

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122717\
 Data File : BG031798.D
 Acq On : 27 Dec 2017 16:07
 Operator : SJ/JU
 Sample : PB105354BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB105354BSD

Manual Integrations
 APPROVED

Sohil
 12/28/2017 2:04:26 PM

Quant Time: Dec 28 07:36:21 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 11:08:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.81	152	46573	20.00	ng	-0.03
21) Naphthalene-d8	11.69	136	198536	20.00	ng	-0.03
38) Acenaphthene-d10	15.43	164	145333	20.00	ng	-0.03
63) Phenanthrene-d10	18.17	188	364892	20.00	ng	-0.04
75) Chrysene-d12	22.52	240	432801	20.00	ng	-0.05
86) Perylene-d12	26.26	264	477145	20.00	ng	-0.10

System Monitoring Compounds

5) 2-Fluorophenol	6.23	112	205032	80.18	ng	-0.02
7) Phenol-d6	7.91	99	264578	79.70	ng	-0.02
23) Nitrobenzene-d5	10.00	82	202567	77.05	ng	-0.03
41) 2,4,6-Tribromophenol	16.91	330	179306	80.86	ng	-0.03
44) 2-Fluorobiphenyl	14.06	172	772608	66.72	ng	-0.03
78) Terphenyl-d14	20.70	244	1362510	71.92	ng	-0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.86	88	27680	29.203	ng	# 72
3) Pyridine	4.32	79	78853	31.122	ng	# 77
4) n-Nitrosodimethylamine	4.23	42	32288	31.581	ng	# 78
6) Aniline	8.09	93	36693	8.591	ng	94
8) 2-Chlorophenol	8.35	128	111696	37.658	ng	82
9) Benzaldehyde	7.90	77	32642m	16.329	ng	
10) Phenol	7.93	94	127061	37.909	ng	93
11) bis(2-Chloroethyl)ether	8.19	93	84541	30.371	ng	# 79
12) 1,3-Dichlorobenzene	8.69	146	120367	32.679	ng	# 95
13) 1,4-Dichlorobenzene	8.84	146	121969	32.416	ng	90
14) 1,2-Dichlorobenzene	9.17	146	115211	32.315	ng	96
15) Benzyl Alcohol	9.03	79	87515	35.116	ng	88
16) 2,2'-oxybis(1-Chloropropan	9.33	45	84086	37.094	ng	78
17) 2-Methylphenol	9.24	107	88541	36.920	ng	96
18) Hexachloroethane	9.93	117	36749	32.248	ng	# 83
19) n-Nitroso-di-n-propylamine	9.62	70	67814	29.910	ng	# 82
20) 3+4-Methylphenols	9.57	107	123354	36.190	ng	96
22) Acetophenone	9.65	105	152944	33.158	ng	# 87
24) Nitrobenzene	10.05	77	98049	36.184	ng	# 85
25) Isophorone	10.57	82	188879	33.371	ng	# 88
26) 2-Nitrophenol	10.77	139	59618	41.962	ng	# 81
27) 2,4-Dimethylphenol	10.81	122	111764	37.383	ng	88
28) bis(2-Chloroethoxy)methane	11.05	93	123615	32.550	ng	# 95
29) 2,4-Dichlorophenol	11.31	162	137362	39.137	ng	89
30) 1,2,4-Trichlorobenzene	11.54	180	137551	32.097	ng	98
31) Naphthalene	11.74	128	334328	33.367	ng	98
32) Benzoic acid	10.89	122	55510m	30.124	ng	
33) 4-Chloroaniline	11.83	127	42536	9.535	ng	# 88
34) Hexachlorobutadiene	12.01	225	93343	31.727	ng	98
35) Caprolactam	12.58	113	43412	40.806	ng	# 46
36) 4-Chloro-3-methylphenol	12.90	107	124176	38.308	ng	# 81
37) 2-Methylnaphthalene	13.30	142	280373	34.518	ng	92
39) 1,2,4,5-Tetrachlorobenzene	13.65	216	196521	32.103	ng	# 97
40) Hexachlorocyclopentadiene	13.63	237	224805	69.613	ng	91

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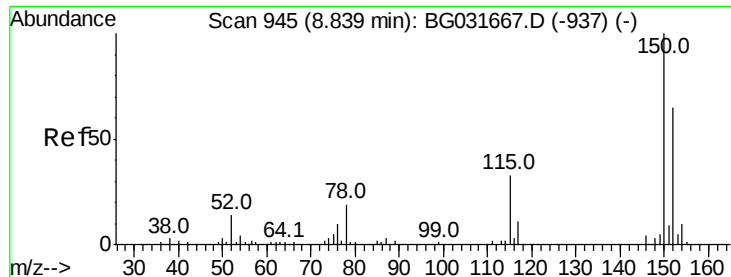
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Quant Time: Dec 28 07:36:21 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.88	196	125419	35.535	nq	96
43) 2,4,5-Trichlorophenol	13.95	196	138452	35.398	nq #	89
45) 1,1'-Biphenyl	14.28	154	406368	32.738	nq	97
46) 2-Chloronaphthalene	14.33	162	309093	32.646	nq	95
47) 2-Nitroaniline	14.51	65	65425	40.010	nq #	70
48) Acenaphthylene	15.16	152	470973	31.093	nq	99
49) Dimethylphthalate	14.86	163	413253	32.277	nq #	98
50) 2,6-Dinitrotoluene	14.99	165	90106	38.257	nq #	69
51) Acenaphthene	15.50	154	315442	31.798	nq	98
52) 3-Nitroaniline	15.32	138	44551	19.388	nq #	69
53) 2,4-Dinitrophenol	15.52	184	39901	43.706	nq #	1
54) Dibenzofuran	15.83	168	504433	33.172	nq	97
55) 4-Nitrophenol	15.60	139	134694	72.018	nq #	71
56) 2,4-Dinitrotoluene	15.77	165	128703	42.496	nq #	61
57) Fluorene	16.47	166	404093	32.711	nq	97
58) 2,3,4,6-Tetrachlorophenol	16.04	232	145966	38.250	nq #	85
59) Diethylphthalate	16.21	149	398408	31.926	nq	95
60) 4-Chlorophenyl-phenylether	16.45	204	241728	31.981	nq	91
61) 4-Nitroaniline	16.47	138	78104	34.830	nq	81
62) Azobenzene	16.74	77	258873	32.347	nq	82
64) 4,6-Dinitro-2-methylphenol	16.53	198	43191	28.427	nq #	65
65) n-Nitrosodiphenylamine	16.66	169	380972	31.436	nq	98
66) 4-Bromophenyl-phenylether	17.34	248	177077	33.559	nq	95
67) Hexachlorobenzene	17.47	284	186236	34.526	nq #	88
68) Atrazine	17.58	200	168259	35.706	nq	99
69) Pentachlorophenol	17.80	266	216280	58.295	nq	99
70) Phenanthrene	18.21	178	695148	33.663	nq	100
71) Anthracene	18.30	178	714512	34.301	nq	99
72) Carbazole	18.56	167	625768	33.941	nq	99
73) Di-n-butylphthalate	19.07	149	691033	33.726	nq	99
74) Fluoranthene	20.17	202	894023	35.284	nq	96
76) Benzidine	20.33	184	130861	9.796	nq	99
77) Pyrene	20.53	202	903409	32.678	nq	98
79) Butylbenzylphthalate	21.40	149	313090	33.736	nq #	73
80) Benzo(a)anthracene	22.50	228	923793	33.555	nq	99
81) 3,3'-Dichlorobenzidine	22.38	252	178559	16.728	nq #	97
82) Chrysene	22.57	228	872998	33.514	nq	97
83) Bis(2-ethylhexyl)phthalate	22.34	149	445917	33.164	nq #	98
84) Di-n-octyl phthalate	23.75	149	779249	34.412	nq #	87
85) Indeno(1,2,3-cd)pyrene	30.62	276	1193014	35.699	nq #	86
87) Benzo(b)fluoranthene	25.06	252	1010444	34.116	nq #	96
88) Benzo(k)fluoranthene	25.15	252	965077	32.559	nq #	96
89) Benzo(a)pyrene	26.09	252	968772	34.152	nq #	97
90) Dibenzo(a,h)anthracene	30.71	278	993038	33.896	nq #	97
91) Benzo(g,h,i)perylene	30.62	276	1193014	34.491	nq #	93

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



#1

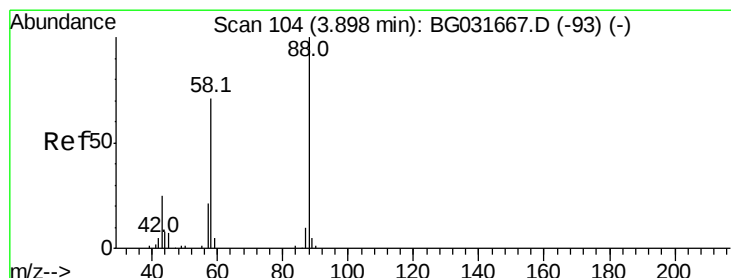
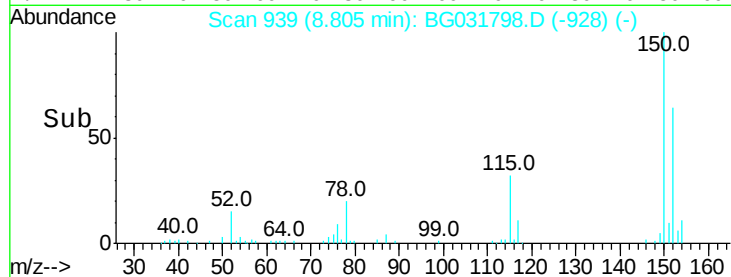
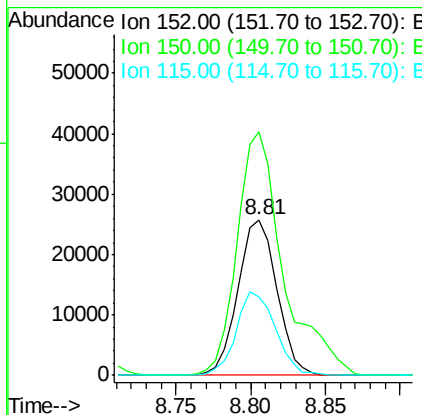
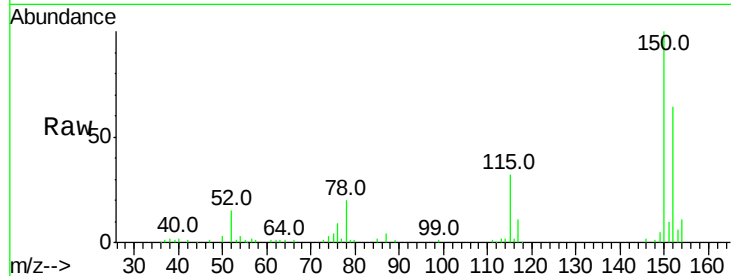
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.81 min Scan# 939
Delta R.T. -0.03 min
Lab File: BG031798.D
Acq: 27 Dec 2017 16:07

Instrument :
BNA_G
ClientSampleId :
PB105354BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	126.6	189.8
115	50.8	53.0	79.4

Manual Integrations
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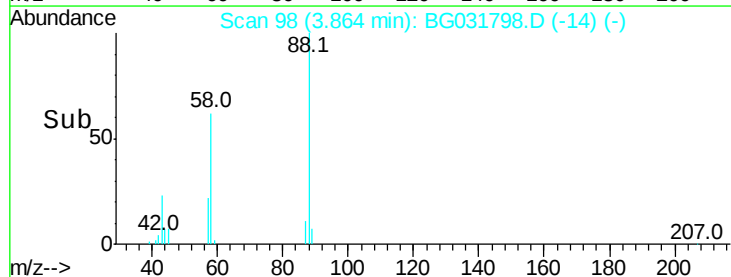
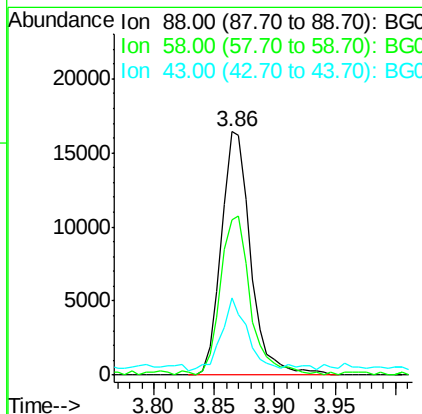
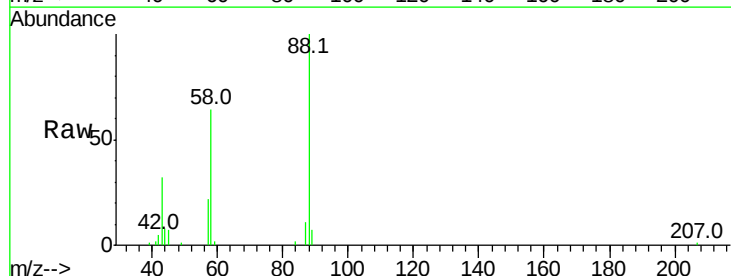
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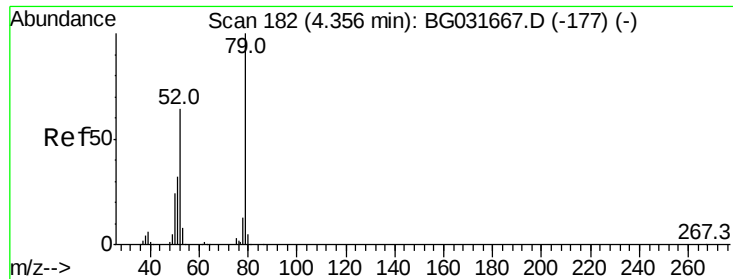


