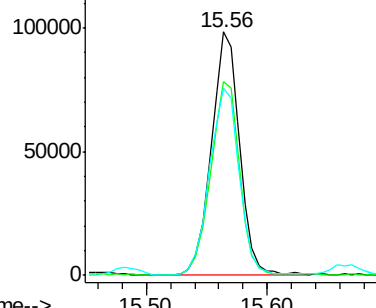
Tgt Ion	Ratio	Resp	Lower	Upper
139	100	160710		
109	79.3	62.2	102.2	
65	77.0	97.2	137.2	

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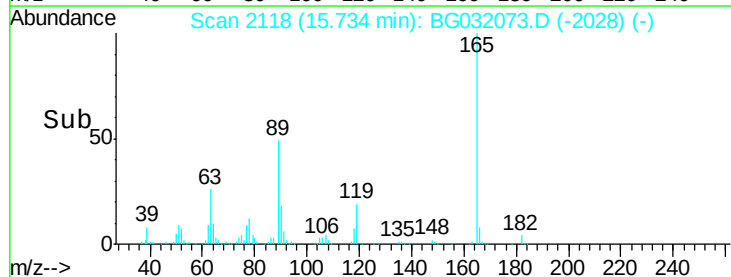
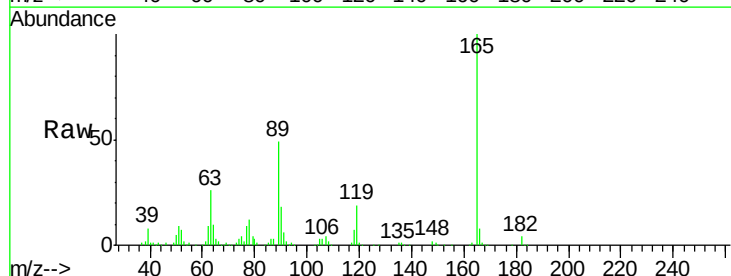
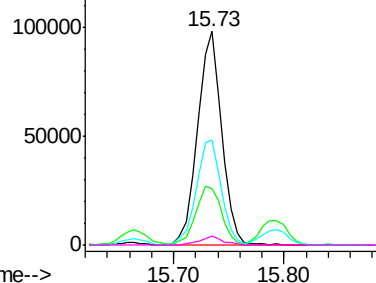
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

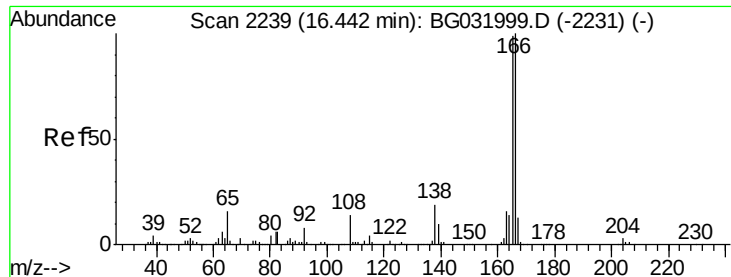


#56
2,4-Dinitrotoluene
Concen: 44.860 ng
RT: 15.73 min Scan# 2118
Delta R.T. -0.00 min
Lab File: BG032073.D
Acq: 16 Jan 2018 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	150126		
63	26.5	42.0	63.0	#
89	49.3	66.9	100.3	#
182	3.9	2.6	3.8	#

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 37.897 ng

RT: 16.43 min Scan# 2237

Delta R.T. -0.01 min

Lab File: BG032073.D

Acq: 16 Jan 2018 17:22

Instrument :

BNA_G

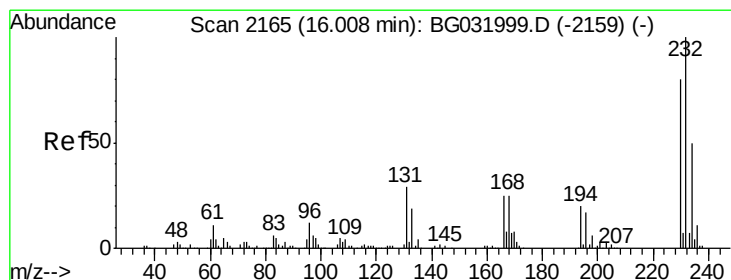
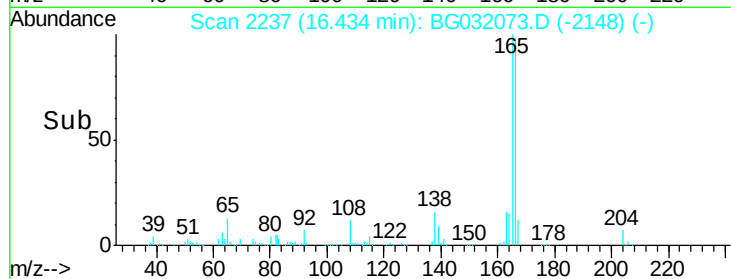
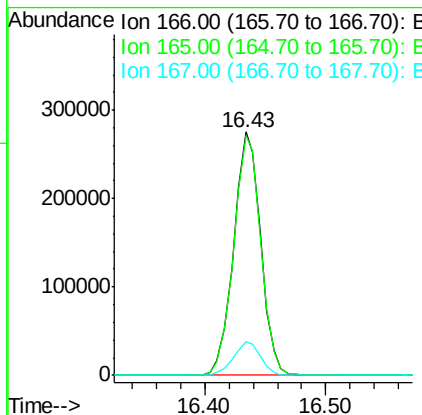
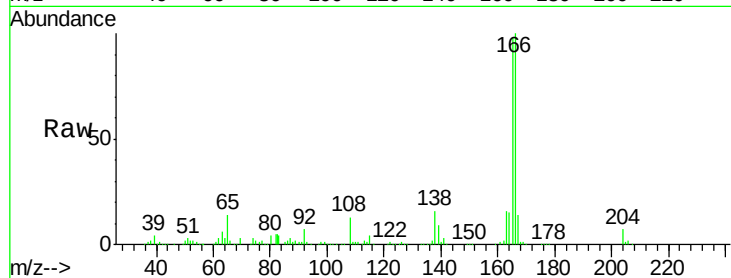
ClientSampleId :

SB-22-3.0-3.5MSD

Tgt Ion:	166	Resp:	426090
Ion Ratio		Lower	Upper
166	100		
165	98.4	80.6	121.0
167	13.8	10.4	15.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 48.196 ng

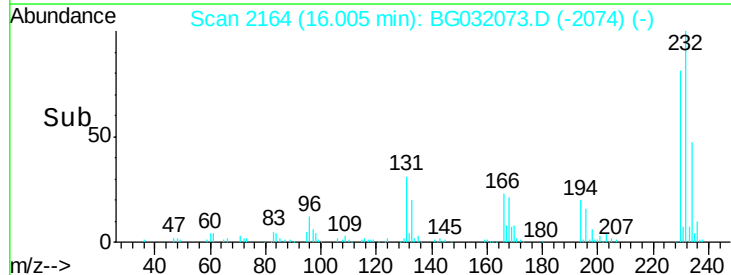
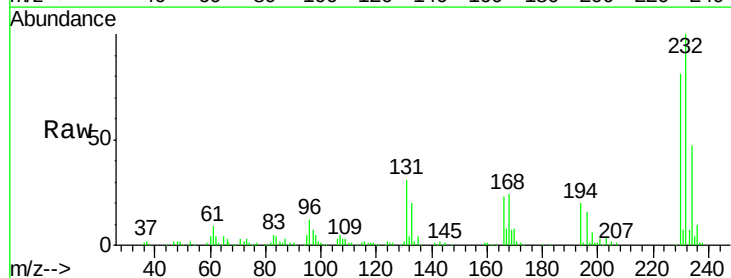
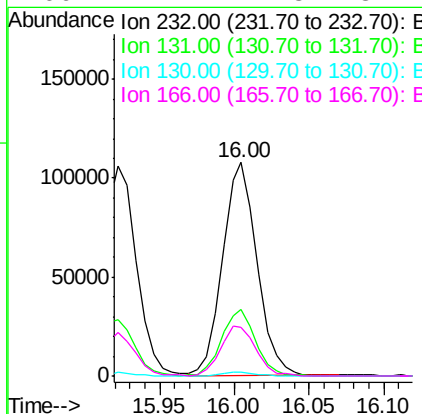
RT: 16.00 min Scan# 2164

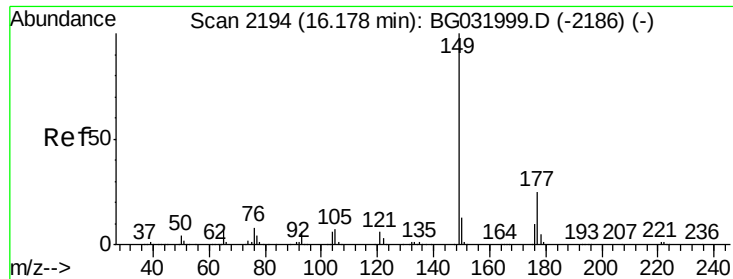
Delta R.T. -0.00 min

Lab File: BG032073.D

Acq: 16 Jan 2018 17:22

Tgt Ion:	232	Resp:	172971
Ion Ratio		Lower	Upper
232	100		
131	30.6	33.5	50.3#
130	1.6	2.2	3.2#
166	24.2	24.8	37.2#





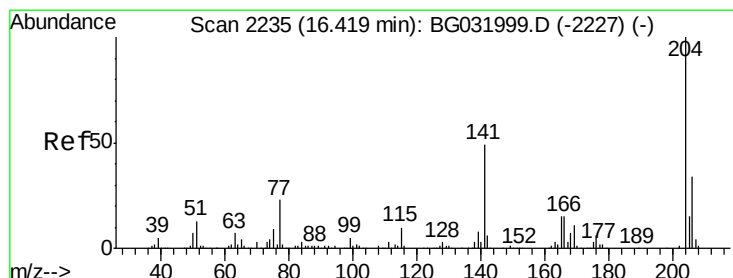
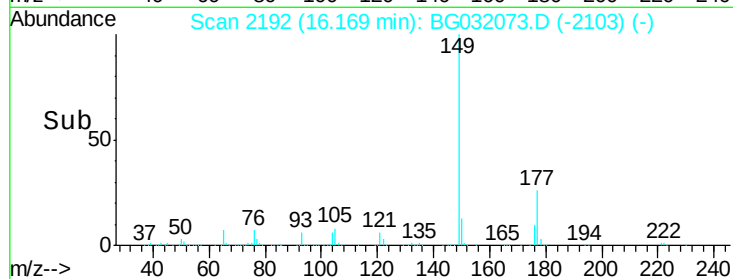
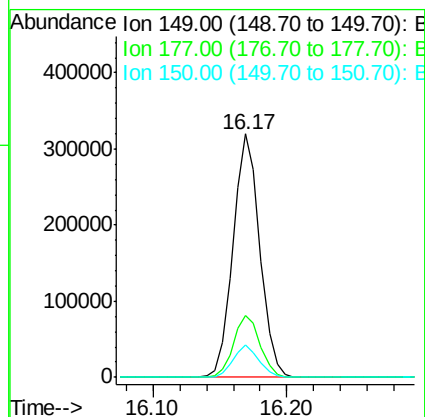
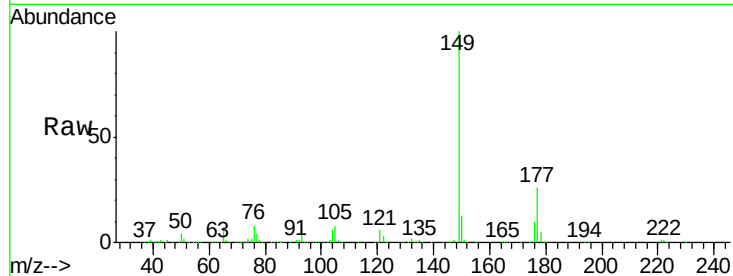
#59
Diethylphthalate
Concen: 38.358 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BG032073.D
Acq: 16 Jan 2018 17:22

Instrument :
BNA_G
ClientSampleId :
SB-22-3.0-3.5MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	445319		
177	25.6	18.5	27.7	
150	13.3	10.2	15.2	

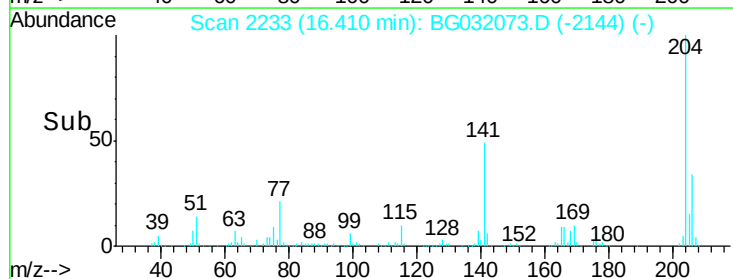
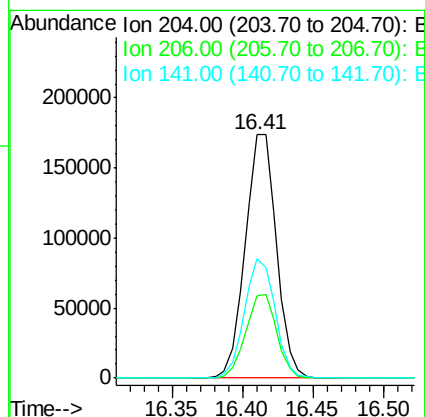
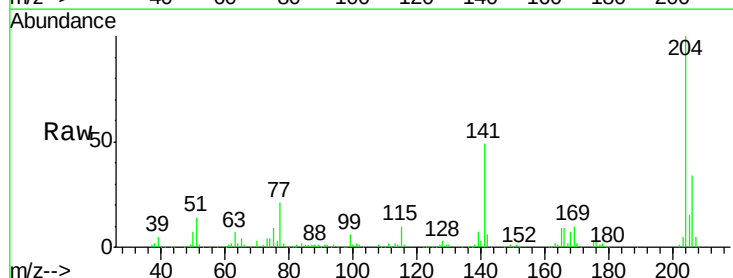
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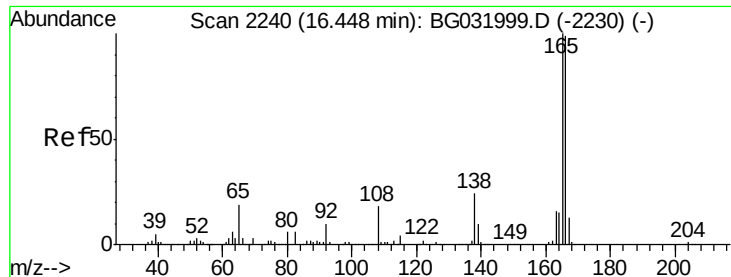
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 39.002 ng
RT: 16.41 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BG032073.D
Acq: 16 Jan 2018 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	269001		
206	33.8	26.2	39.2	
141	49.1	45.8	68.6	





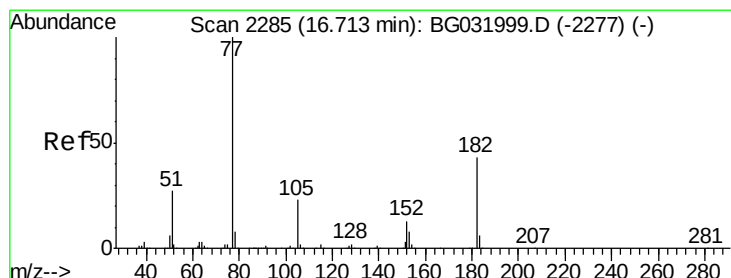
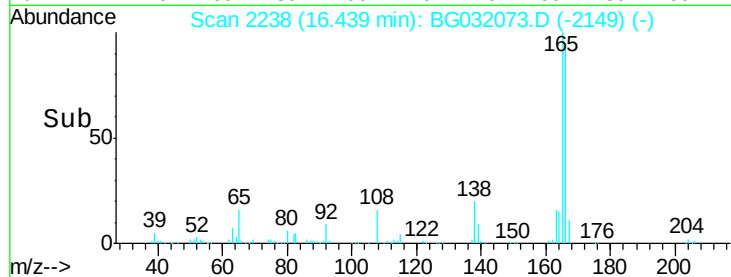
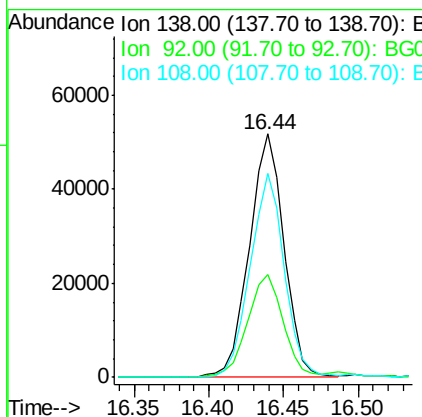
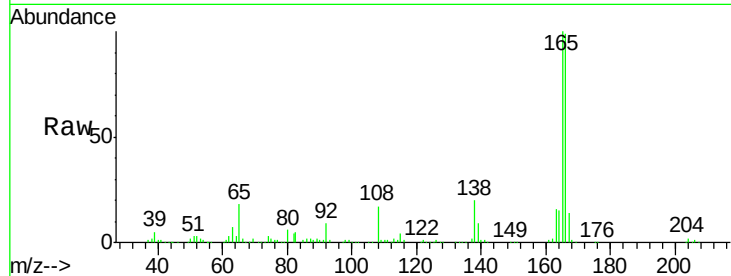
#61
4-Nitroaniline
Concen: 38.513 ng
RT: 16.44 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BG032073.D
Acq: 16 Jan 2018 17:22

Instrument :
BNA_G
ClientSampleId :
SB-22-3.0-3.5MSD

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	82940		
92	42.2	40.1	80.1	
108	83.6	65.4	105.4	

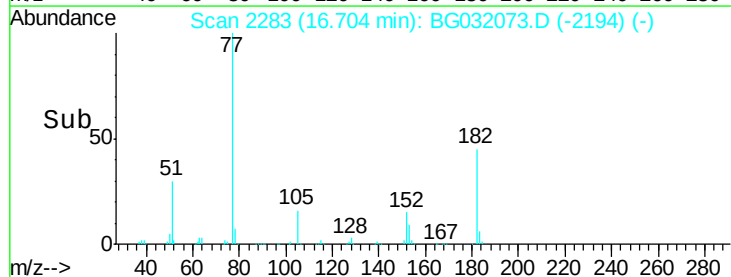
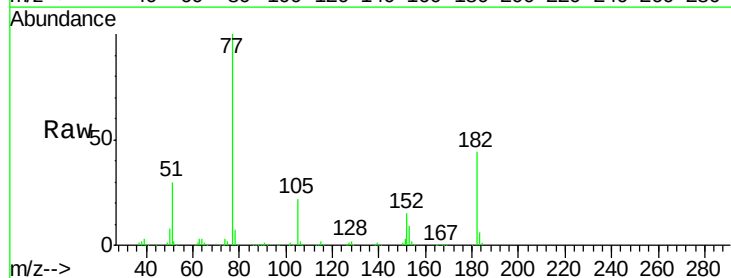
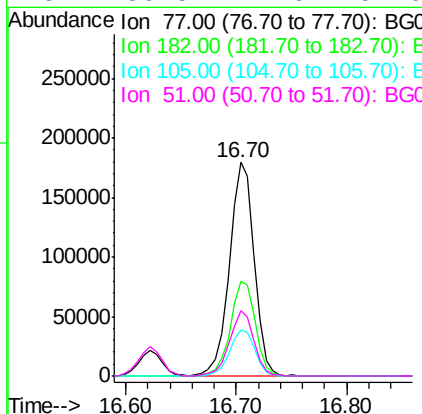
Manual Integrations
APPROVED

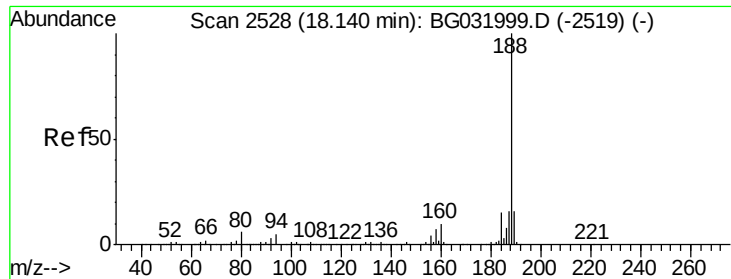
Sohil
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#62
Azobenzene
Concen: 38.859 ng
RT: 16.70 min Scan# 2283
Delta R.T. -0.01 min
Lab File: BG032073.D
Acq: 16 Jan 2018 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	282371		
182	44.1	7.4	47.4	
105	21.8	0.3	40.3	
51	30.5	11.6	51.6	





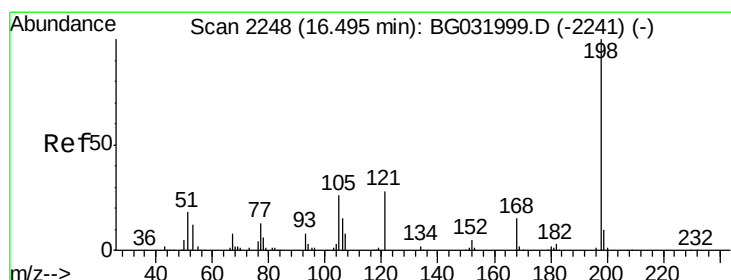
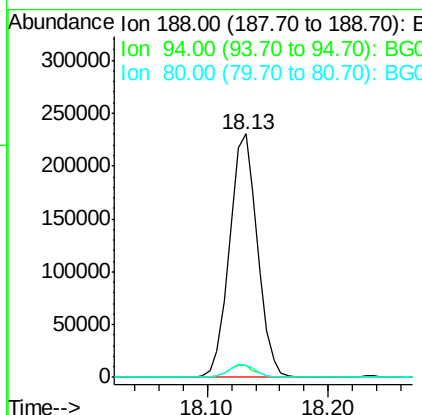
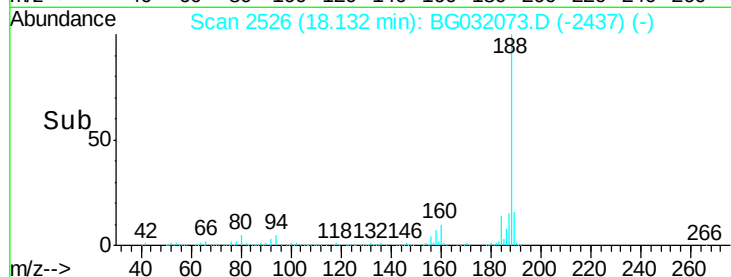
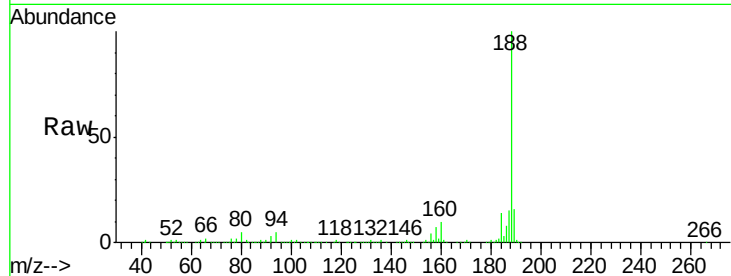
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.13 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BG032073.D
Acq: 16 Jan 2018 17:22

Instrument :
BNA_G
ClientSampleId :
SB-22-3.0-3.5MSD

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	369676		
94	5.1	6.9	10.3#	
80	5.2	7.7	11.5#	

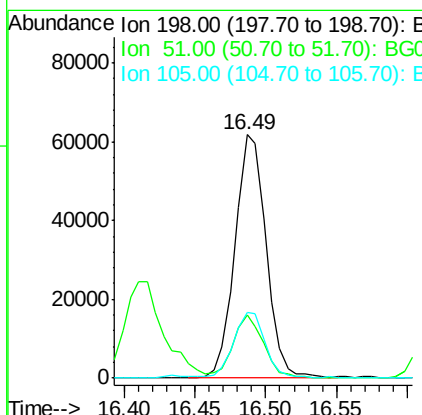
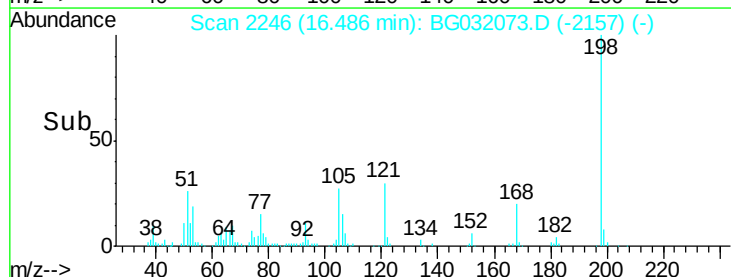
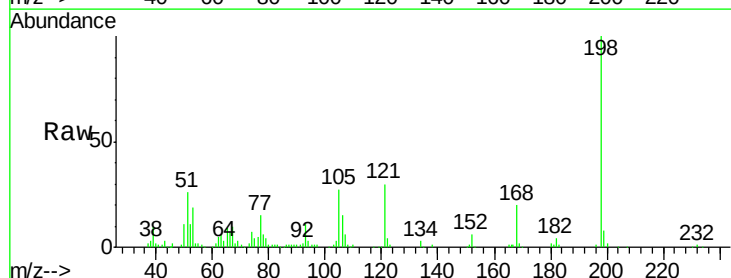
Manual Integrations
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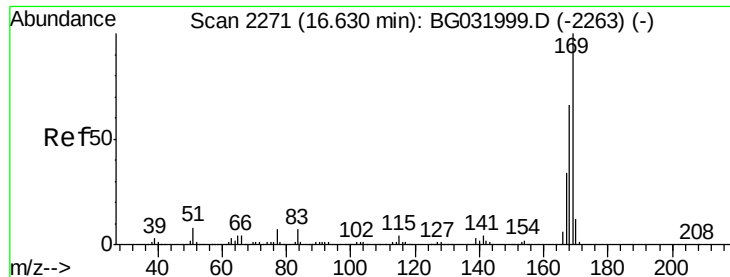
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#64
4,6-Dinitro-2-methylphenol
Concen: 41.057 ng
RT: 16.49 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BG032073.D
Acq: 16 Jan 2018 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	95288		
51	26.0	30.6	70.6#	
105	27.2	23.8	63.8	