#2

1,4-Dioxane
Concen: 29.203 ng
RT: 3.86 min Scan# 98
Delta R.T. -0.03 min
Lab File: BG031798.D
Acq: 27 Dec 2017 16:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.9	79.6	119.4
43	26.2	27.4	41.0





#3

Pvridine

Concen: 31.122 ng

RT: 4.32 min Scan# 176

Delta R.T. -0.03 min

Lab File: BG031798.D

Acq: 27 Dec 2017 16:07

Instrument :

BNA_G

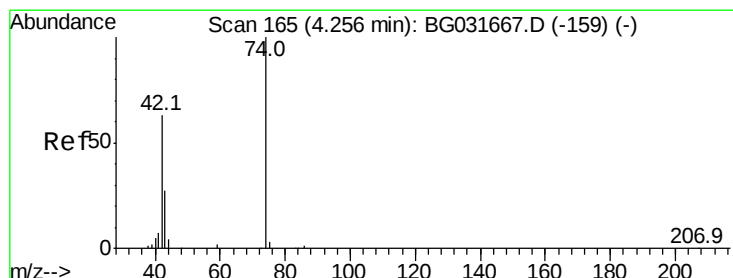
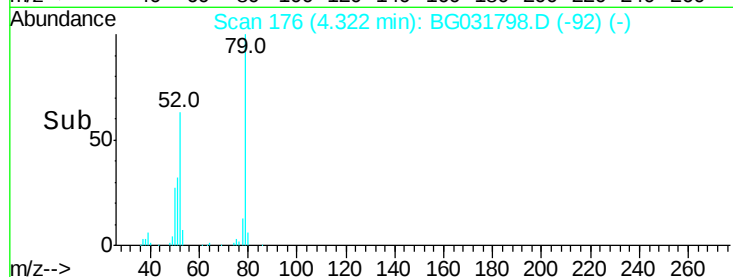
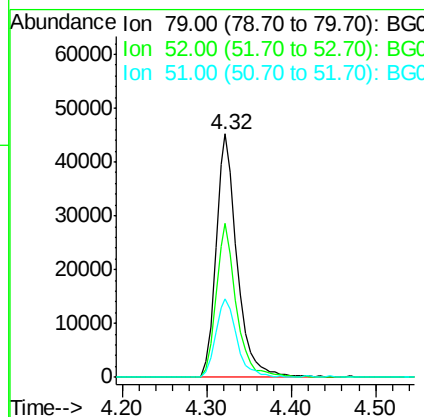
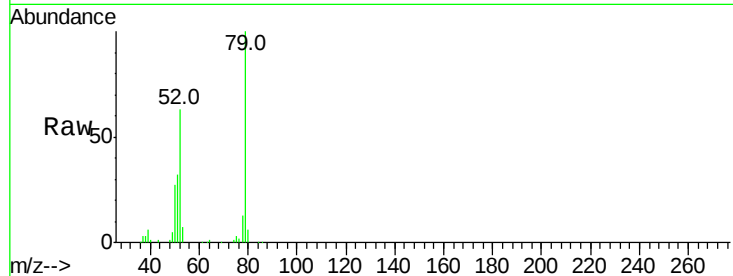
ClientSampleId :

PB105354BSD

Tot Ion:	79	Resp:	78853
Ion Ratio	Lower	Upper	
79	100		
52	63.2	69.9	104.9#
51	32.1	34.0	51.0#

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#4

n-Nitrosodimethylamine

Concen: 31.581 ng

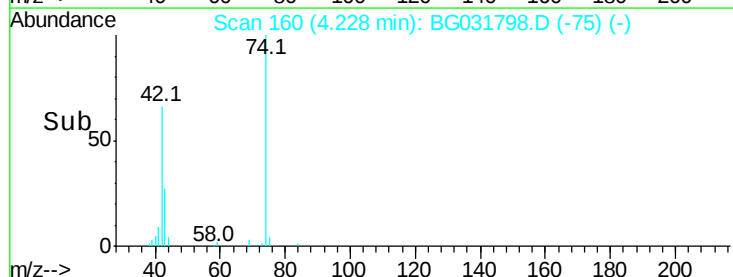
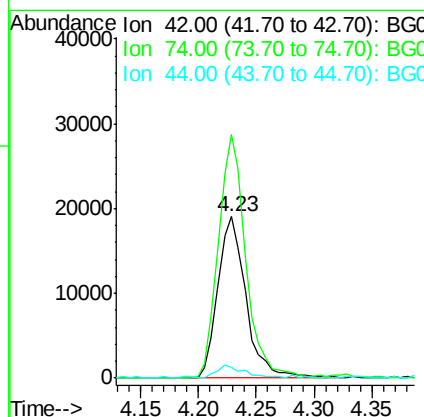
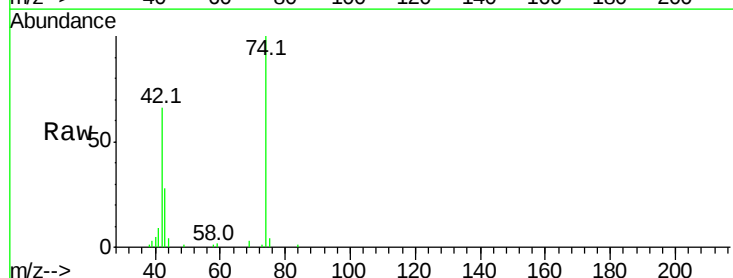
RT: 4.23 min Scan# 160

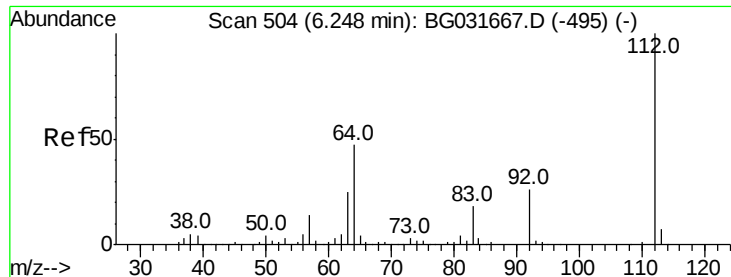
Delta R.T. -0.03 min

Lab File: BG031798.D

Acq: 27 Dec 2017 16:07

Tgt Ion:	42	Resp:	32288
Ion Ratio	Lower	Upper	
42	100		
74	151.0	102.5	153.7
44	6.5	18.9	28.3#





#5

2-Fluorophenol

Concen: 80.184 ng

RT: 6.23 min Scan# 500

Delta R.T. -0.02 min

Lab File: BG031798.D

Acq: 27 Dec 2017 16:07

Instrument :

BNA_G

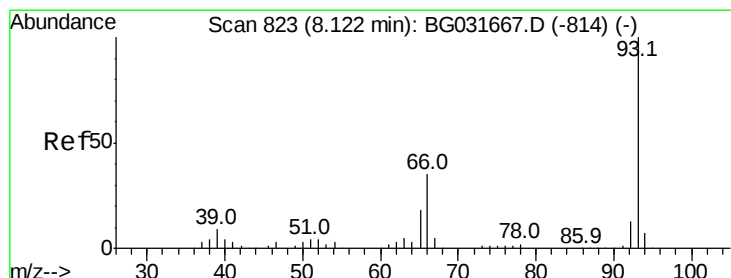
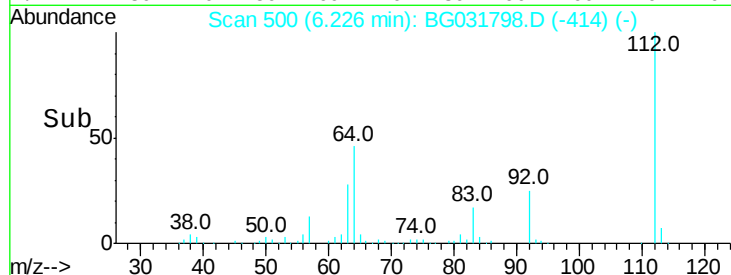
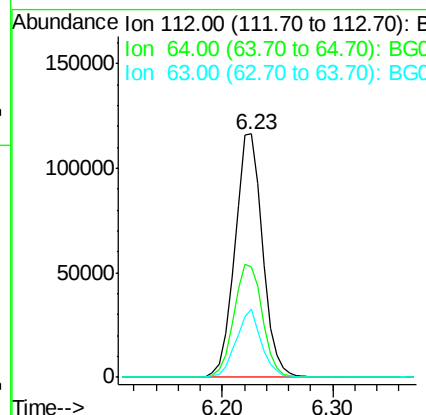
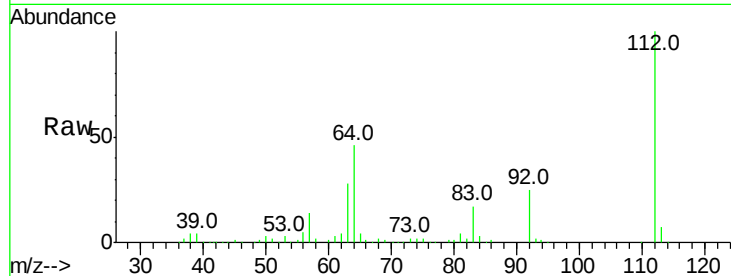
ClientSampleId :

PB105354BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		205032		
64	45.6	56.3	84.5#		
63	28.2	30.1	45.1#		

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#6

Aniline

Concen: 8.591 ng

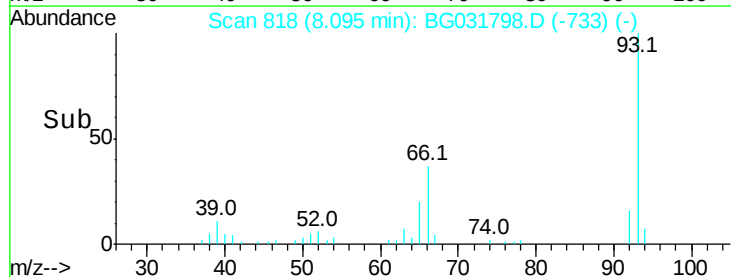
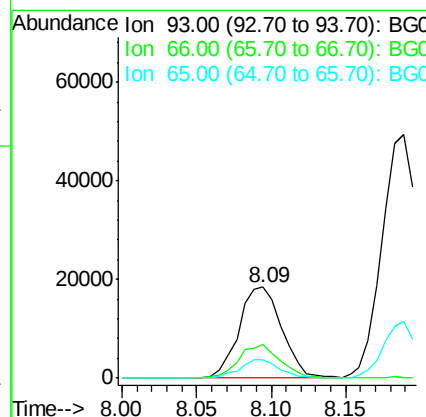
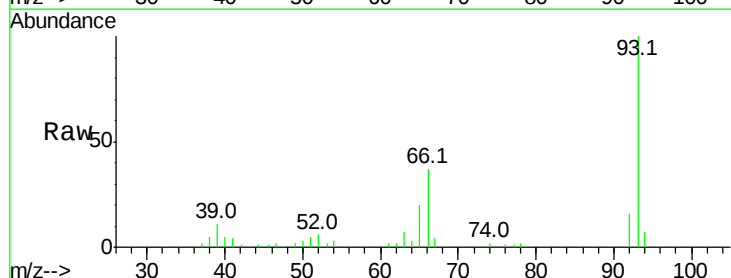
RT: 8.09 min Scan# 818

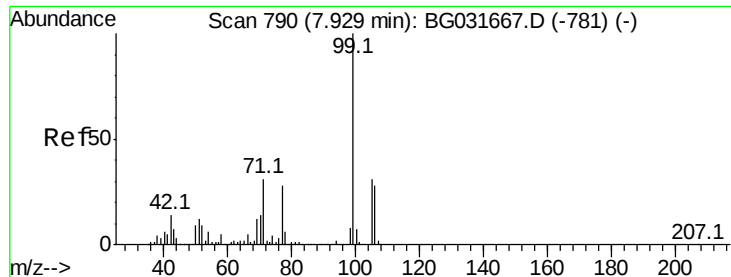
Delta R.T. -0.03 min

Lab File: BG031798.D

Acq: 27 Dec 2017 16:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		36693		
66	36.6	33.7	50.5		
65	19.5	16.1	24.1		





#7

Phenol-d6

Concen: 79.696 ng

RT: 7.91 min Scan# 786

Delta R.T. -0.02 min

Lab File: BG031798.D

Acq: 27 Dec 2017 16:07

Instrument :

BNA_G

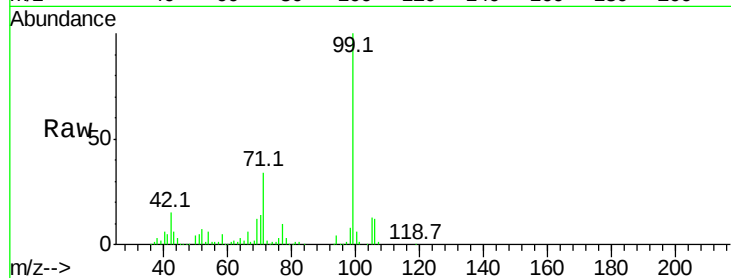
ClientSampleId :

PB105354BSD

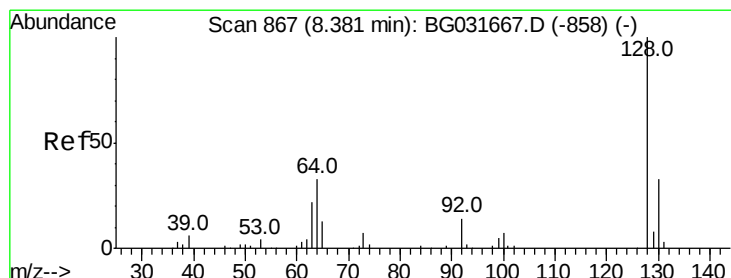
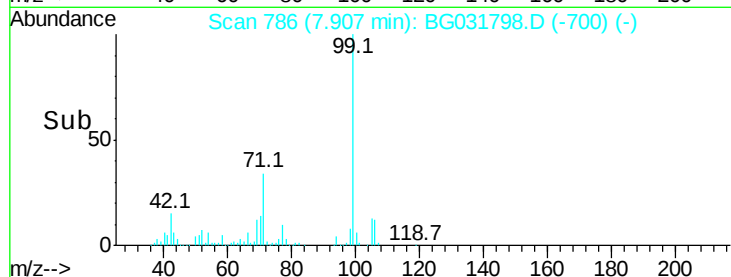
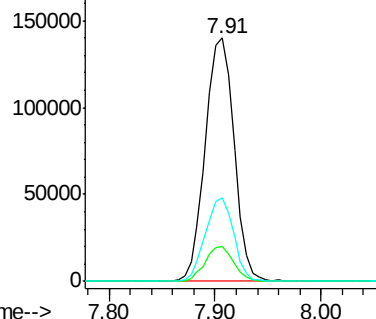
Tot Ion:	99	Resp:	264578
Ion Ratio	Lower	Upper	
99	100		
42	14.6	14.1	21.1
71	34.2	26.1	39.1

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



#8

2-Chlorophenol

Concen: 37.658 ng

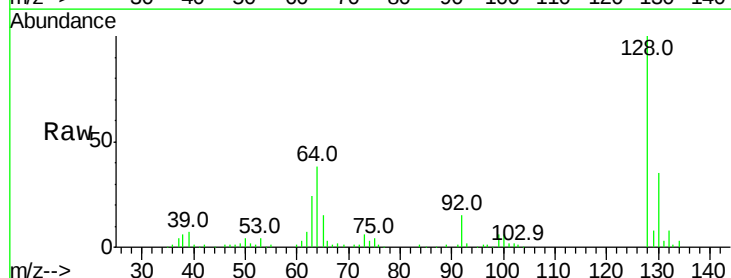
RT: 8.35 min Scan# 861

Delta R.T. -0.03 min

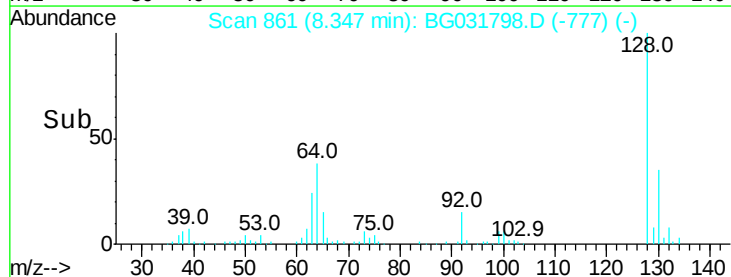
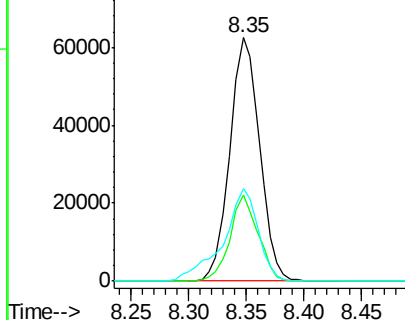
Lab File: BG031798.D

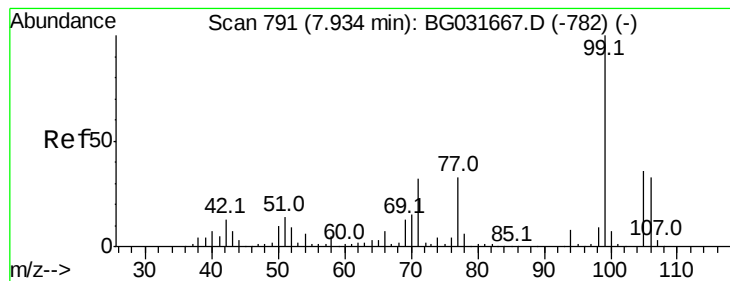
Acq: 27 Dec 2017 16:07

Tgt Ion:	128	Resp:	111696
Ion Ratio	Lower	Upper	
128	100		
130	35.2	14.0	54.0
64	37.9	37.7	77.7



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





#9

Benzaldehyde

Concen: 16.329 ng/mL

RT: 7.90 min Scan# 785

Delta R.T. -0.03 min

Lab File: BG031798.D

Acq: 27 Dec 2017 16:07

Instrument :

BNA_G

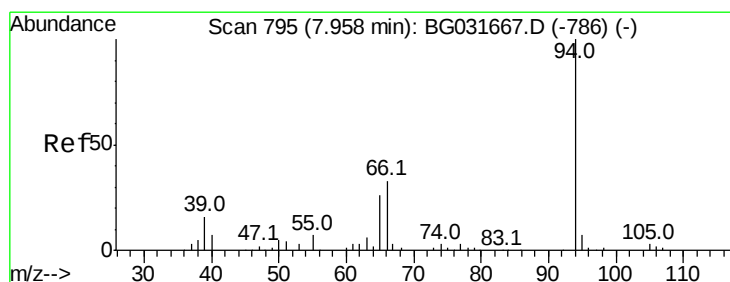
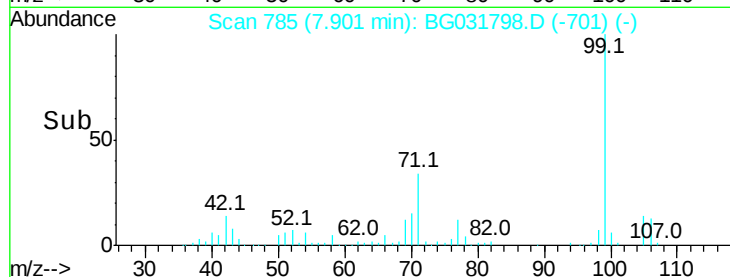
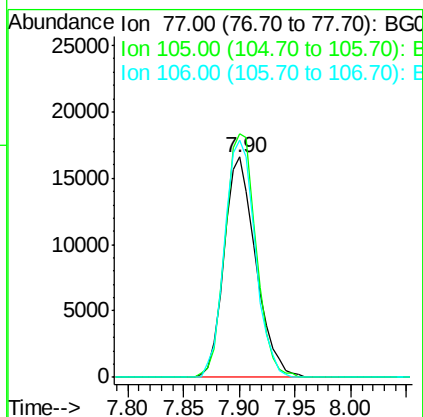
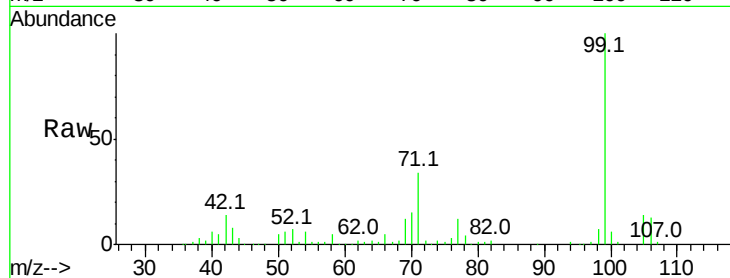
ClientSampleID :

PB105354BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	110.5	71.3	111.3
106	107.9	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 37.909 ng/mL

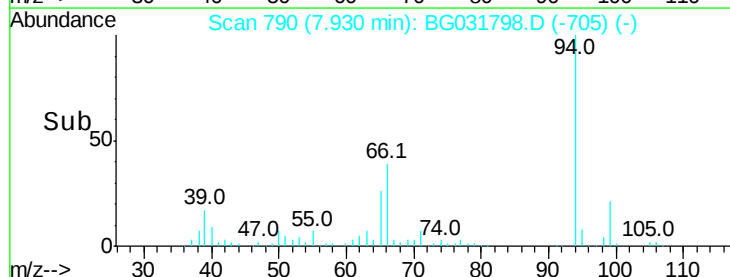
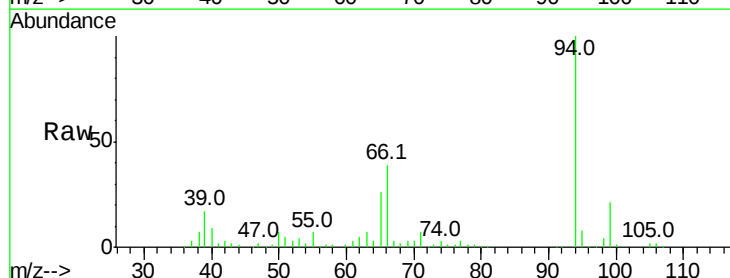
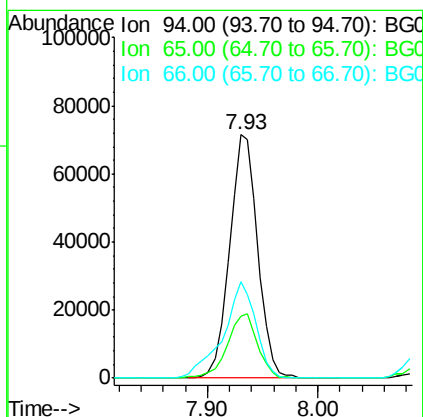
RT: 7.93 min Scan# 790

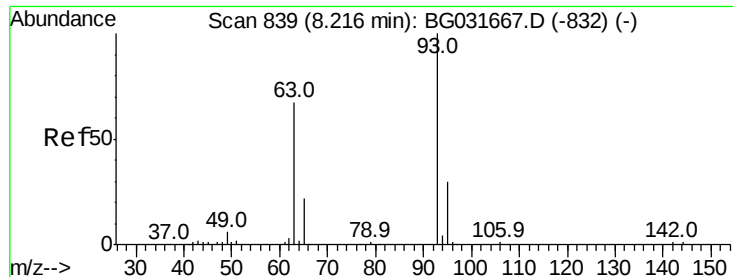
Delta R.T. -0.03 min

Lab File: BG031798.D

Acq: 27 Dec 2017 16:07

Tgt Ion	Ratio	Lower	Upper
94	100		
65	25.6	11.9	51.9
66	39.4	22.2	62.2





#11

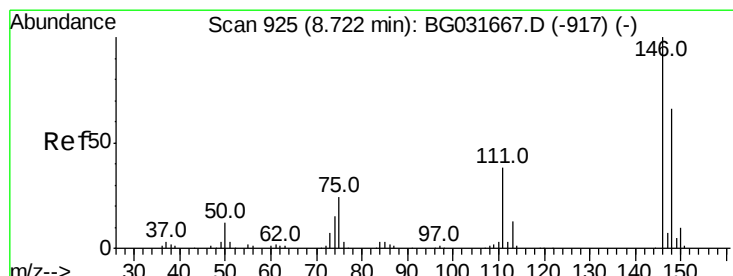
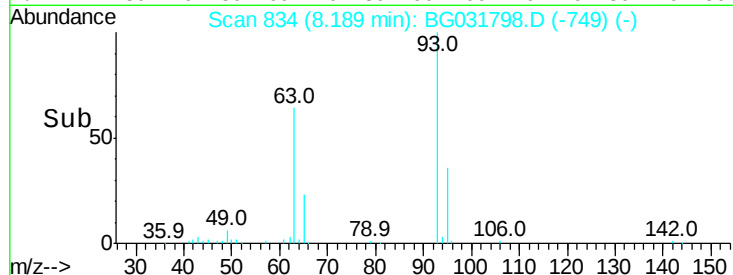
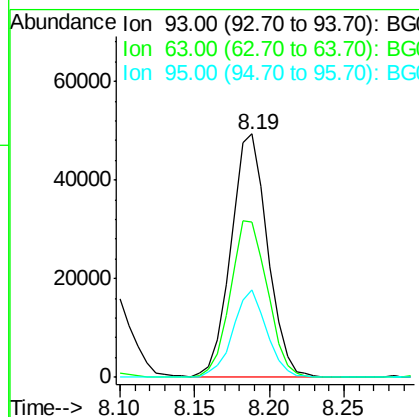
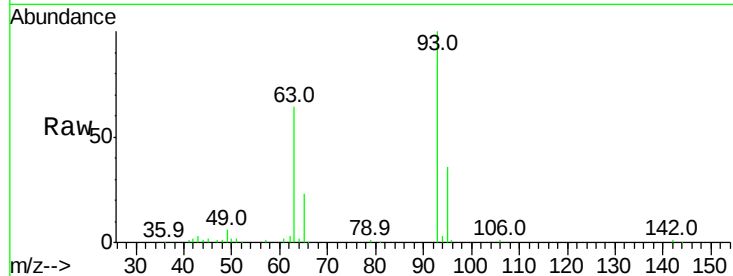
bis(2-Chloroethyl)ether
Concen: 30.371 ng
RT: 8.19 min Scan# 834
Delta R.T. -0.03 min
Lab File: BG031798.D
Acq: 27 Dec 2017 16:07

Instrument :
BNA_G
ClientSampleId :
PB105354BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	63.6	67.1	107.1#
95	36.0	11.5	51.5