#65

n-Nitrosodiphenylamine

Concen: 36.032 ng

RT: 16.62 min Scan# 2269

Delta R.T. -0.01 min

Lab File: BG032073.D

Acq: 16 Jan 2018 17:22

Instrument :

BNA_G

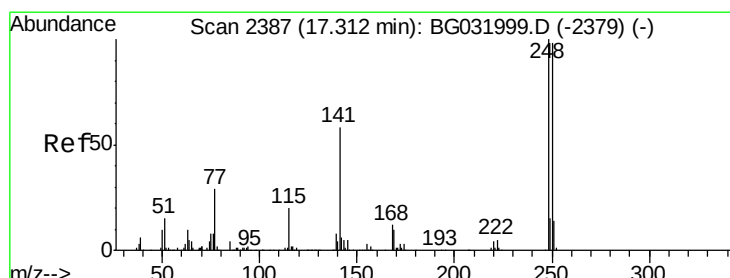
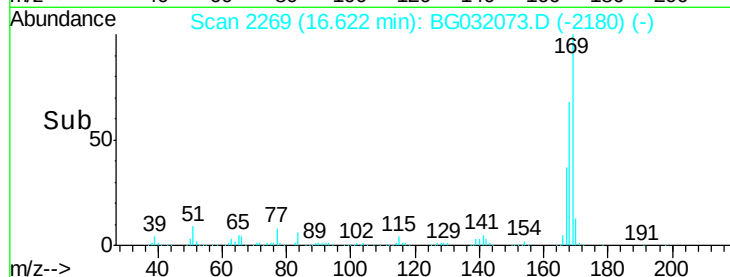
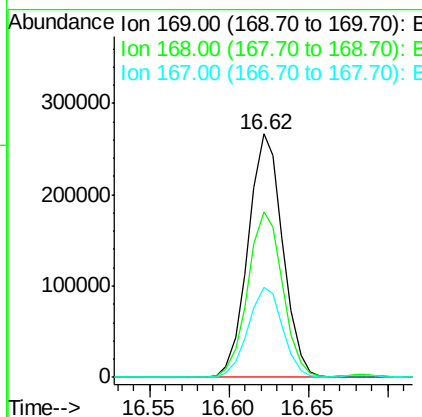
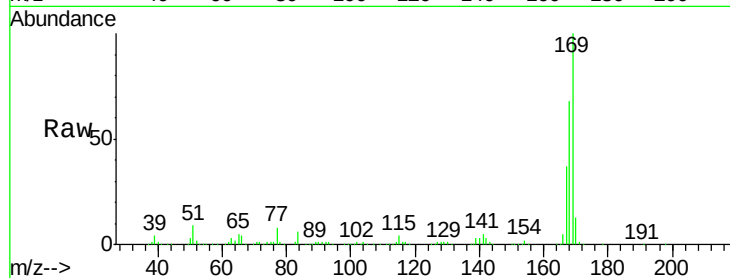
ClientSampleId :

SB-22-3.0-3.5MSD

Tgt Ion:	169	Resp:	404186
Ion Ratio	Lower	Upper	
169	100		
168	67.8	55.7	83.5
167	36.9	30.1	45.1

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#66

4-Bromophenyl-phenylether

Concen: 37.074 ng

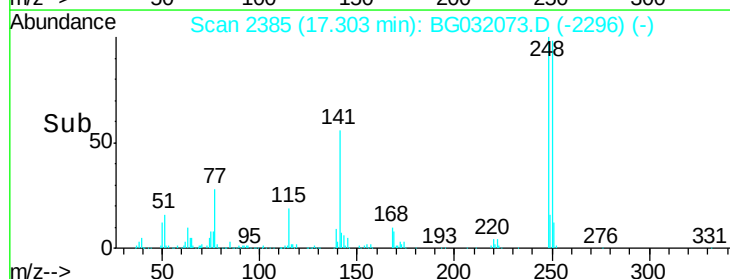
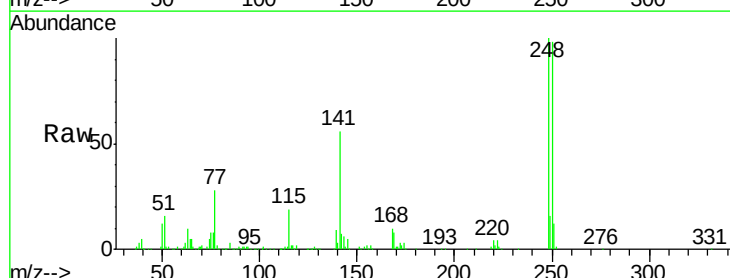
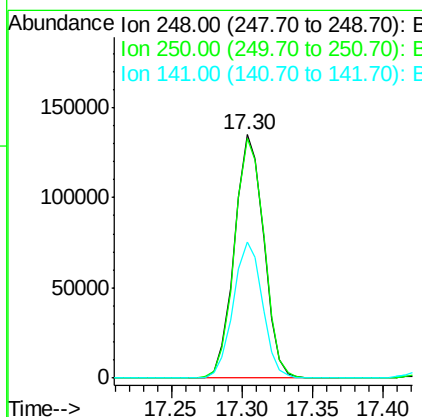
RT: 17.30 min Scan# 2385

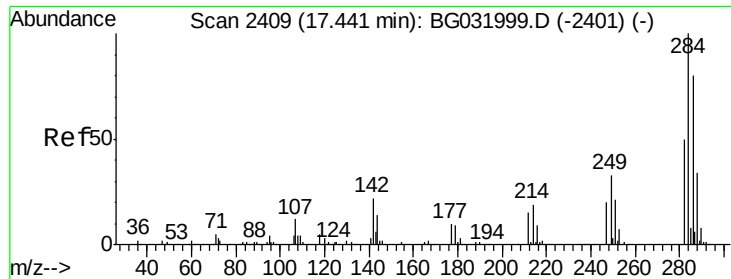
Delta R.T. -0.01 min

Lab File: BG032073.D

Acq: 16 Jan 2018 17:22

Tgt Ion:	248	Resp:	195001
Ion Ratio	Lower	Upper	
248	100		
250	98.3	77.1	115.7
141	55.8	50.8	76.2





#67

Hexachlorobenzene

Concen: 34.287 ng

RT: 17.43 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BG032073.D

Acq: 16 Jan 2018 17:22

Instrument :

BNA_G

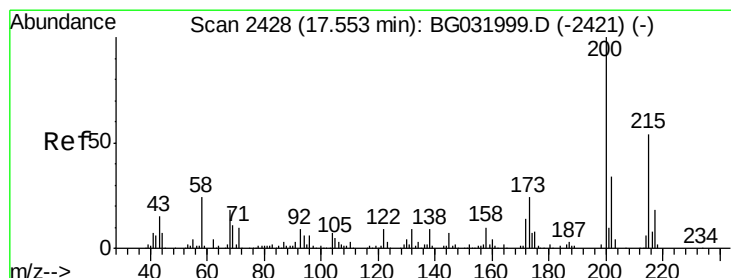
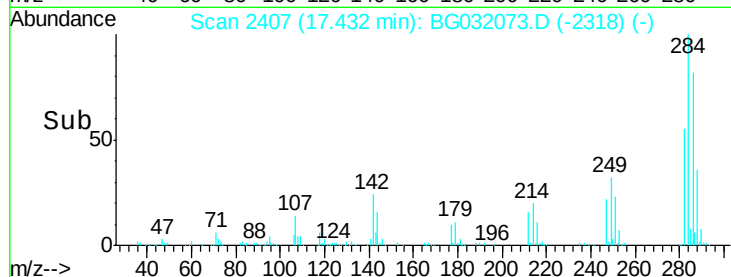
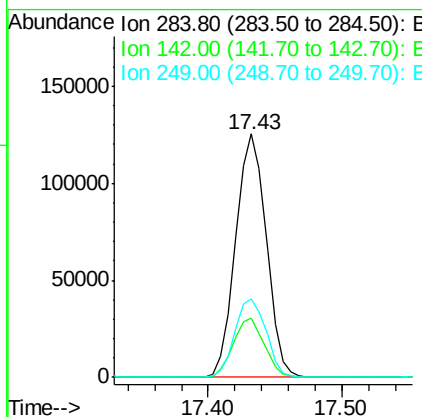
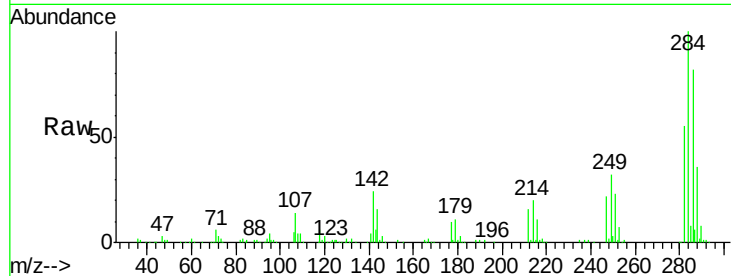
ClientSampleId :

SB-22-3.0-3.5MSD

Tgt Ion:	284	Resp:	199523
Ion Ratio		Lower	Upper
284	100		
142	24.3	26.8	40.2#
249	32.3	26.3	39.5

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#68

Atrazine

Concen: 42.183 ng

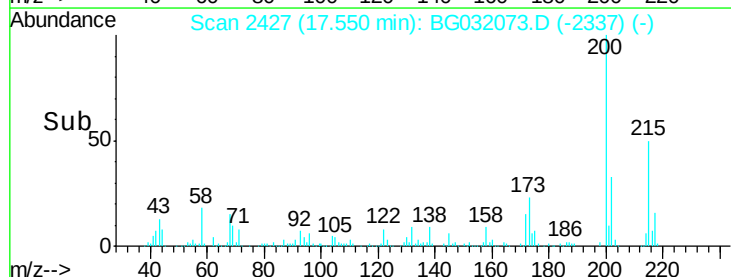
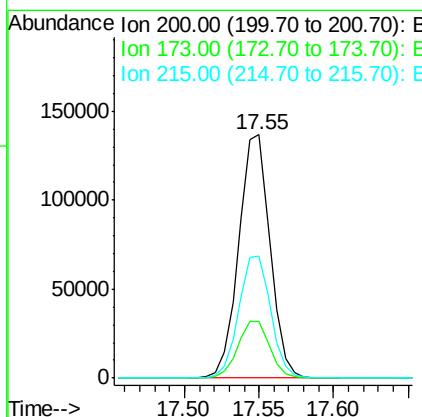
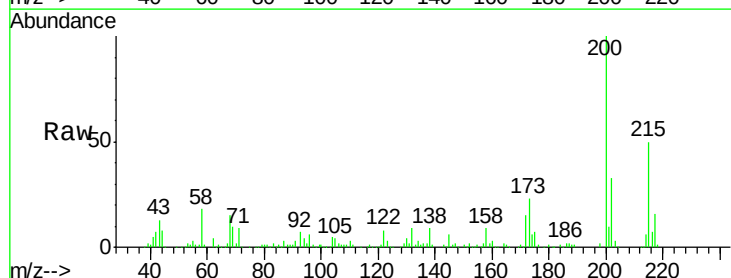
RT: 17.55 min Scan# 2427

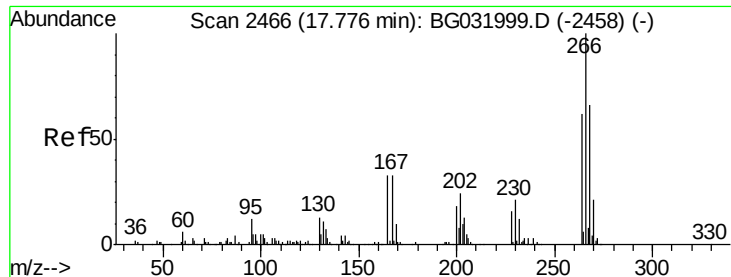
Delta R.T. -0.00 min

Lab File: BG032073.D

Acq: 16 Jan 2018 17:22

Tgt Ion:	200	Resp:	198997
Ion Ratio		Lower	Upper
200	100		
173	23.2	5.2	45.2
215	50.1	30.4	70.4