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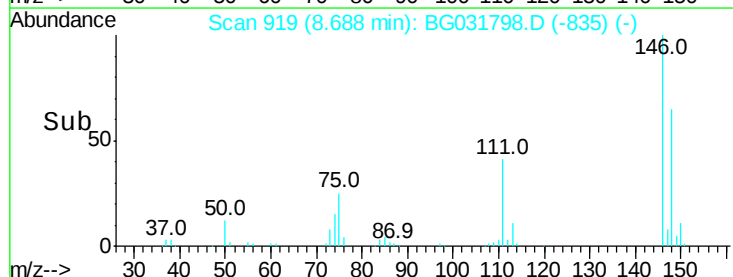
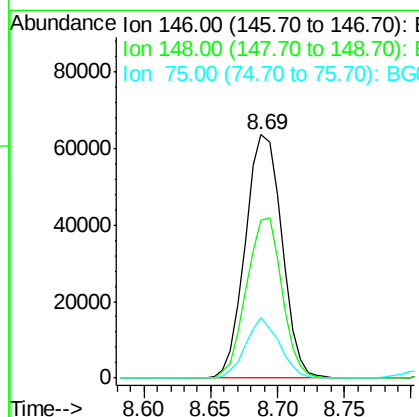
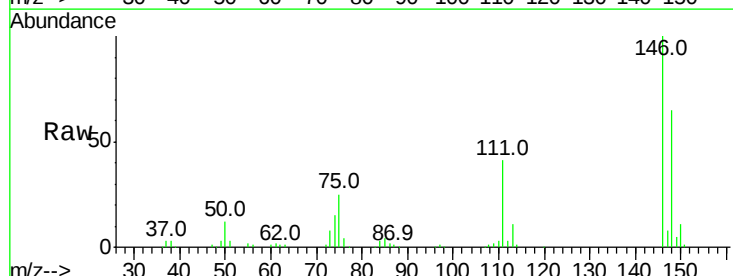
Sohil
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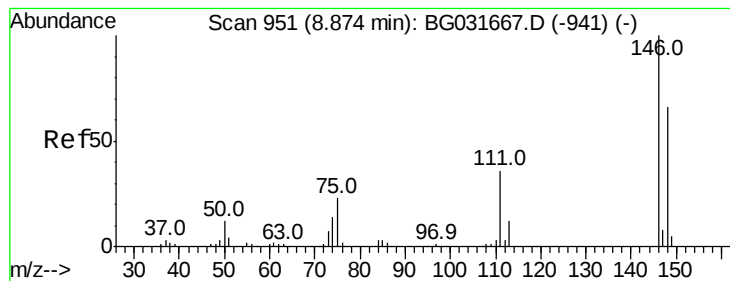


#12

1,3-Dichlorobenzene
Concen: 32.679 ng
RT: 8.69 min Scan# 919
Delta R.T. -0.03 min
Lab File: BG031798.D
Acq: 27 Dec 2017 16:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.4	77.2
75	24.6	26.6	39.8#





#13

1,4-Dichlorobenzene

Concen: 32.416 ng

RT: 8.84 min Scan# 945

Delta R.T. -0.03 min

Lab File: BG031798.D

Acq: 27 Dec 2017 16:07

Instrument :

BNA_G

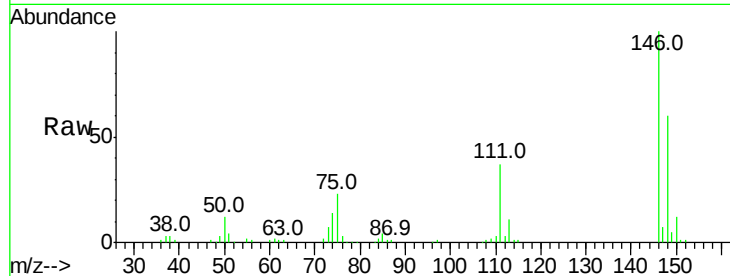
ClientSampleId :

PB105354BSD

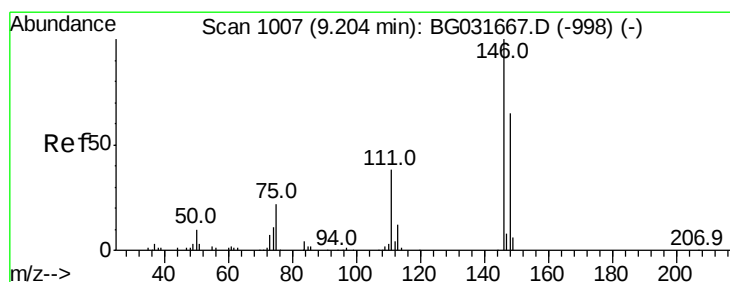
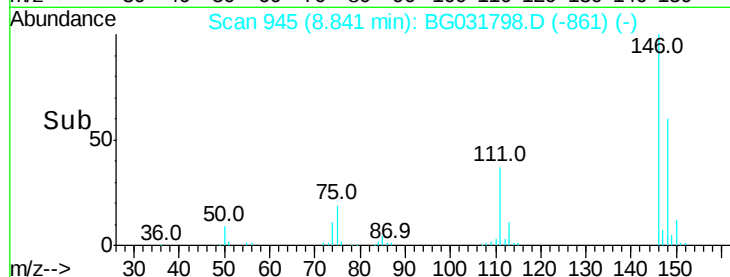
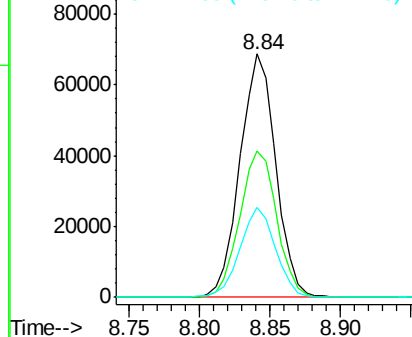
Tot Ion:	146	Resp:	121969
Ion Ratio	Lower	Upper	
146	100		
148	60.3	53.7	80.5
111	36.8	35.2	52.8

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 32.315 ng

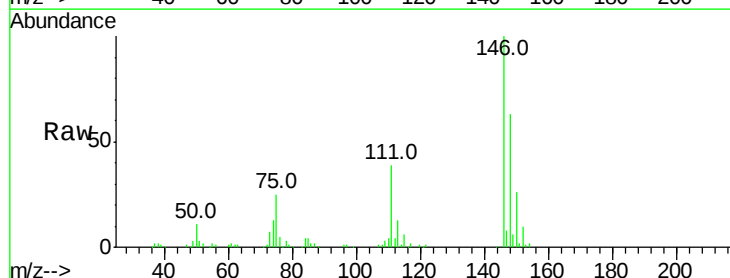
RT: 9.17 min Scan# 1001

Delta R.T. -0.03 min

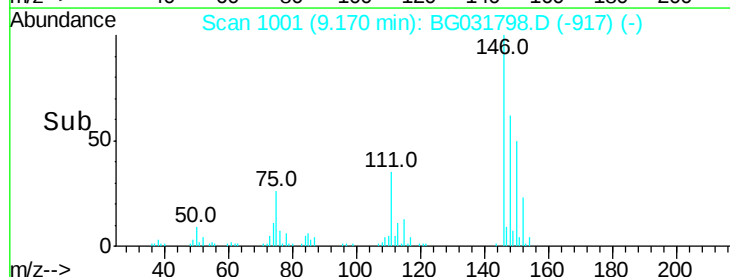
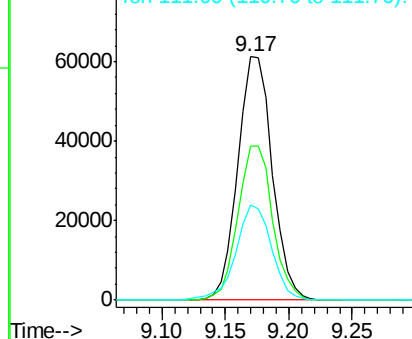
Lab File: BG031798.D

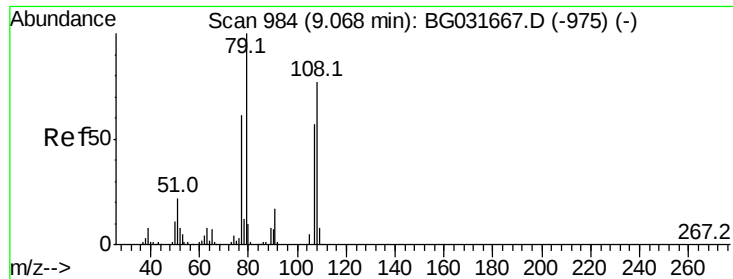
Acq: 27 Dec 2017 16:07

Tgt Ion:	146	Resp:	115211
Ion Ratio	Lower	Upper	
146	100		
148	63.2	49.3	73.9
111	39.0	34.3	51.5



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.116 ng

RT: 9.03 min Scan# 978

Delta R.T. -0.03 min

Lab File: BG031798.D

Acq: 27 Dec 2017 16:07

Instrument :

BNA_G

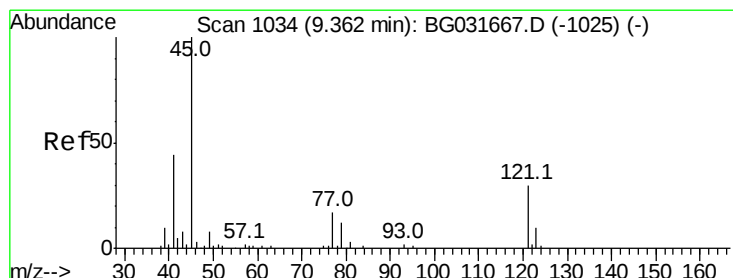
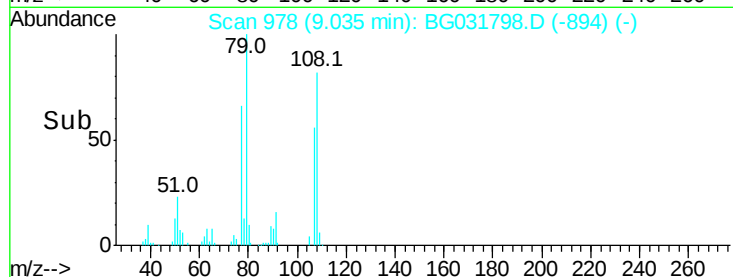
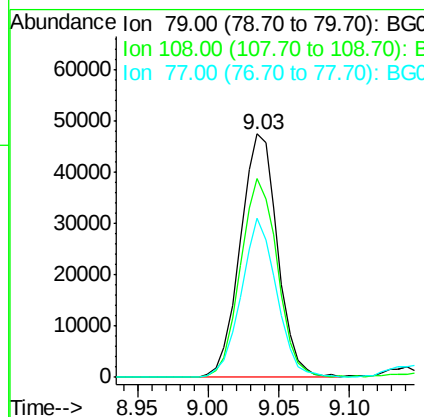
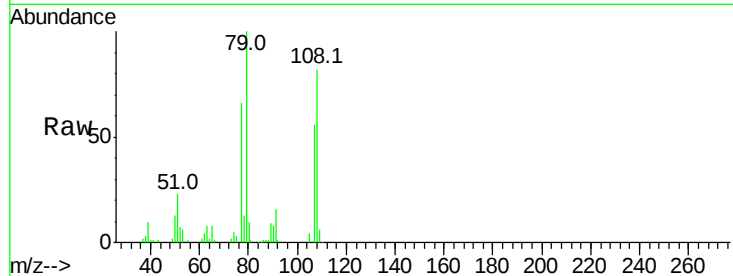
ClientSampleId :

PB105354BSD

Tot Ion:	79	Resp:	87515
Ion Ratio	Lower	Upper	
79	100		
108	81.8	57.2	85.8
77	65.6	46.1	69.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.094 ng

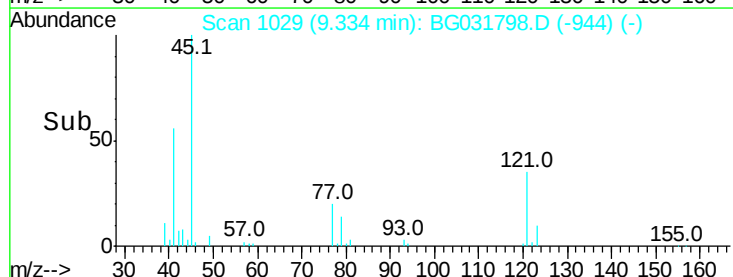
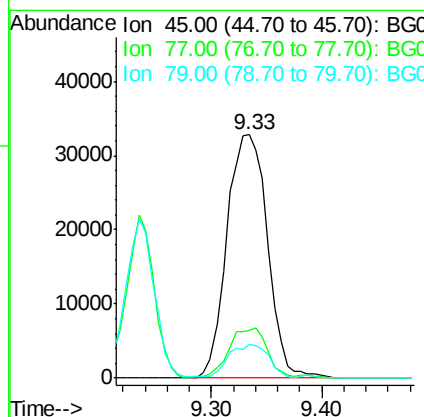
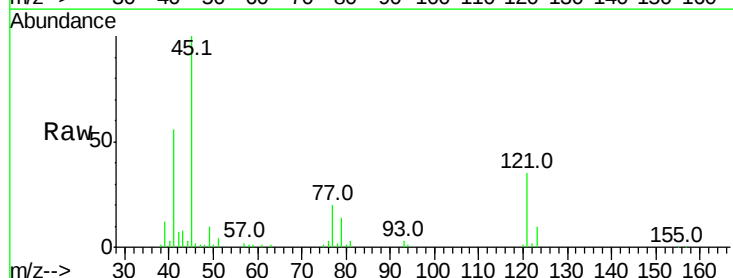
RT: 9.33 min Scan# 1029