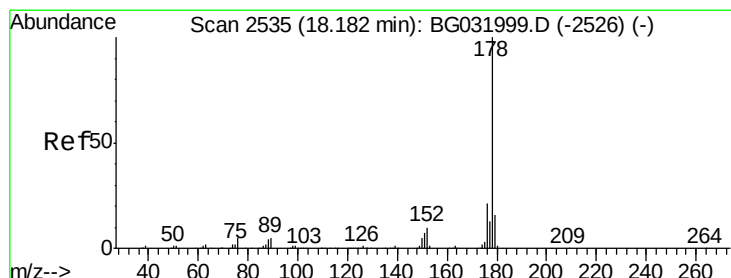
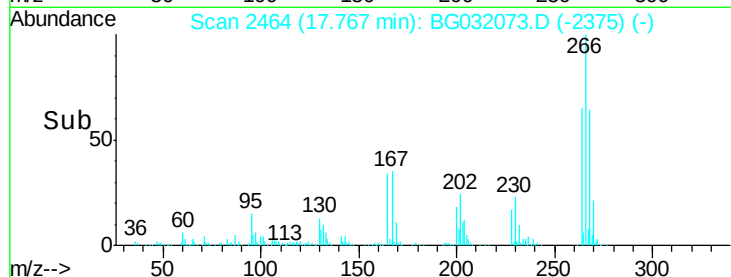
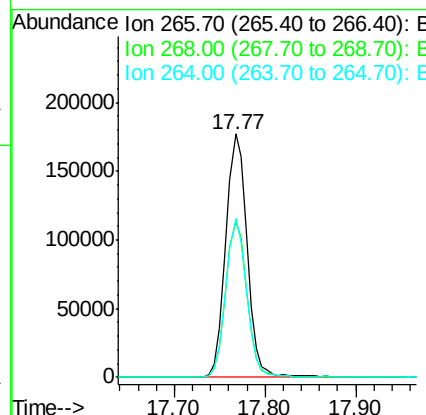
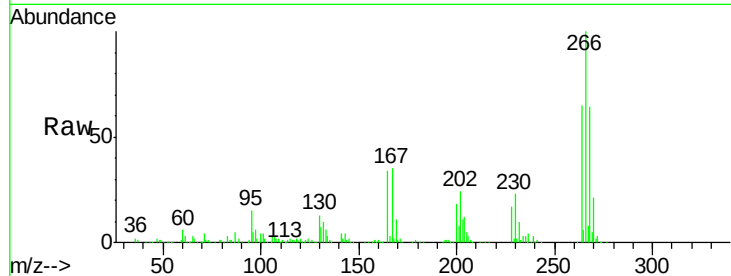
#69
 Pentachlorophenol
 Concen: 78.107 ng
 RT: 17.77 min Scan# 2464
 Delta R.T. -0.01 min
 Lab File: BG032073.D
 Acq: 16 Jan 2018 17:22

Instrument :
 BNA_G
 ClientSampleId :
 SB-22-3.0-3.5MSD

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.1	76.7
264	65.4	49.6	74.4

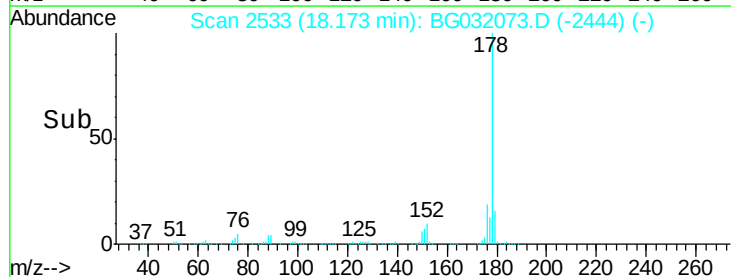
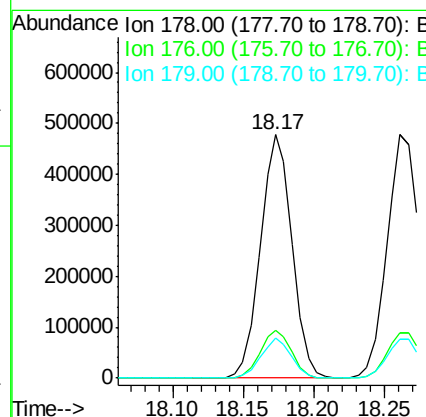
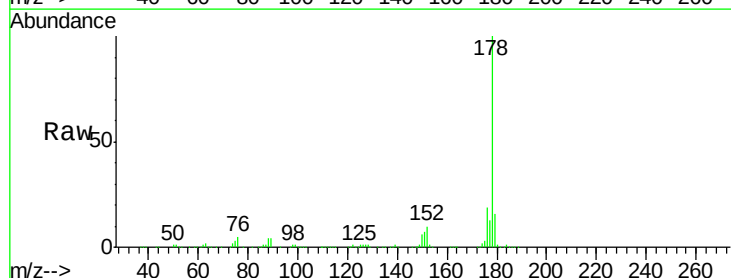
Manual Integrations
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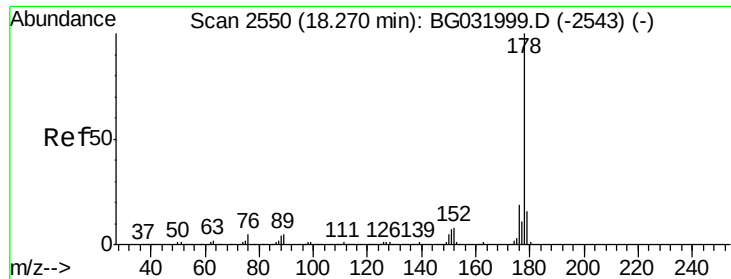
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#70
 Phenanthrene
 Concen: 36.319 ng
 RT: 18.17 min Scan# 2533
 Delta R.T. -0.01 min
 Lab File: BG032073.D
 Acq: 16 Jan 2018 17:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.7	23.5
179	16.3	12.5	18.7





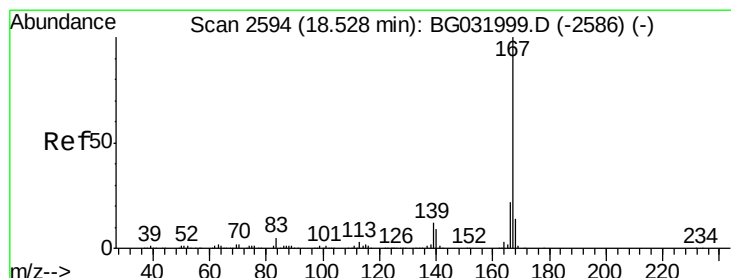
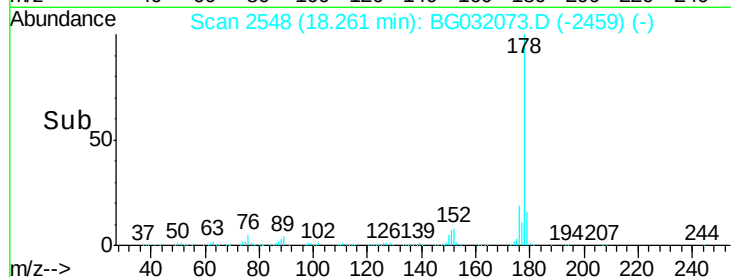
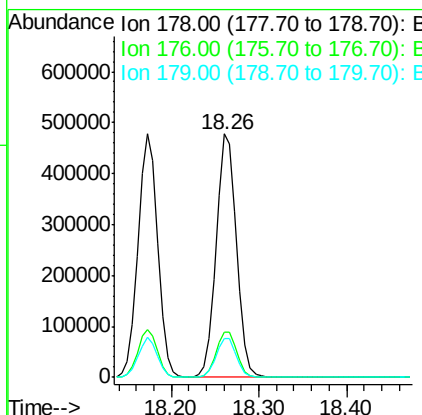
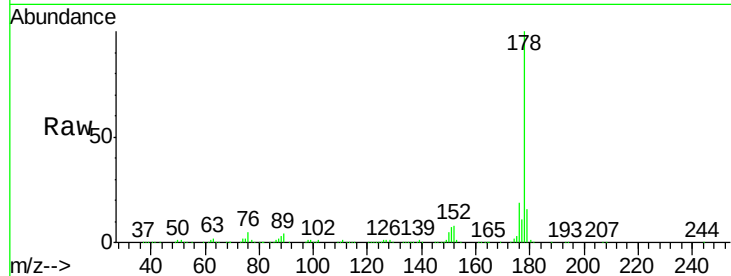
#71
 Anthracene
 Concen: 37.412 ng
 RT: 18.26 min Scan# 2548
 Delta R.T. -0.01 min
 Lab File: BG032073.D
 Acq: 16 Jan 2018 17:22

Instrument :
 BNA_G
 ClientSampleId :
 SB-22-3.0-3.5MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.0	24.0
179	15.8	12.5	18.7

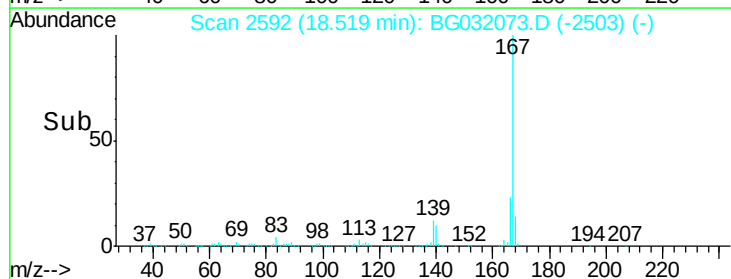
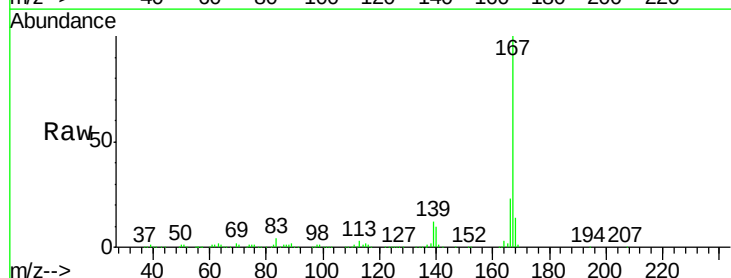
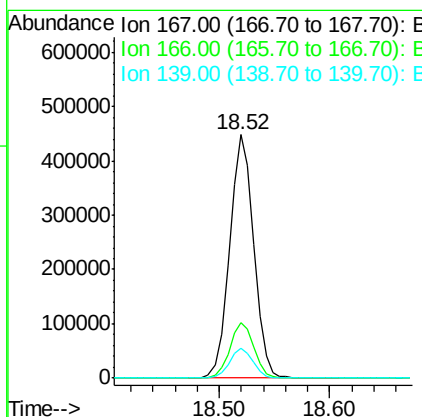
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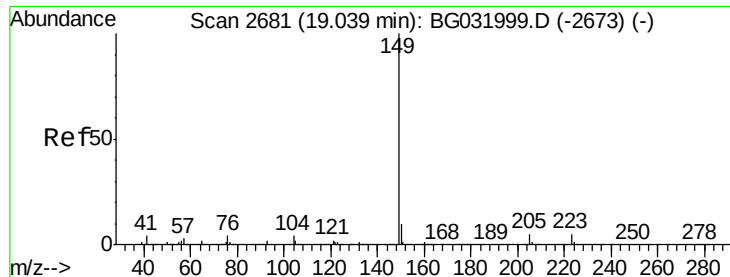
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#72
 Carbazole
 Concen: 38.526 ng
 RT: 18.52 min Scan# 2592
 Delta R.T. -0.01 min
 Lab File: BG032073.D
 Acq: 16 Jan 2018 17:22

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.2	27.4
139	12.1	9.4	14.2





#73

Di-n-butylphthalate

Concen: 37.042 ng

RT: 19.03 min Scan# 2679

Delta R.T. -0.01 min

Lab File: BG032073.D

Acq: 16 Jan 2018 17:22

Instrument :

BNA_G

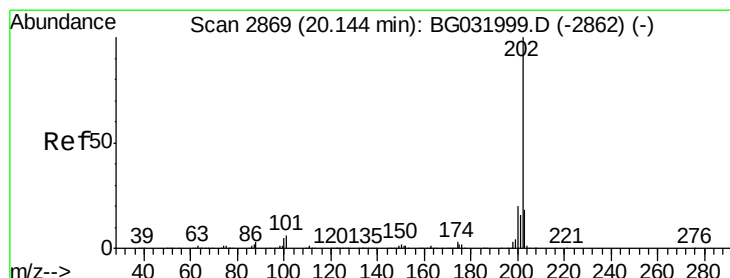
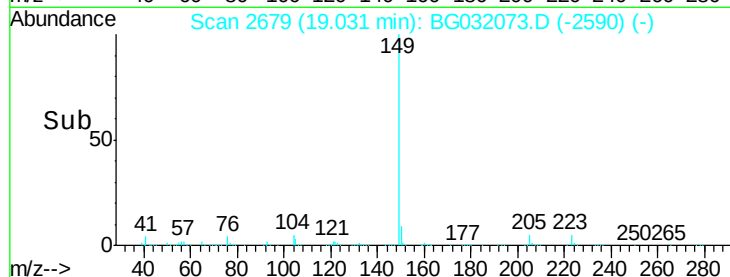
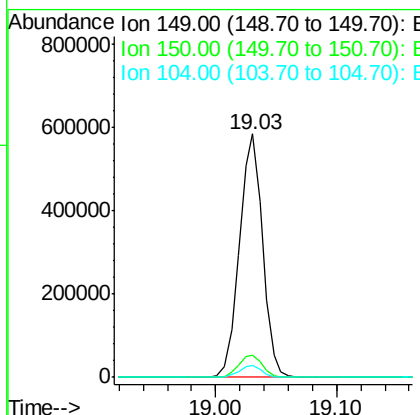
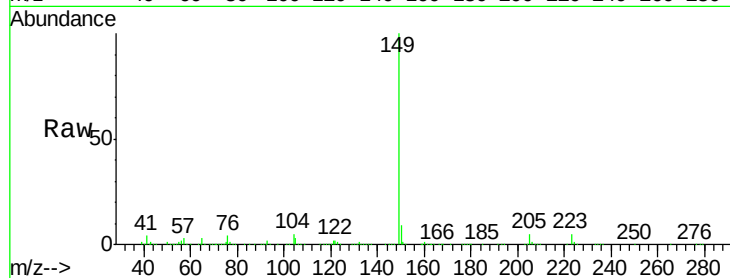
ClientSampleId :

SB-22-3.0-3.5MSD

Tgt Ion:	149	Resp:	779474
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.8	11.6
104	4.9	3.9	5.9

Manual Integrations
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#74

Fluoranthene

Concen: 39.006 ng

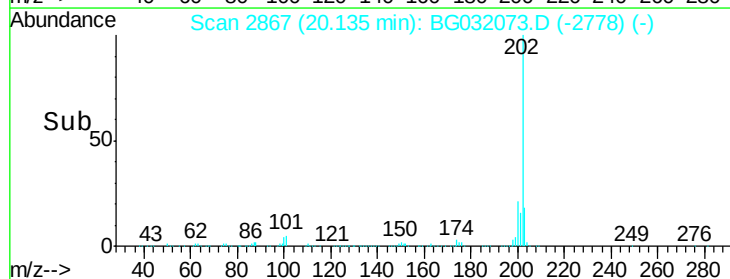
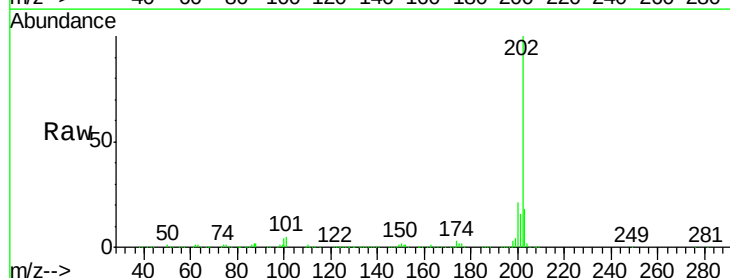
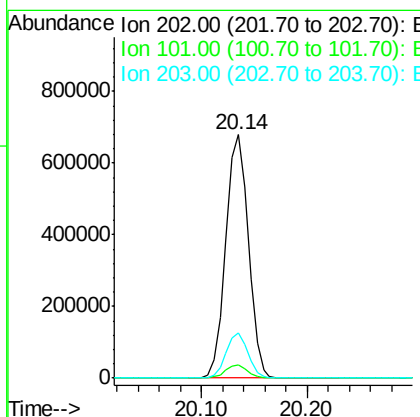
RT: 20.14 min Scan# 2867

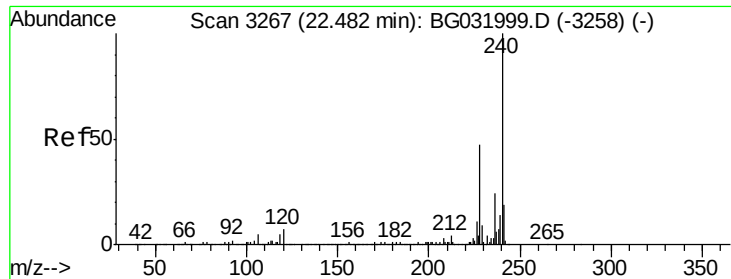
Delta R.T. -0.01 min

Lab File: BG032073.D

Acq: 16 Jan 2018 17:22

Tgt Ion:	202	Resp:	1005176
Ion Ratio	Lower	Upper	
202	100		
101	5.5	0.0	28.9
203	18.4	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.47 min Scan# 3264

Delta R.T. -0.01 min

Lab File: BG032073.D

Acq: 16 Jan 2018 17:22

Instrument :

BNA_G

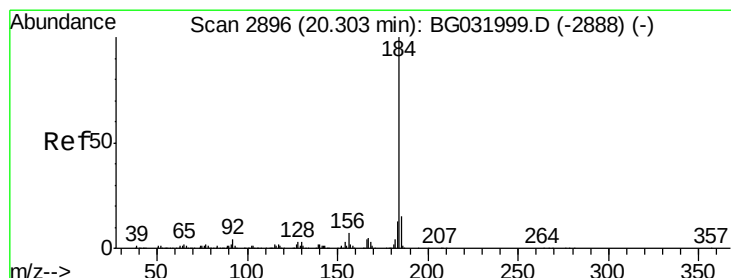
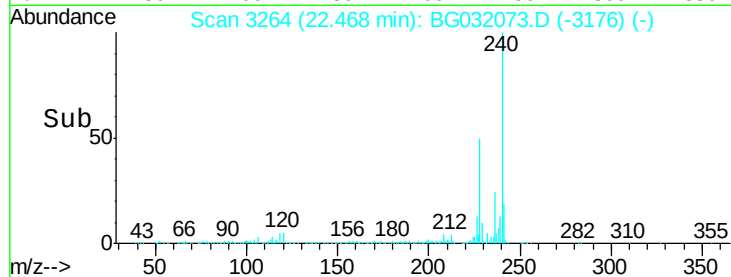
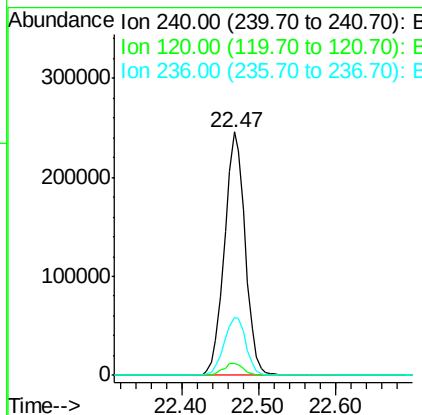
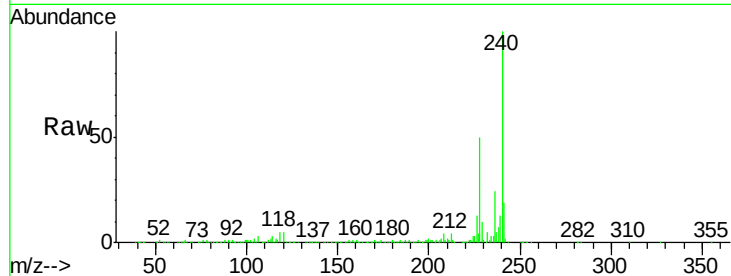
ClientSampleId :

SB-22-3.0-3.5MSD

Tgt Ion:	240	Resp:	459346
Ion Ratio	Lower	Upper	
240	100		
120	5.0	6.8	10.2#
236	23.8	20.9	31.3

Manual Integrations
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#76

Benzidine

Concen: 17.938 ng

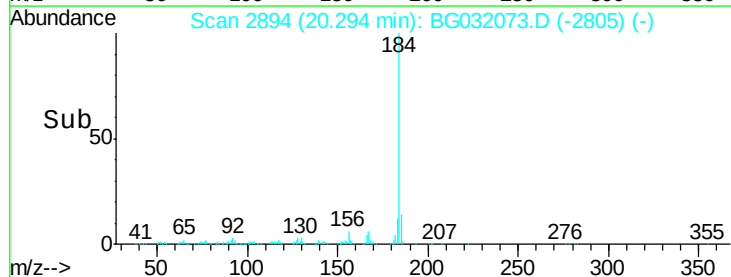
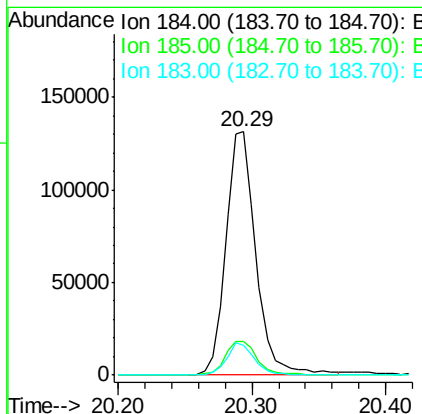
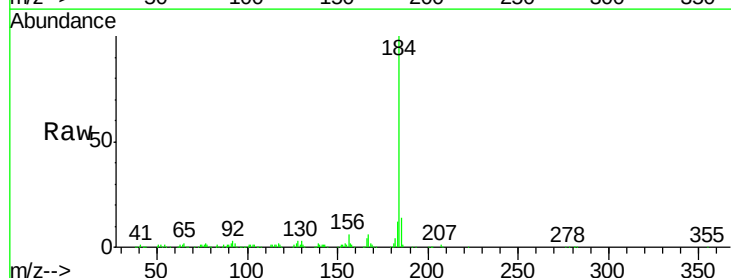
RT: 20.29 min Scan# 2894

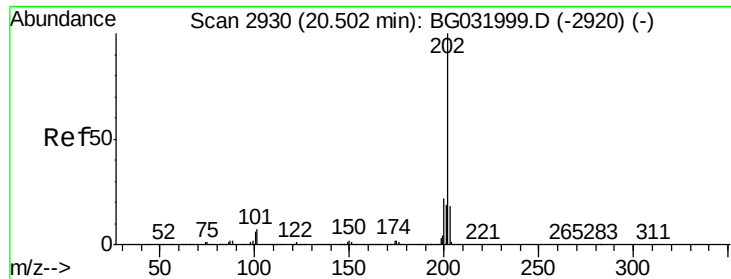
Delta R.T. -0.01 min

Lab File: BG032073.D

Acq: 16 Jan 2018 17:22

Tgt Ion:	184	Resp:	206044
Ion Ratio	Lower	Upper	
184	100		
185	13.9	11.1	16.7
183	12.2	10.6	16.0





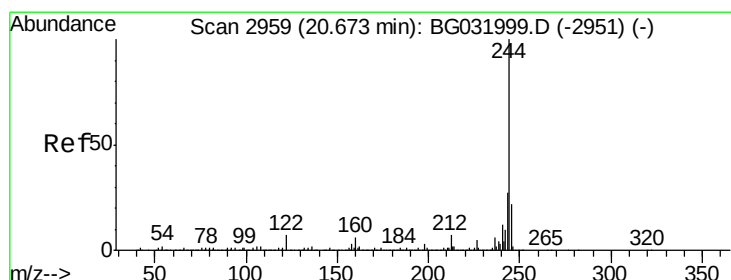
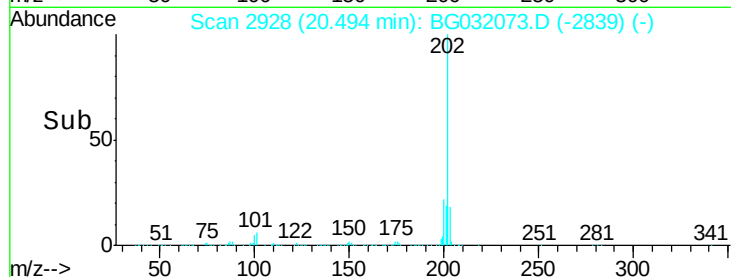
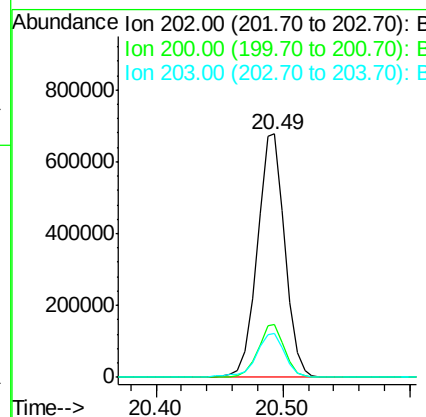
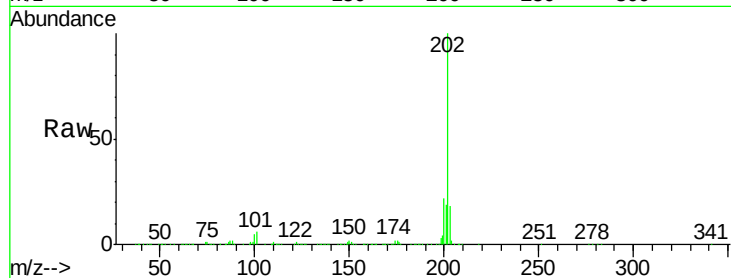
#77
 Pyrene
 Concen: 35.346 ng
 RT: 20.49 min Scan# 2928
 Delta R.T. -0.01 min
 Lab File: BG032073.D
 Acq: 16 Jan 2018 17:22

Instrument :
 BNA_G
 ClientSampleId :
 SB-22-3.0-3.5MSD

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.8	16.9	25.3
203	18.2	13.9	20.9