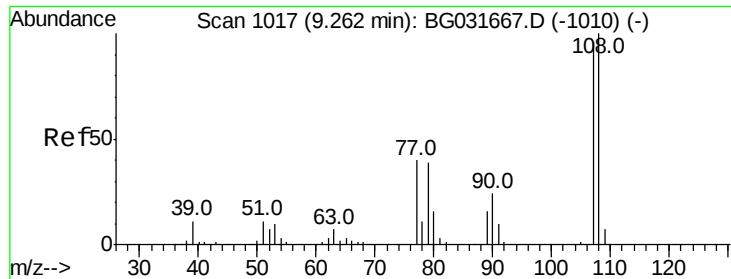
Delta R.T. -0.03 min

Lab File: BG031798.D

Acq: 27 Dec 2017 16:07

Tgt Ion:	45	Resp:	84086
Ion Ratio	Lower	Upper	
45	100		
77	19.9	0.0	30.2
79	14.1	0.0	27.9





#17

2-Methylphenol

Concen: 36.920 ng

RT: 9.24 min Scan# 1013

Delta R.T. -0.02 min

Lab File: BG031798.D

Acq: 27 Dec 2017 16:07

Instrument :

BNA_G

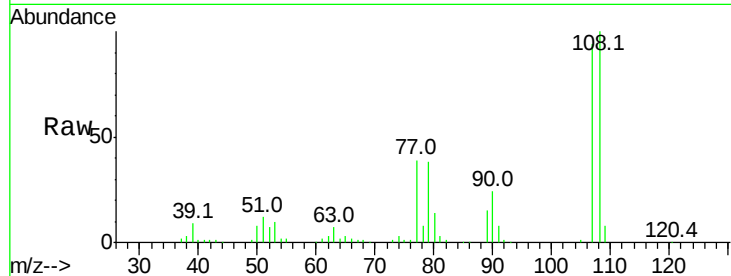
ClientSampleId :

PB105354BSD

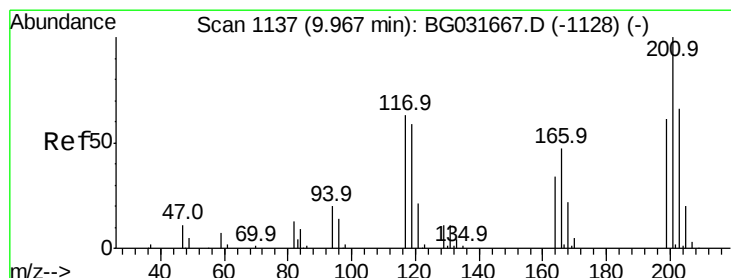
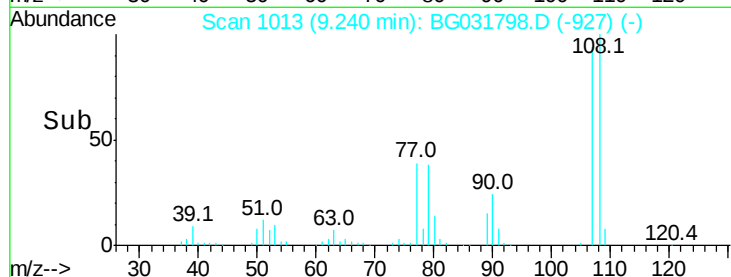
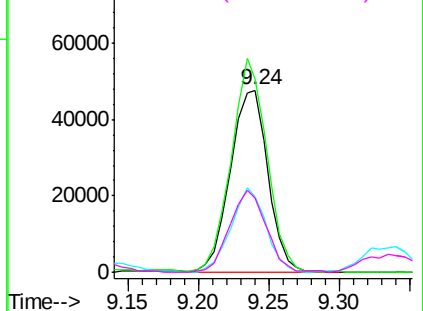
Tot Ion:	107	Resp:	88541
Ion	Ratio	Lower	Upper
107	100		
108	106.4	83.9	125.9
77	41.7	37.2	55.8
79	40.9	36.2	54.2

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



#18

Hexachloroethane

Concen: 32.248 ng

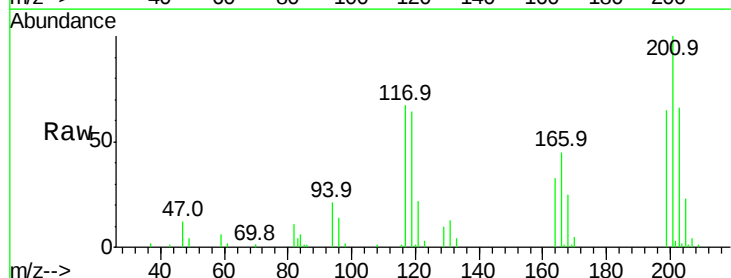
RT: 9.93 min Scan# 1131

Delta R.T. -0.03 min

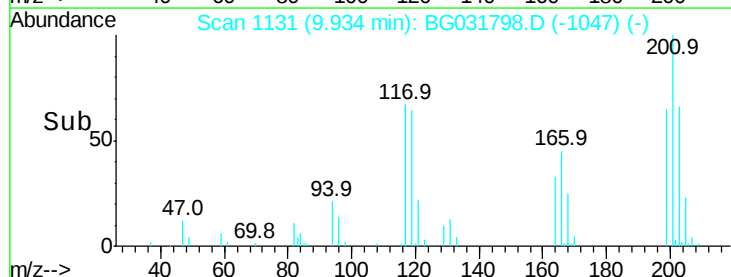
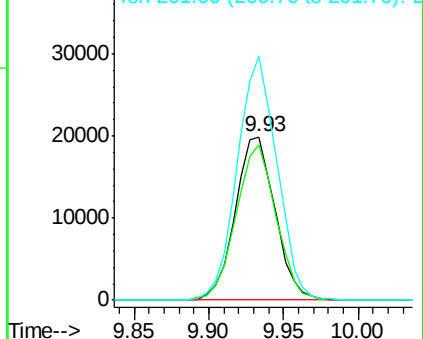
Lab File: BG031798.D

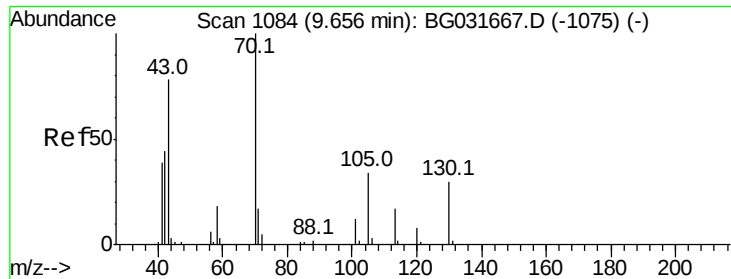
Acq: 27 Dec 2017 16:07

Tgt Ion:	117	Resp:	36749
Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.7	115.1
201	153.3	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





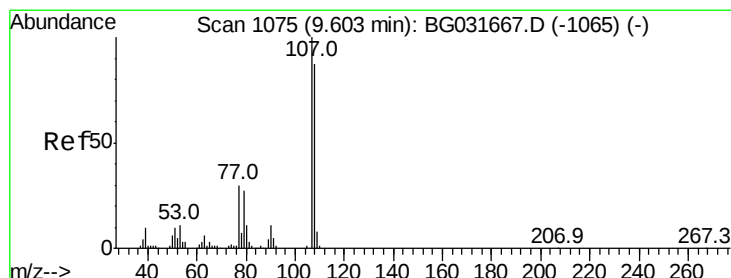
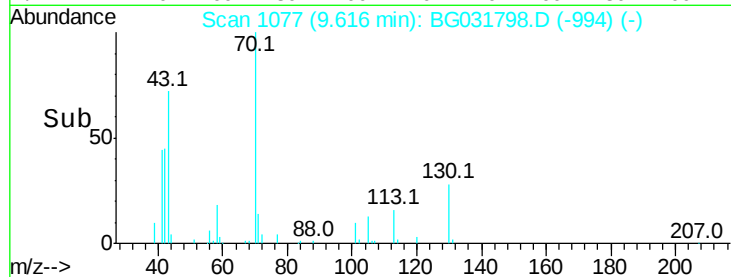
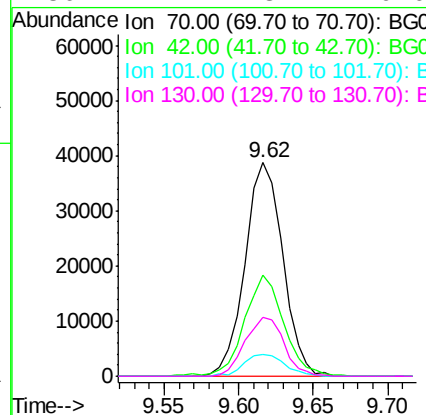
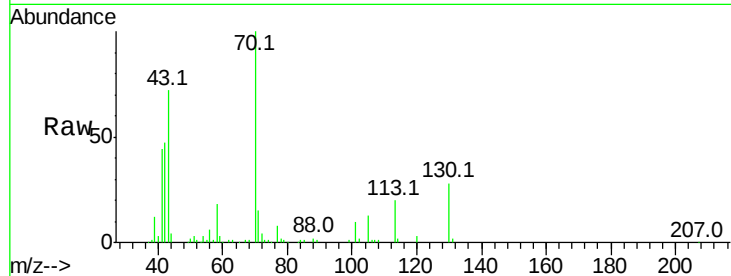
#19
n-Nitroso-di-n-propylamine
Concen: 29.910 ng
RT: 9.62 min Scan# 1077
Delta R.T. -0.04 min
Lab File: BG031798.D
Acq: 27 Dec 2017 16:07

Instrument :
BNA_G
ClientSampleId :
PB105354BSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	47.3	49.1	73.7#	
101	10.0	8.5	12.7	
130	27.7	13.4	20.0#	

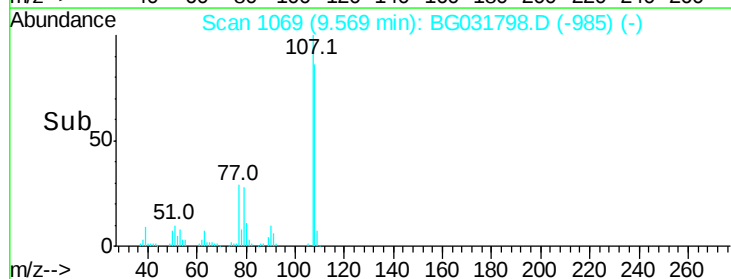
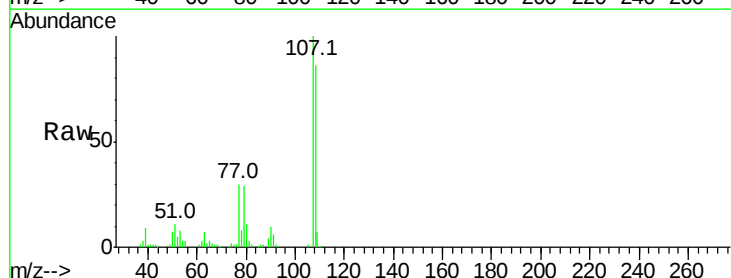
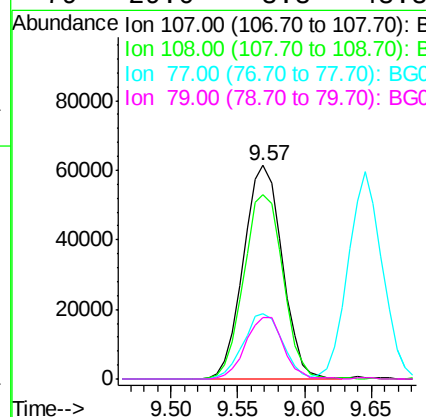
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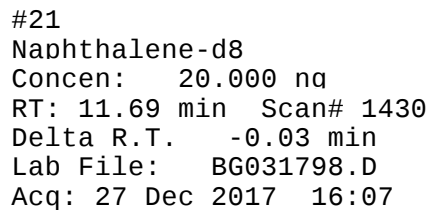
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#20
3+4-Methylphenols
Concen: 36.190 ng
RT: 9.57 min Scan# 1069
Delta R.T. -0.03 min
Lab File: BG031798.D
Acq: 27 Dec 2017 16:07

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.3	61.6	101.6	
77	30.4	13.9	53.9	
79	29.0	8.8	48.8	

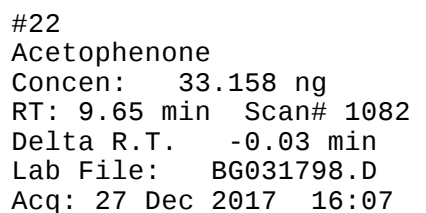
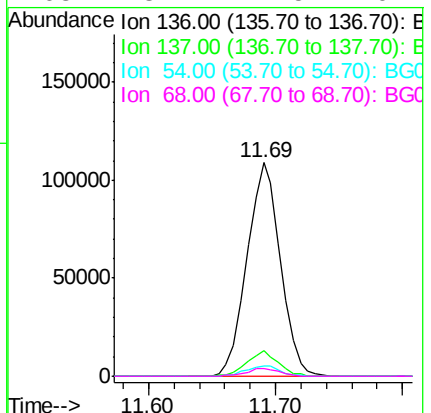
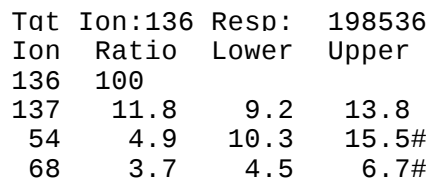