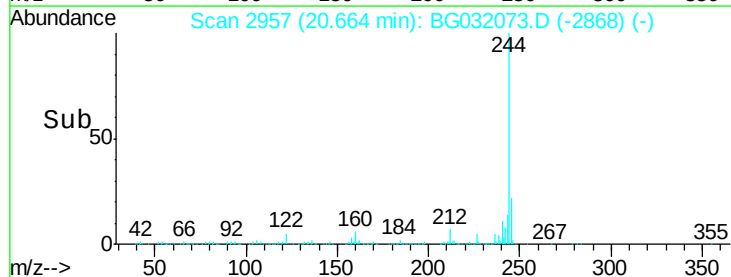
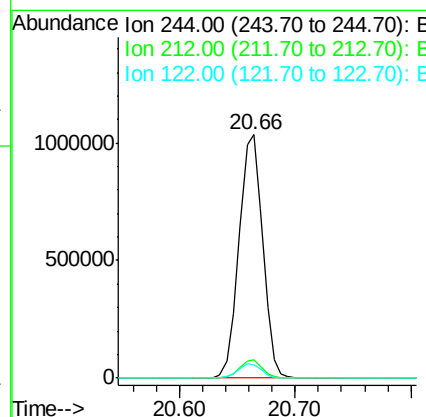
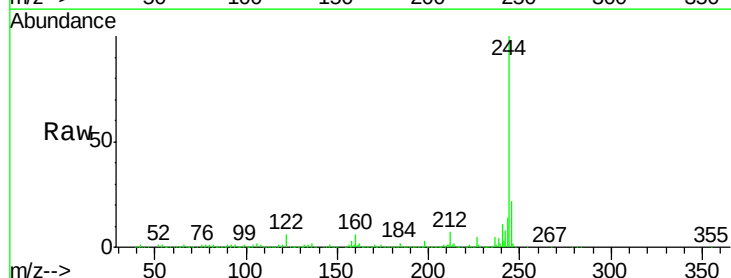
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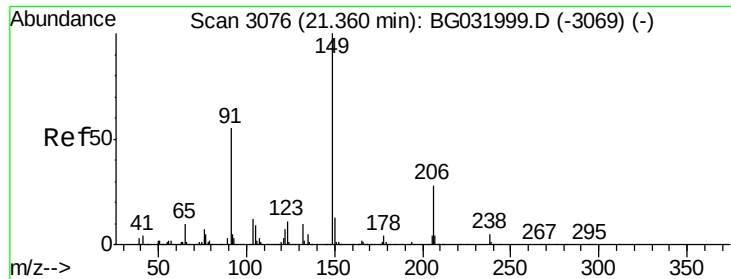
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#78
 Terphenyl-d14
 Concen: 70.609 ng
 RT: 20.66 min Scan# 2957
 Delta R.T. -0.01 min
 Lab File: BG032073.D
 Acq: 16 Jan 2018 17:22

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	5.6	7.0	10.4#





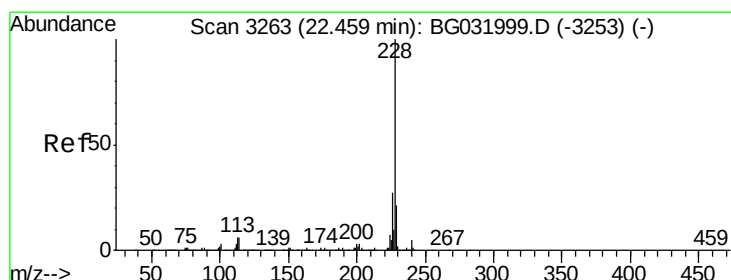
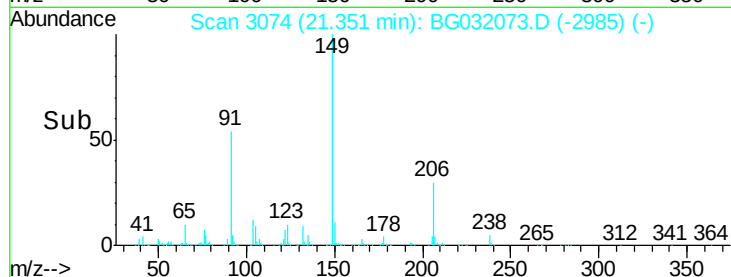
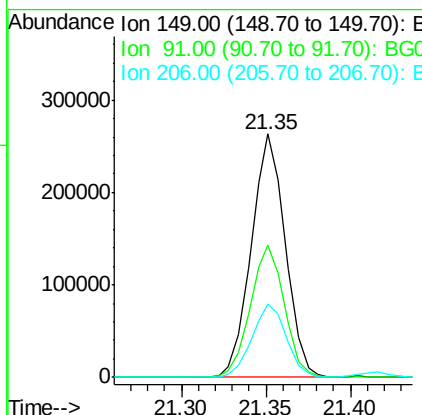
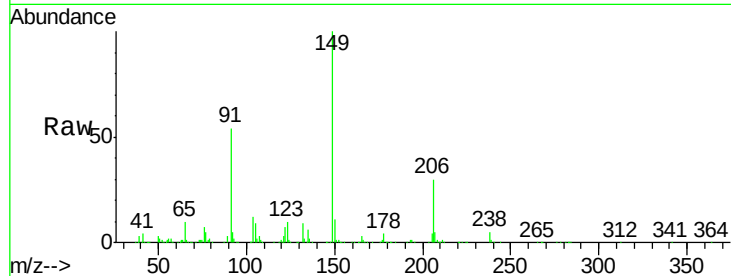
#79
Butylbenzylphthalate
Concen: 35.479 ng
RT: 21.35 min Scan# 3074
Delta R.T. -0.01 min
Lab File: BG032073.D
Acq: 16 Jan 2018 17:22

Instrument :
BNA_G
ClientSampleId :
SB-22-3.0-3.5MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
91	54.1	62.2	93.2#
206	29.9	18.6	27.8#

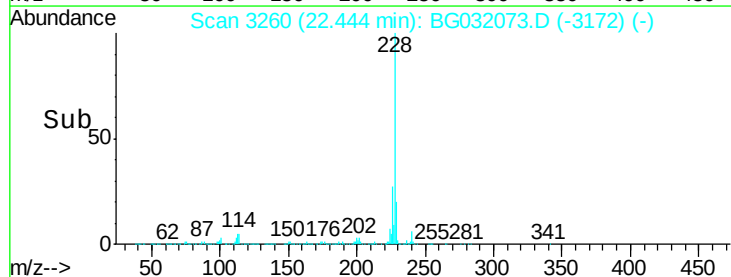
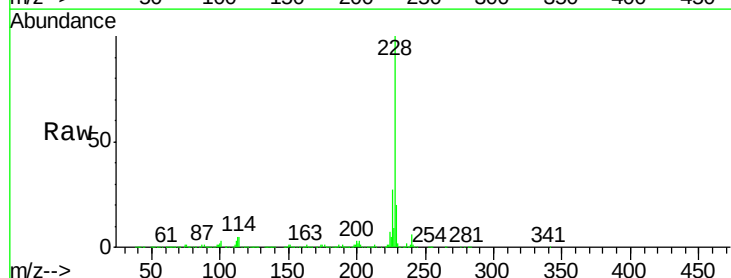
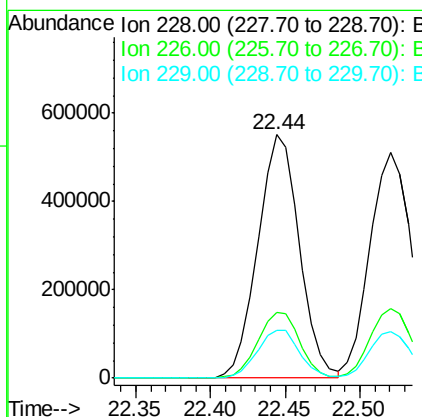
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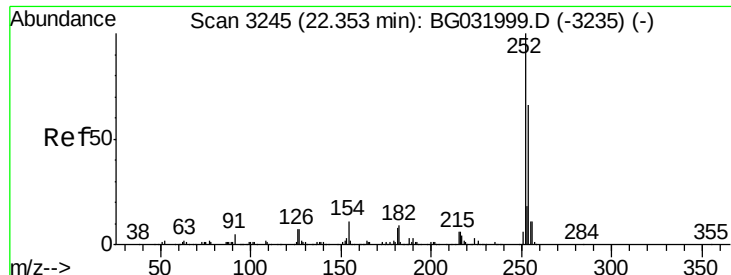
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#80
Benzo(a)anthracene
Concen: 37.229 ng
RT: 22.44 min Scan# 3260
Delta R.T. -0.01 min
Lab File: BG032073.D
Acq: 16 Jan 2018 17:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.7	34.1
229	19.9	16.2	24.2





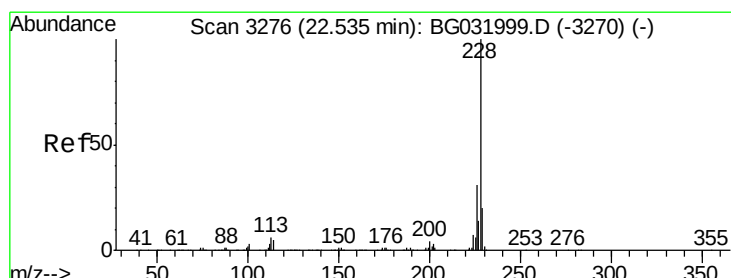
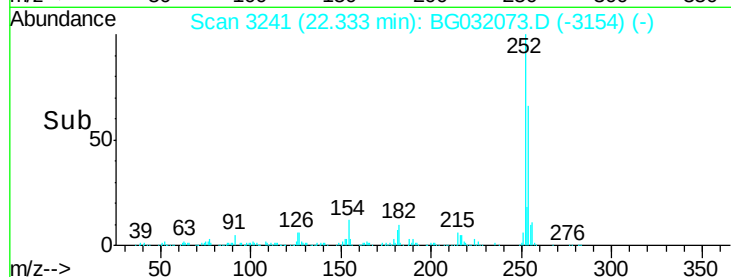
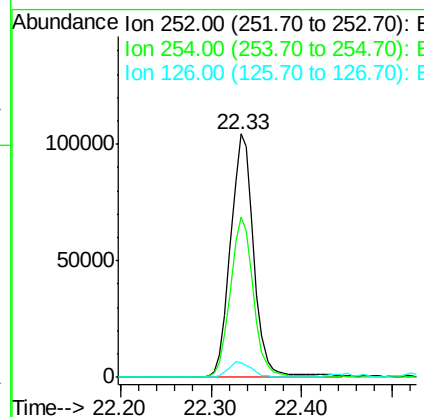
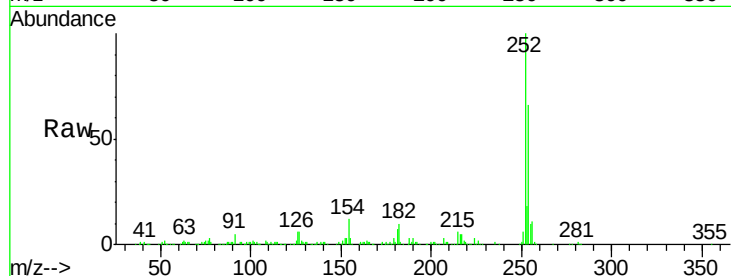
#81
 3,3'-Dichlorobenzidine
 Concen: 17.535 ng
 RT: 22.33 min Scan# 3241
 Delta R.T. -0.02 min
 Lab File: BG032073.D
 Acq: 16 Jan 2018 17:22

Instrument :
 BNA_G
 ClientSampleId :
 SB-22-3.0-3.5MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.8	50.8	76.2
126	6.1	7.4	11.2

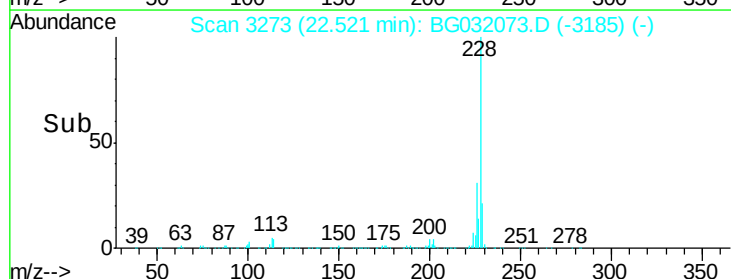
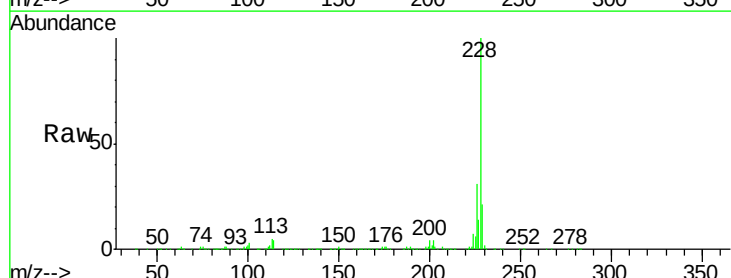
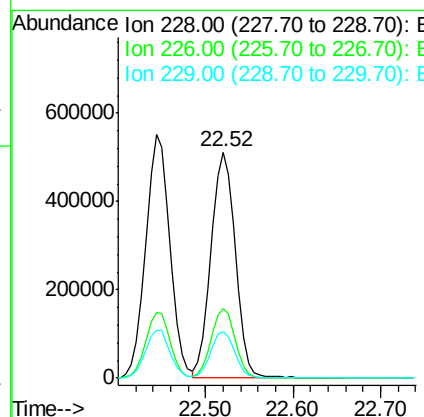
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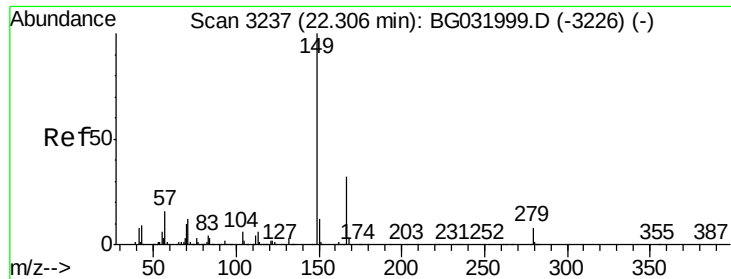
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#82
 Chrysene
 Concen: 36.197 ng
 RT: 22.52 min Scan# 3273
 Delta R.T. -0.01 min
 Lab File: BG032073.D
 Acq: 16 Jan 2018 17:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.9	37.3
229	20.7	15.0	22.4