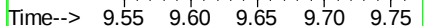
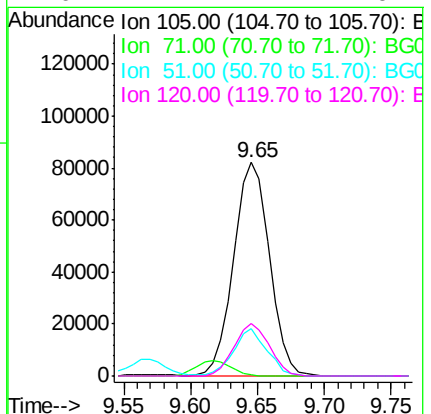
Instrument :
BNA_G
ClientSampleId :
PB105354BSD

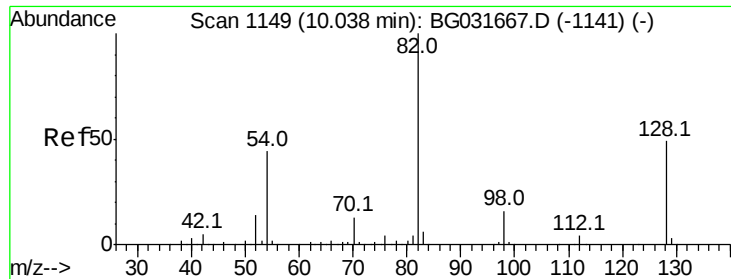
Manual Integrations

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Tgt	Ion:105	Resp:	152944
Ion	Ratio	Lower	Upper
105	100		
71	0.7	3.0	4.4#
51	22.0	26.1	39.1#
120	24.7	17.4	26.2





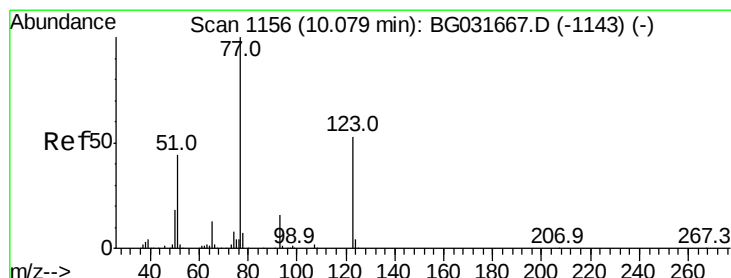
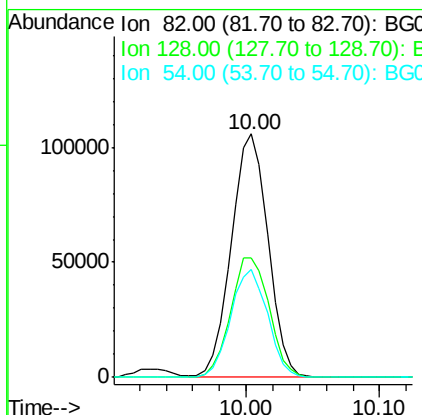
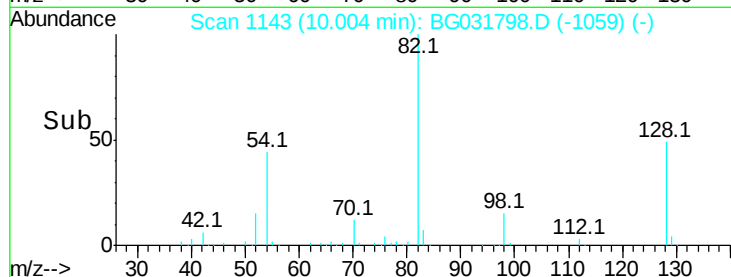
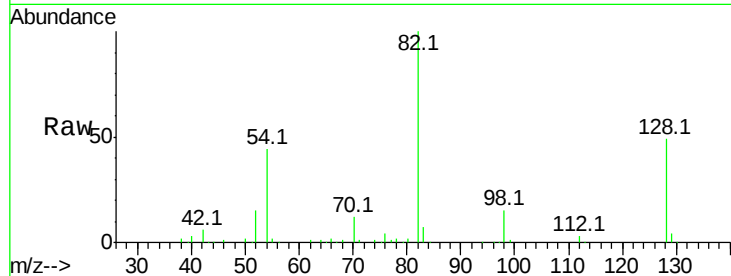
#23
 Nitrobenzene-d5
 Concen: 77.045 ng
 RT: 10.00 min Scan# 1143
 Delta R.T. -0.03 min
 Lab File: BG031798.D
 Acq: 27 Dec 2017 16:07

Instrument :
 BNA_G
 ClientSampleId :
 PB105354BSD

Tot Ion	Ratio	Resp Lower	Upper
82	100		
128	49.2	29.7	44.5#
54	44.3	43.1	64.7

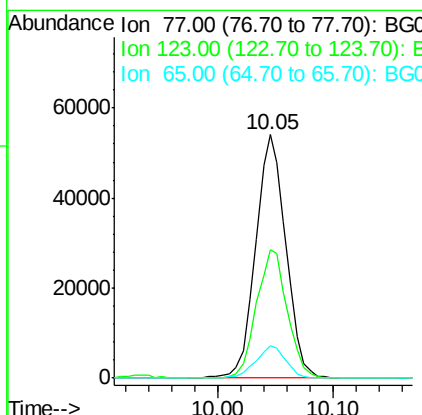
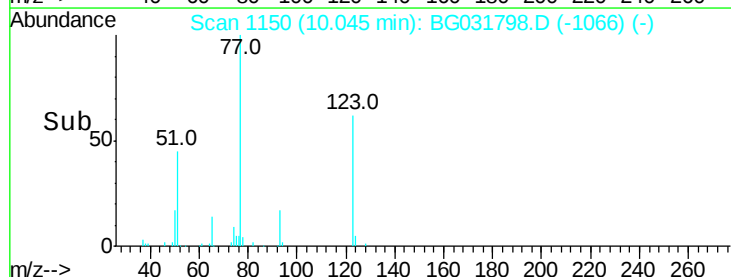
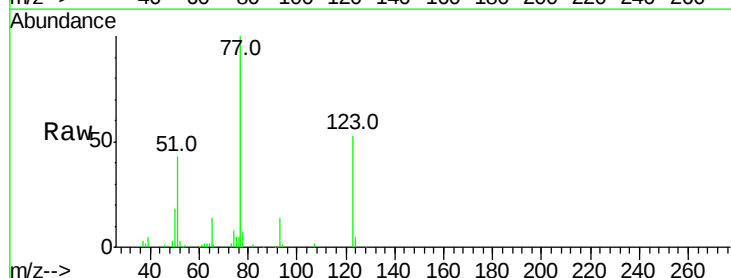
Manual Integrations
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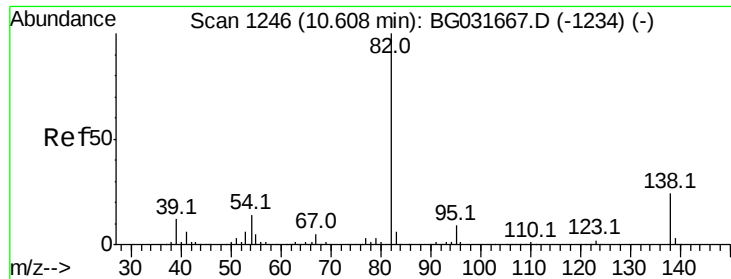
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#24
 Nitrobenzene
 Concen: 36.184 ng
 RT: 10.05 min Scan# 1150
 Delta R.T. -0.03 min
 Lab File: BG031798.D
 Acq: 27 Dec 2017 16:07

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	52.7	33.0	49.6#
65	13.5	13.0	19.6





#25

Isophorone

Concen: 33.371 ng

RT: 10.57 min Scan# 1239

Delta R.T. -0.04 min

Lab File: BG031798.D

Acq: 27 Dec 2017 16:07

Instrument :

BNA_G

ClientSampleId :

PB105354BSD

Tot Ion: 82 Resp: 188879

Ion Ratio Lower Upper

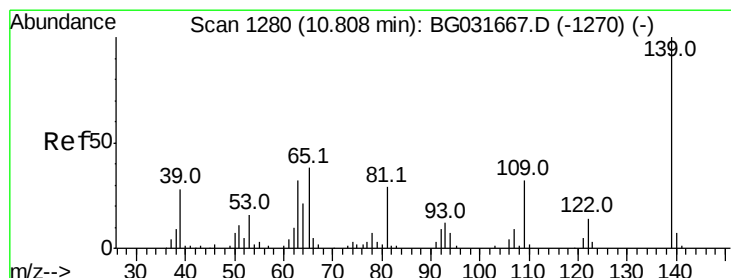
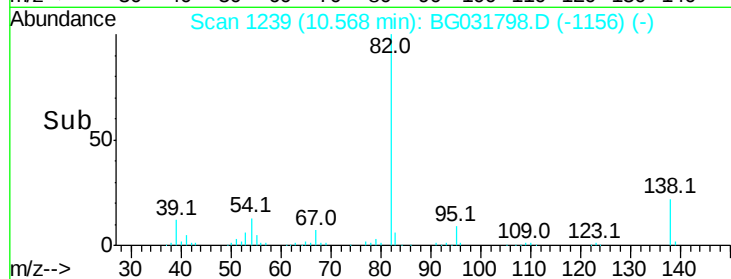
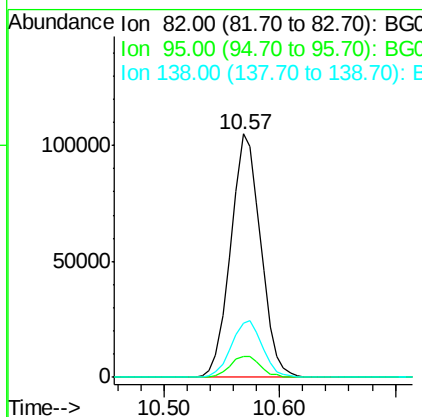
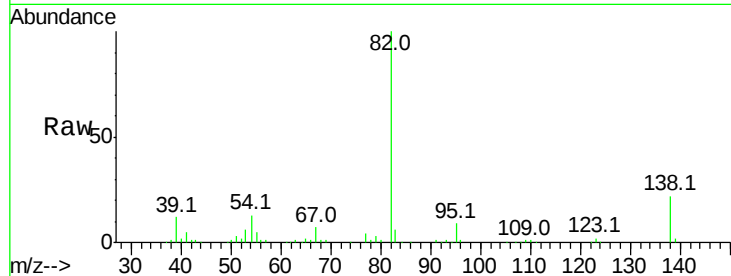
82 100

95 8.7 6.2 9.2

138 22.2 12.1 18.1#

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.962 ng

RT: 10.77 min Scan# 1274

Delta R.T. -0.03 min

Lab File: BG031798.D

Acq: 27 Dec 2017 16:07

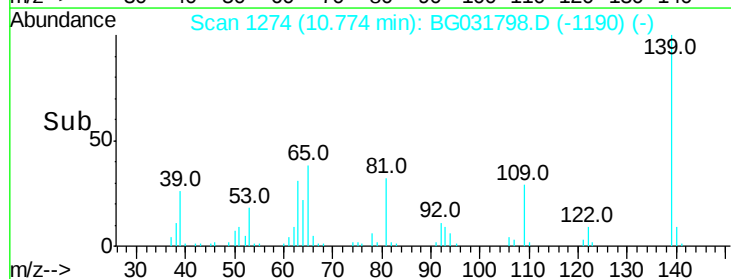
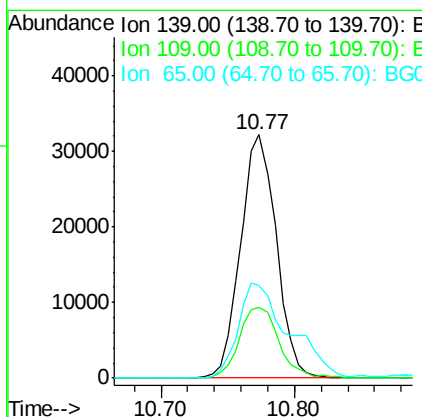
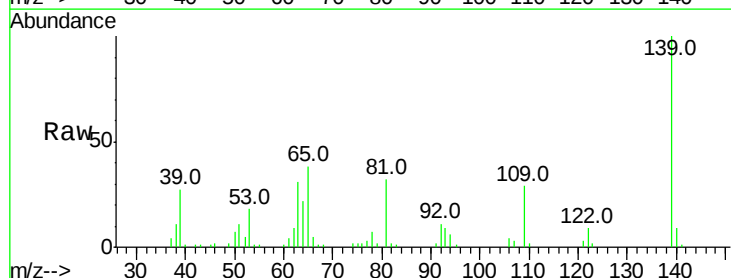
Tgt Ion: 139 Resp: 59618