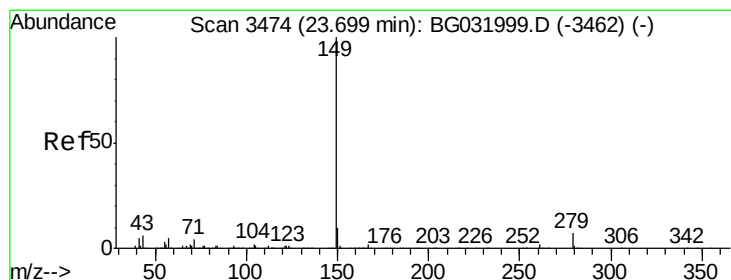
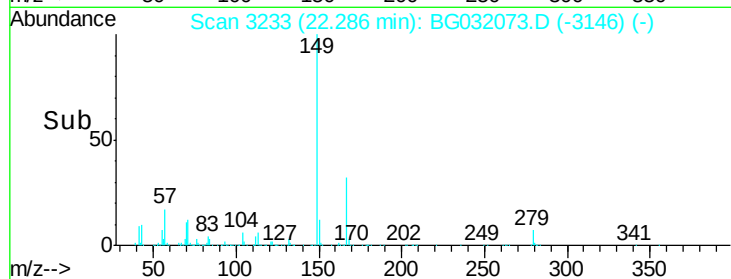
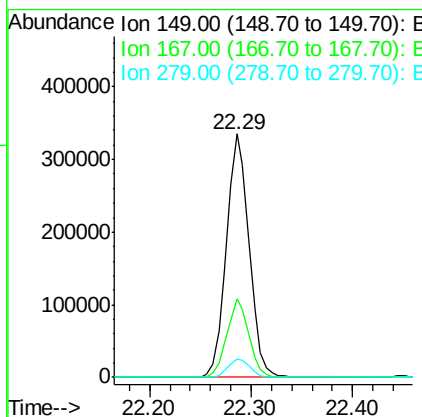
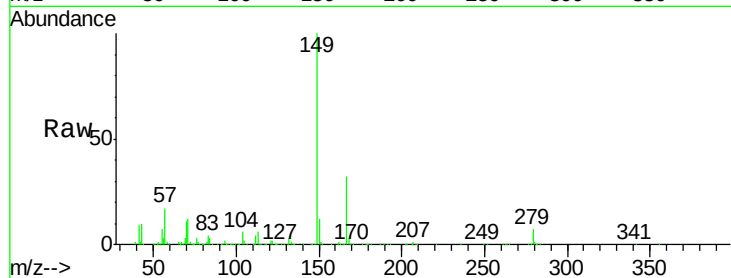
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.175 ng
 RT: 22.29 min Scan# 3233
 Delta R.T. -0.02 min
 Lab File: BG032073.D
 Acq: 16 Jan 2018 17:22

Instrument :
 BNA_G
 ClientSampleId :
 SB-22-3.0-3.5MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	32.0	24.3	36.5
279	7.4	4.0	6.0

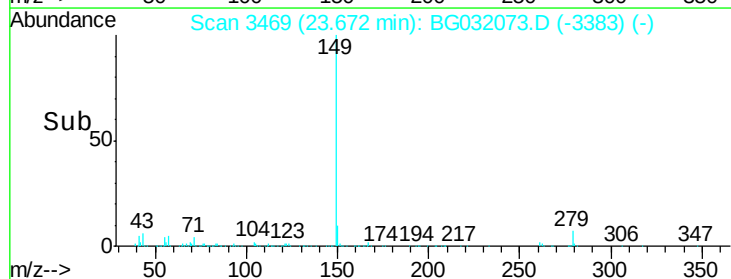
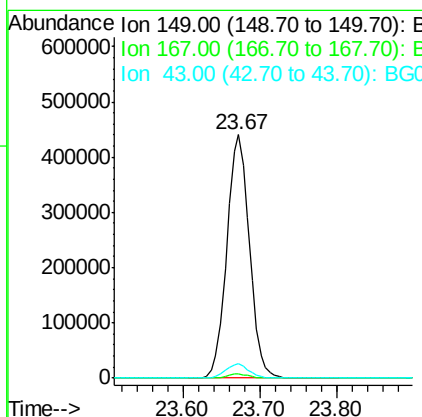
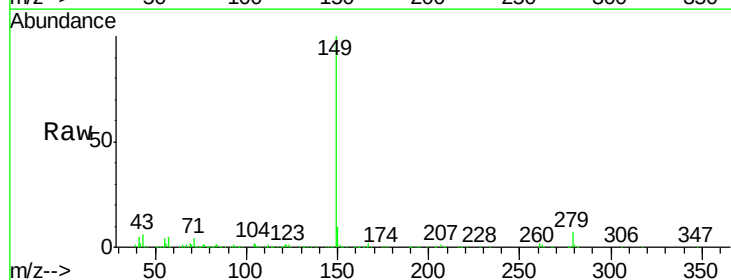
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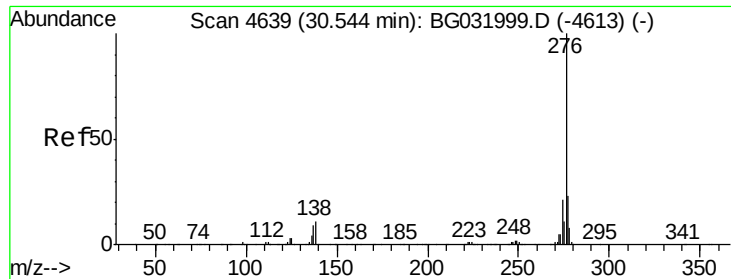
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#84
 Di-n-octyl phthalate
 Concen: 37.183 ng
 RT: 23.67 min Scan# 3469
 Delta R.T. -0.03 min
 Lab File: BG032073.D
 Acq: 16 Jan 2018 17:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.9	1.4	2.0
43	6.0	8.9	13.3





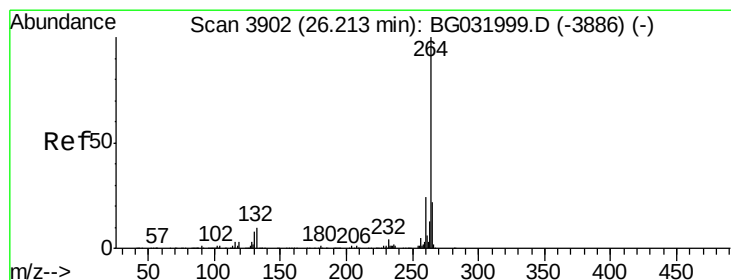
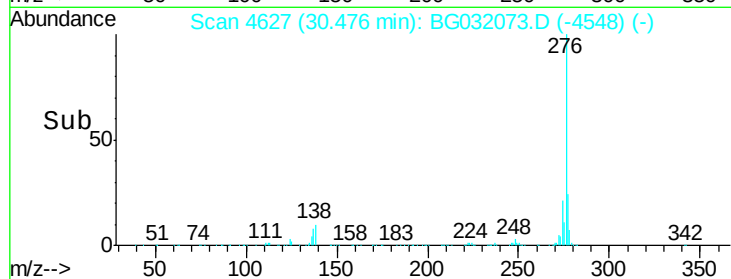
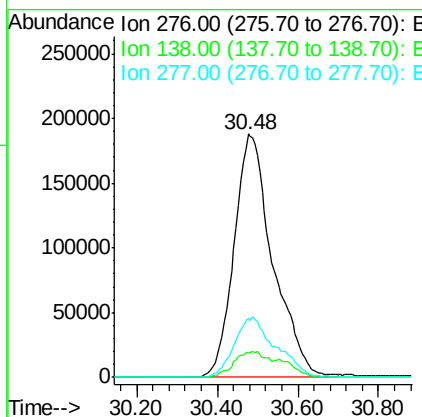
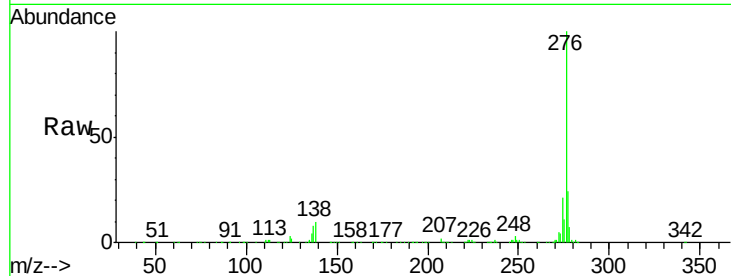
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.405 ng
 RT: 30.48 min Scan# 4627
 Delta R.T. -0.07 min
 Lab File: BG032073.D
 Acq: 16 Jan 2018 17:22

Instrument :
 BNA_G
 ClientSampleId :
 SB-22-3.0-3.5MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	8.9	16.0	24.0#
277	26.3	20.0	30.0

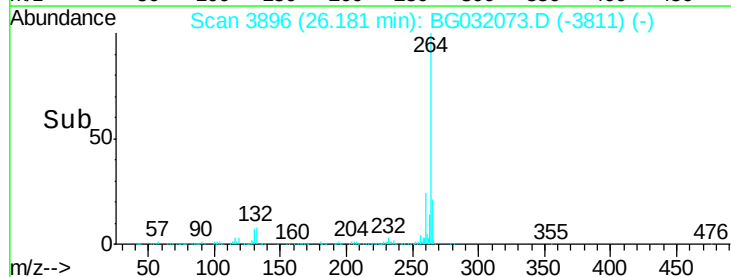
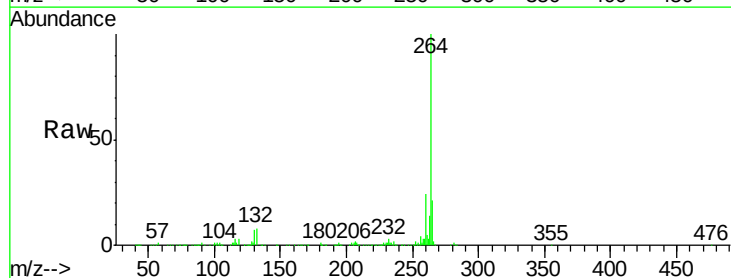
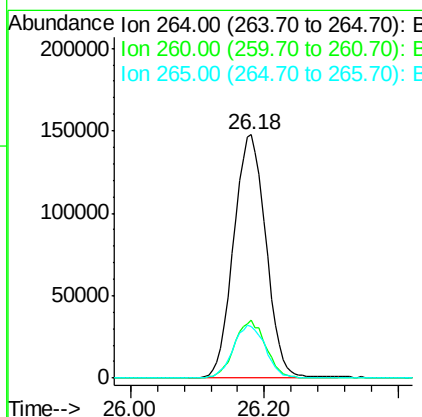
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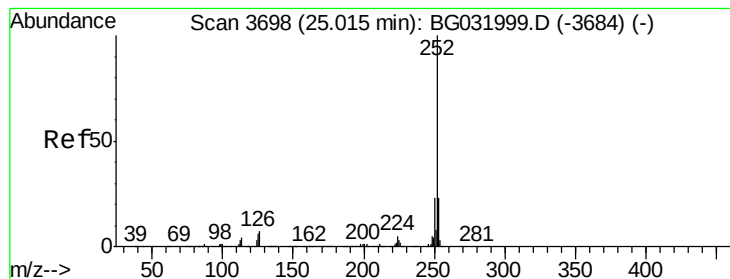
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.18 min Scan# 3896
 Delta R.T. -0.03 min
 Lab File: BG032073.D
 Acq: 16 Jan 2018 17:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	21.3	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 38.033 ng

RT: 24.99 min Scan# 3693

Delta R.T. -0.03 min

Lab File: BG032073.D

Acq: 16 Jan 2018 17:22

Instrument :

BNA_G

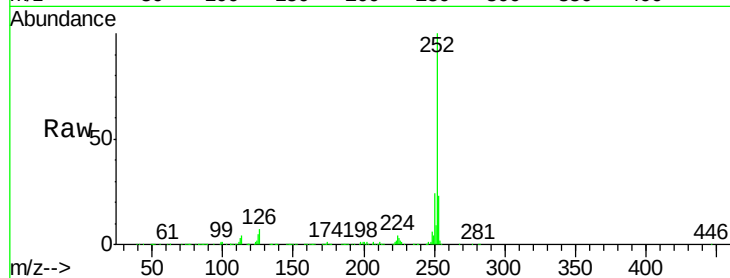
ClientSampleId :

SB-22-3.0-3.5MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.4
125	5.1	7.2	10.8

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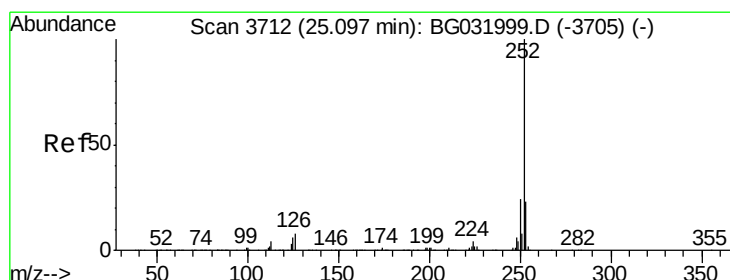
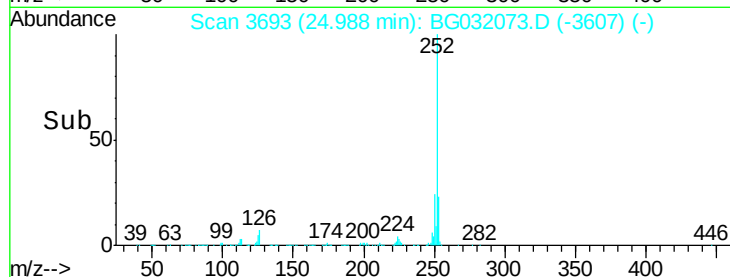
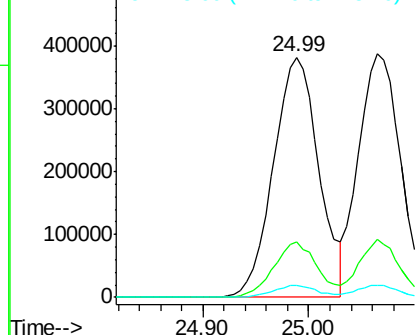


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 36.646 ng

RT: 25.06 min Scan# 3706

Delta R.T. -0.03 min

Lab File: BG032073.D

Acq: 16 Jan 2018 17:22

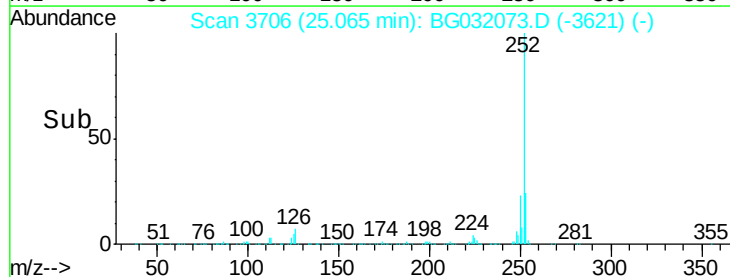
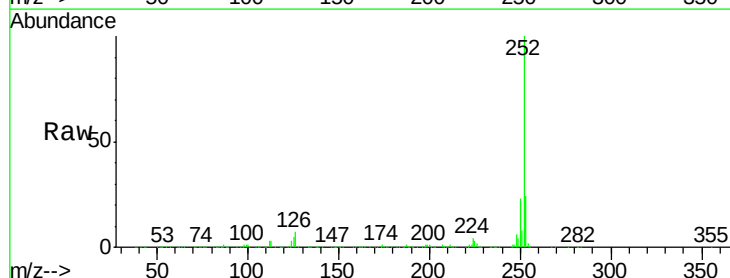
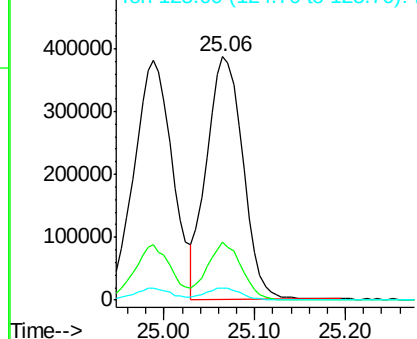
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.4	26.2
125	4.7	6.6	9.8

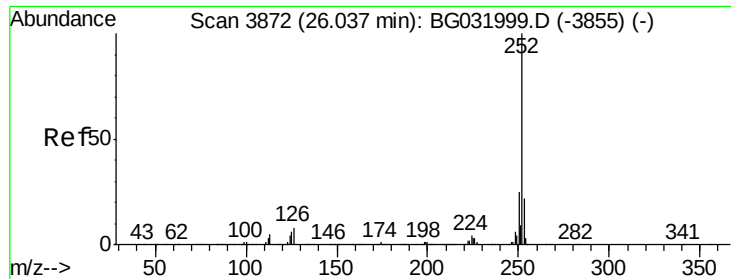
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





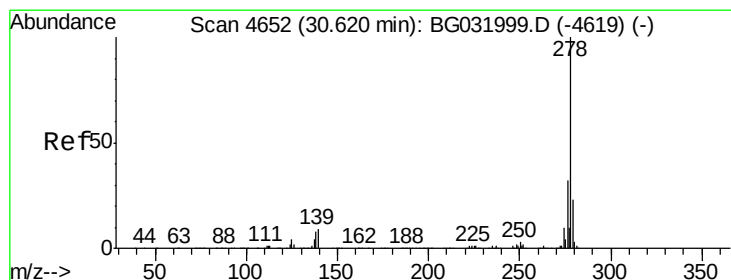
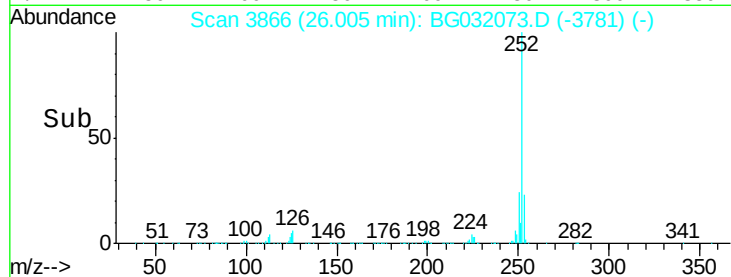
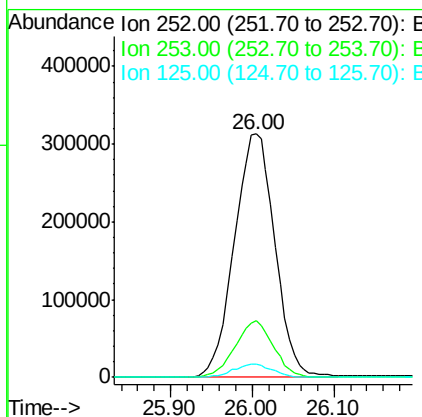
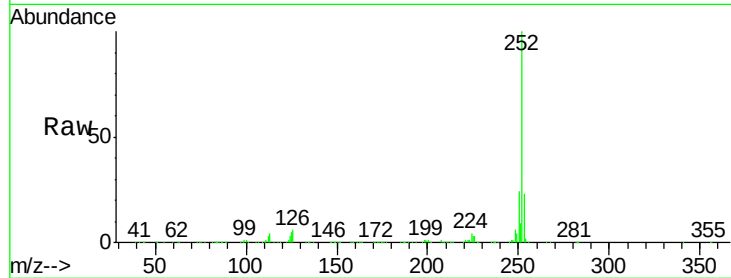
#89
Benzo(a)pyrene
Concen: 37.902 ng
RT: 26.00 min Scan# 3866
Delta R.T. -0.03 min
Lab File: BG032073.D
Acq: 16 Jan 2018 17:22

Instrument :
BNA_G
ClientSampleId :
SB-22-3.0-3.5MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.3	27.5
125	5.2	7.3	10.9

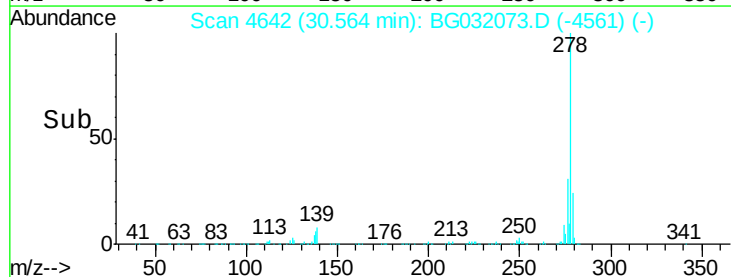
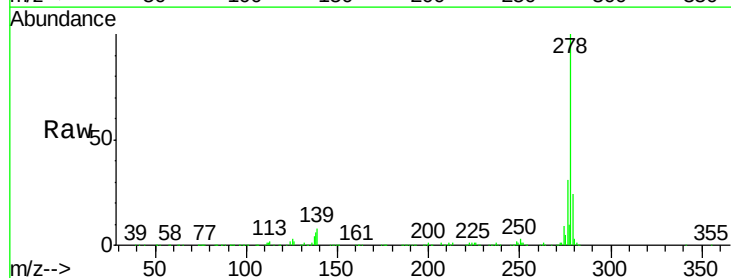
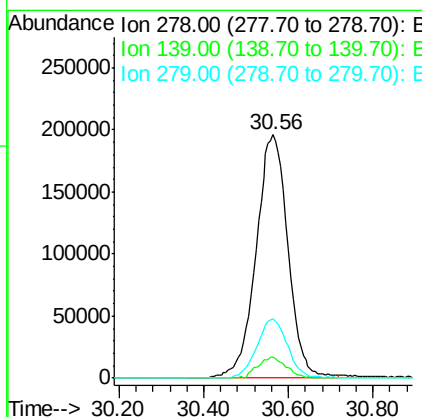
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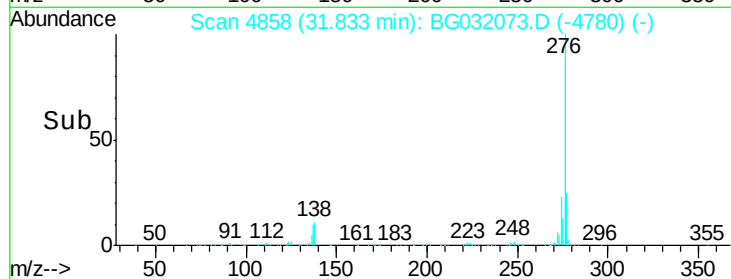
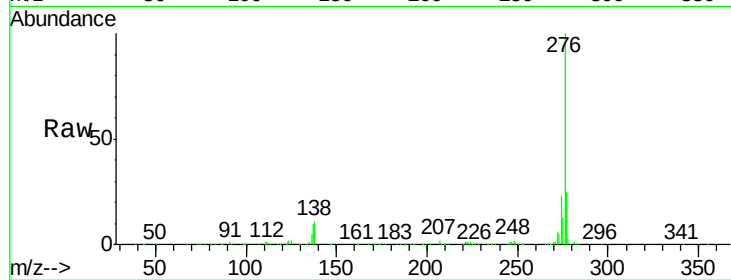
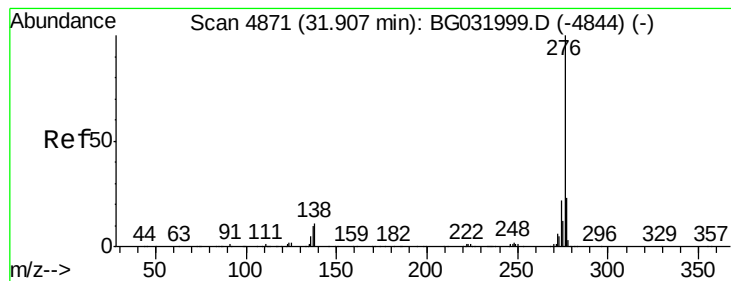
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 37.717 ng
RT: 30.56 min Scan# 4642
Delta R.T. -0.06 min
Lab File: BG032073.D
Acq: 16 Jan 2018 17:22

Tgt Ion	Ratio	Lower	Upper
278	100		
139	8.4	9.8	14.6
279	24.1	18.4	27.6





#91

Benzo(g,h,i)perylene

Concen: 38.445 ng

RT: 31.83 min Scan# 4858

Delta R.T. -0.07 min

Lab File: BG032073.D

Acq: 16 Jan 2018 17:22

Instrument :

BNA_G

ClientSampleId :

SB-22-3.0-3.5MSD

Tgt Ion:276 Resp: 1071807

Ion Ratio Lower Upper

276 100

277 24.6 18.3 27.5

138 10.8 13.9 20.9#

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