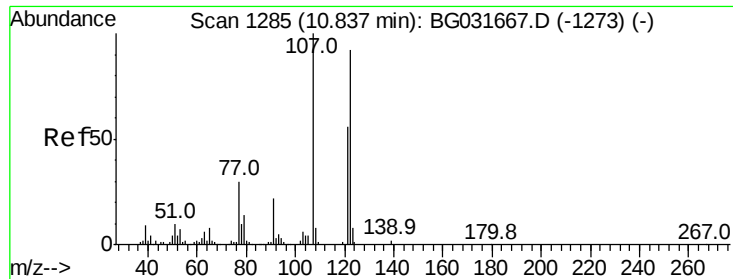
Ion Ratio Lower Upper

139 100

109 29.0 24.2 36.2

65 38.1 47.4 71.0#





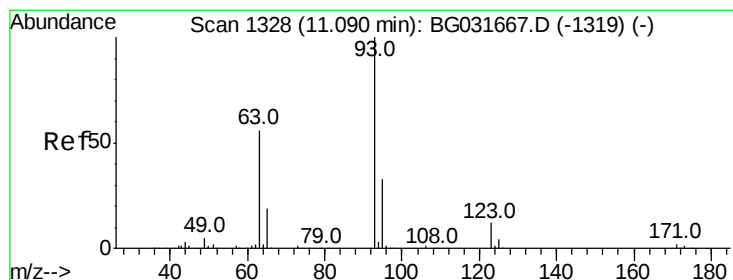
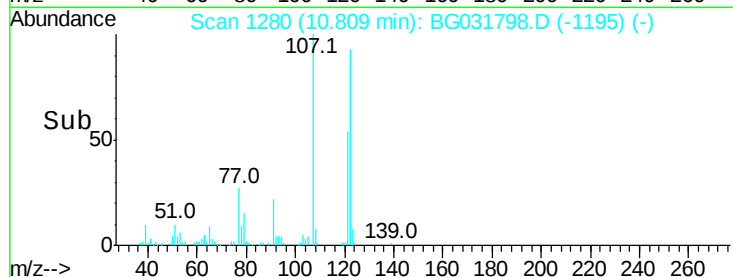
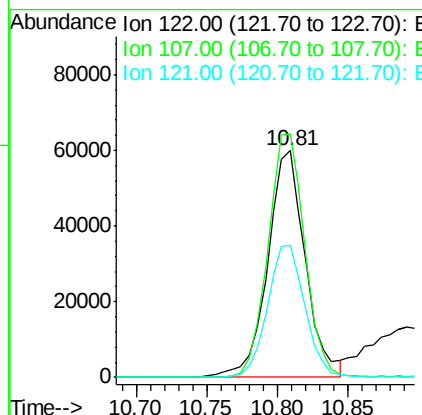
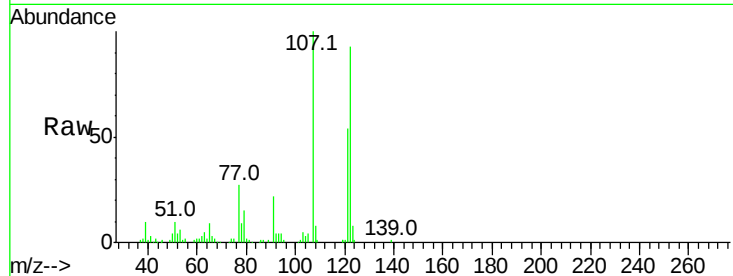
#27
2,4-Dimethylphenol
Concen: 37.383 ng
RT: 10.81 min Scan# 1280
Delta R.T. -0.03 min
Lab File: BG031798.D
Acq: 27 Dec 2017 16:07

Instrument :
BNA_G
ClientSampleId :
PB105354BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	107.6	100.2	150.2
121	58.2	44.4	66.6

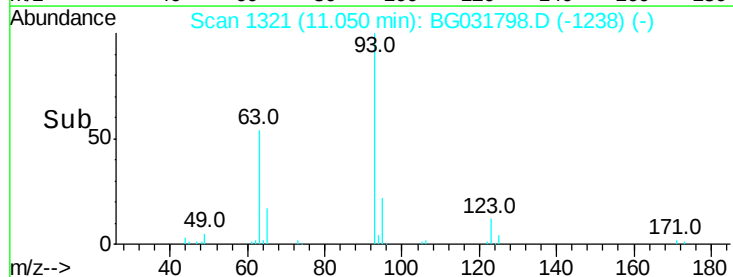
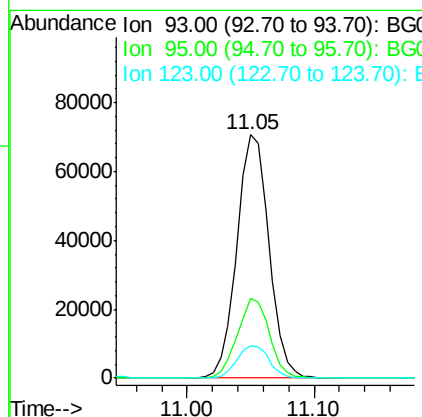
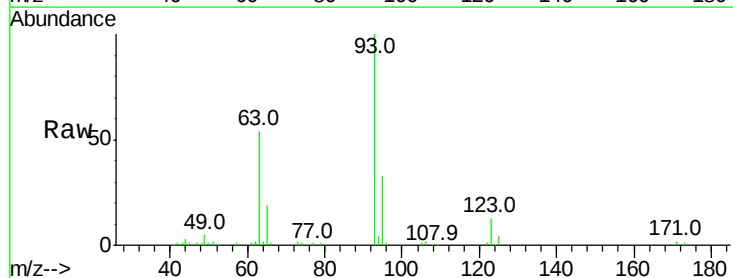
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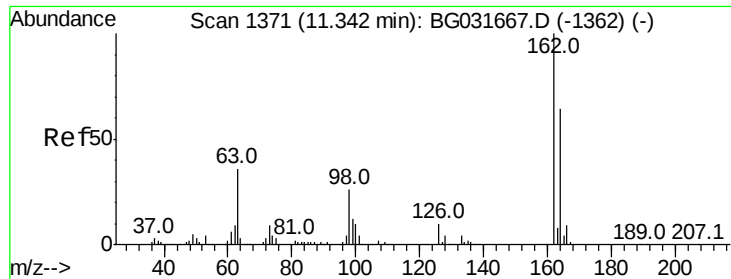
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 32.550 ng
RT: 11.05 min Scan# 1321
Delta R.T. -0.04 min
Lab File: BG031798.D
Acq: 27 Dec 2017 16:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	24.3	36.5
123	13.3	8.4	12.6





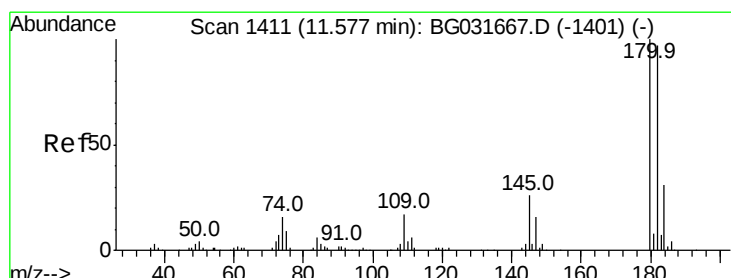
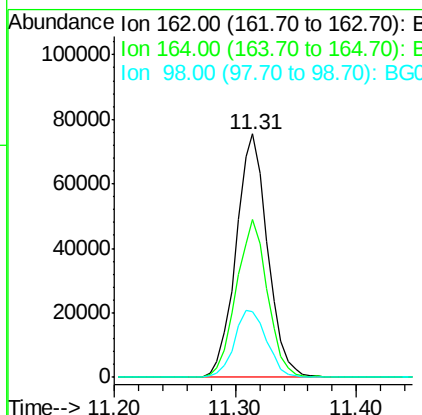
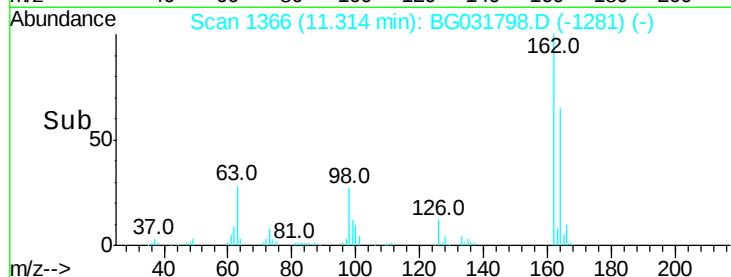
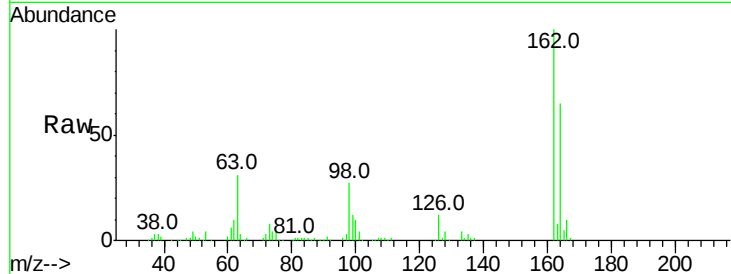
#29
2,4-Dichlorophenol
Concen: 39.137 ng
RT: 11.31 min Scan# 1366
Delta R.T. -0.03 min
Lab File: BG031798.D
Acq: 27 Dec 2017 16:07

Instrument :
BNA_G
ClientSampleId :
PB105354BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.1	48.0	88.0
98	26.8	21.1	61.1

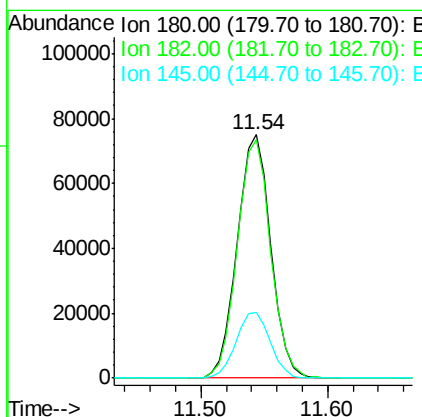
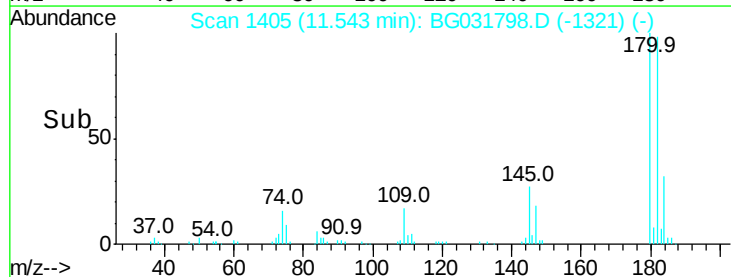
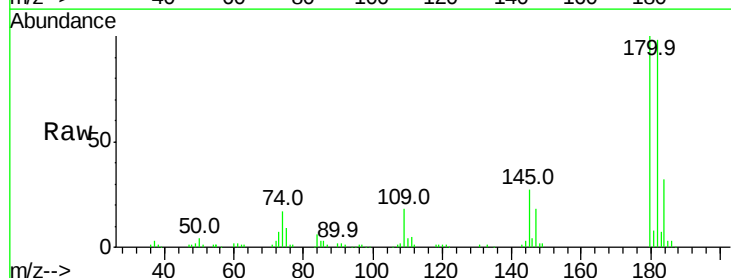
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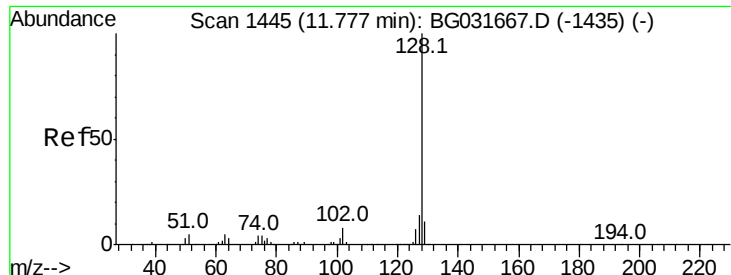
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#30
1,2,4-Trichlorobenzene
Concen: 32.097 ng
RT: 11.54 min Scan# 1405
Delta R.T. -0.03 min
Lab File: BG031798.D
Acq: 27 Dec 2017 16:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	98.2	77.5	116.3
145	27.1	23.4	35.2





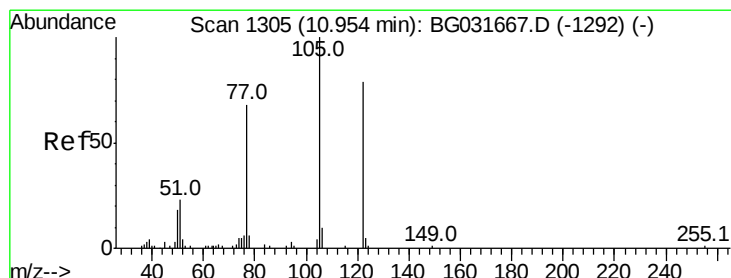
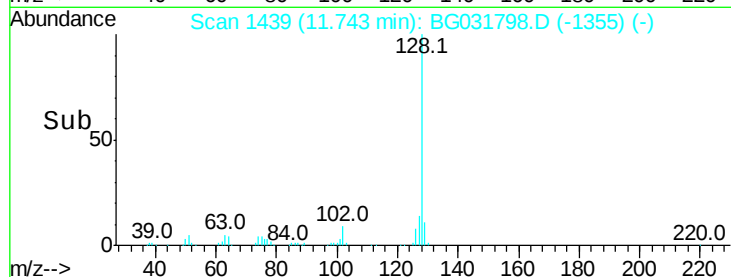
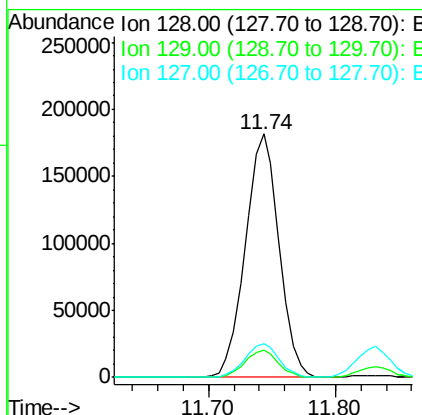
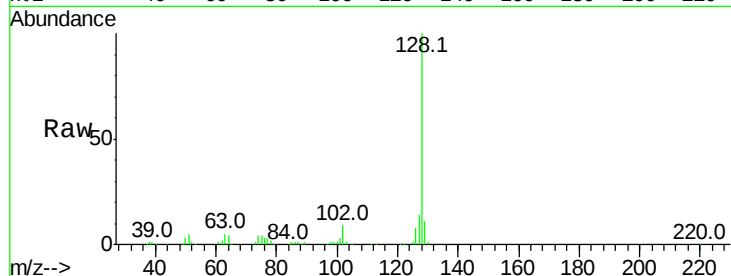
#31
Naphthalene
Concen: 33.367 ng
RT: 11.74 min Scan# 1439
Delta R.T. -0.03 min
Lab File: BG031798.D
Acq: 27 Dec 2017 16:07

Instrument :
BNA_G
ClientSampleId :
PB105354BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	12.8
127	13.9	11.6	17.4

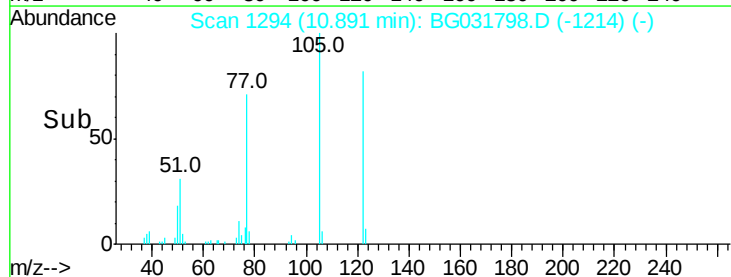
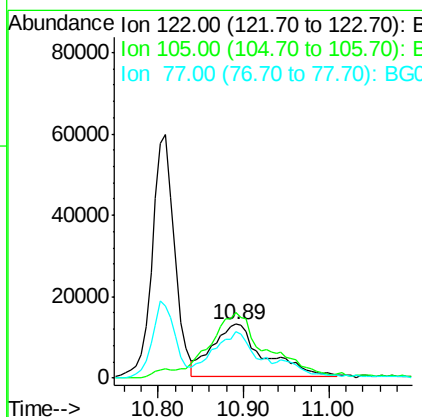
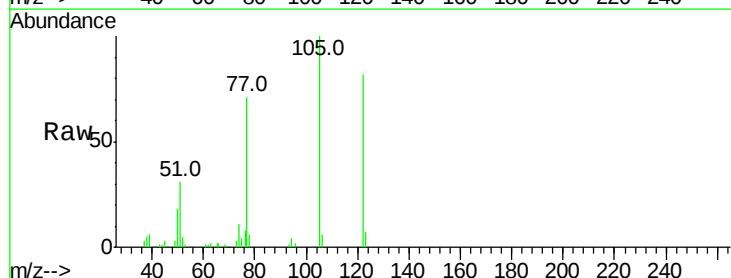
Manual Integrations
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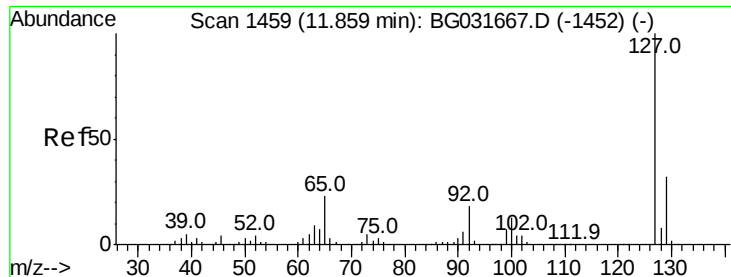
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#32
Benzoic acid
Concen: 30.124 ng m
RT: 10.89 min Scan# 1294
Delta R.T. -0.06 min
Lab File: BG031798.D
Acq: 27 Dec 2017 16:07

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.9	123.5	163.5#
77	86.7	85.7	125.7





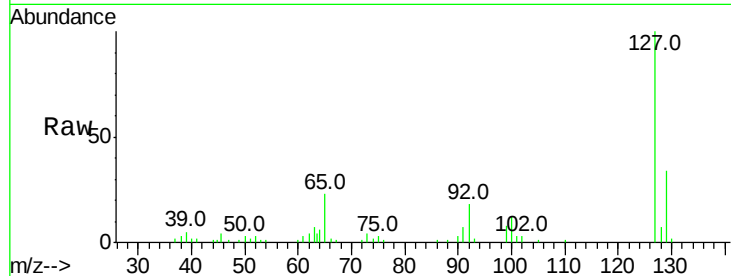
#33
4-Chloroaniline
Concen: 9.535 ng
RT: 11.83 min Scan# 1454
Delta R.T. -0.03 min
Lab File: BG031798.D
Acq: 27 Dec 2017 16:07

Instrument :
BNA_G
ClientSampleId :
PB105354BSD

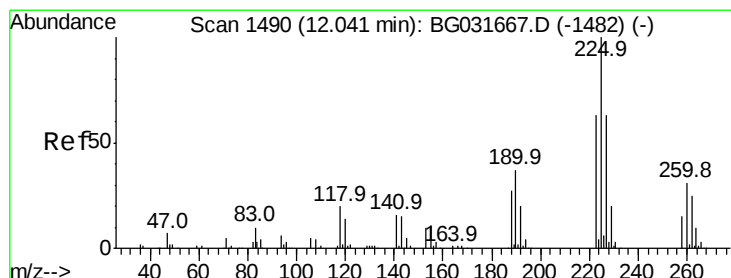
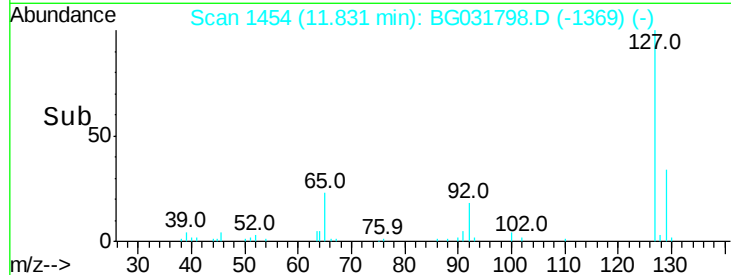
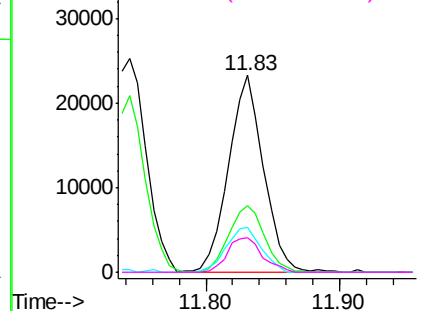
Tot Ion:	127	Resp:	42536
Ion Ratio	Lower	Upper	
127	100		
129	33.5	24.0	36.0
65	22.8	27.0	40.4
92	17.6	16.6	25.0

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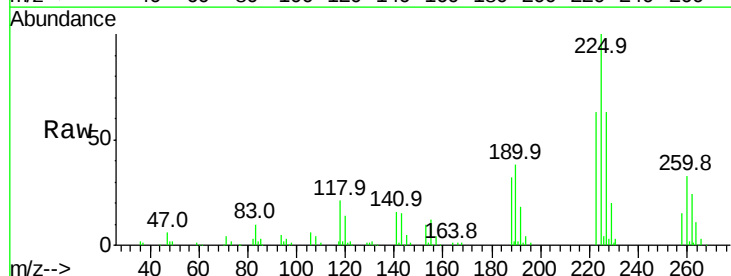


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

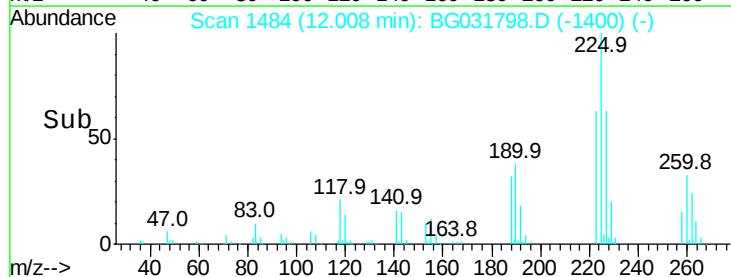
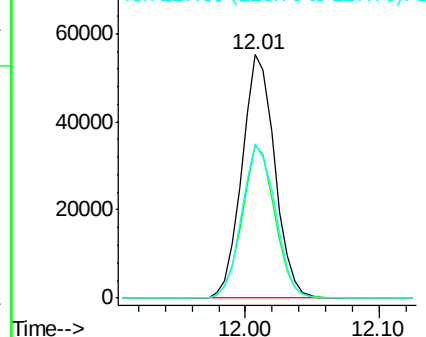


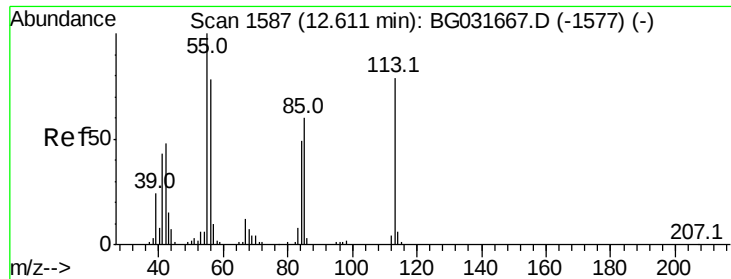
#34
Hexachlorobutadiene
Concen: 31.727 ng
RT: 12.01 min Scan# 1484
Delta R.T. -0.03 min
Lab File: BG031798.D
Acq: 27 Dec 2017 16:07

Tgt Ion:	225	Resp:	93343
Ion Ratio	Lower	Upper	
225	100		
223	62.8	49.7	74.5
227	63.1	48.1	72.1



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





#35

Caprolactam

Concen: 40.806 ng

RT: 12.58 min Scan# 1581

Delta R.T. -0.03 min

Lab File: BG031798.D

Acq: 27 Dec 2017 16:07

Instrument :

BNA_G

ClientSampleId :

PB105354BSD

Tot Ion:113 Resp: 43412

Ion Ratio Lower Upper

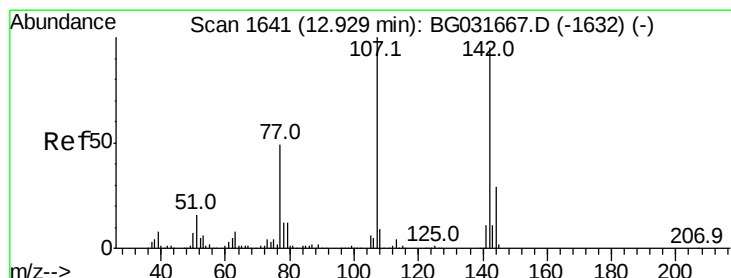
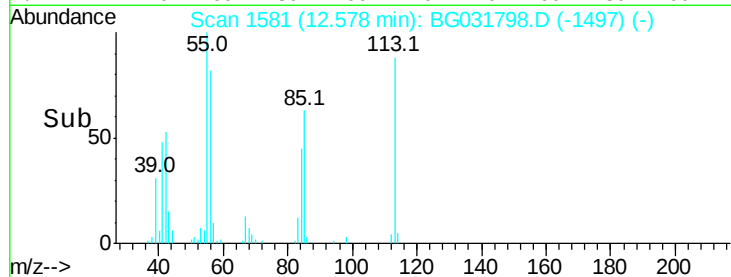
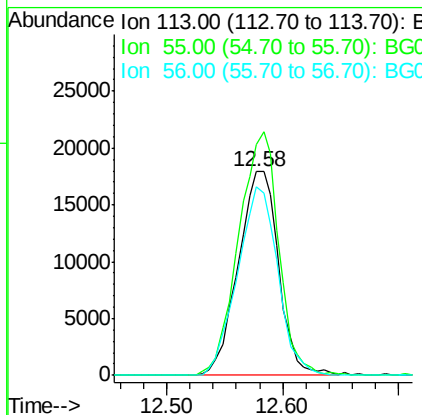
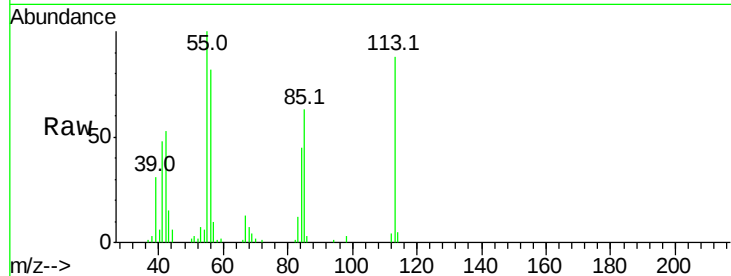
113 100

55 113.3 186.9 226.9#

56 92.4 130.9 170.9#

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#36

4-Chloro-3-methylphenol

Concen: 38.308 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.03 min

Lab File: BG031798.D

Acq: 27 Dec 2017 16:07

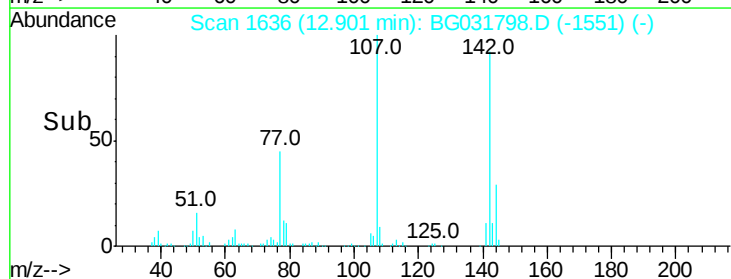
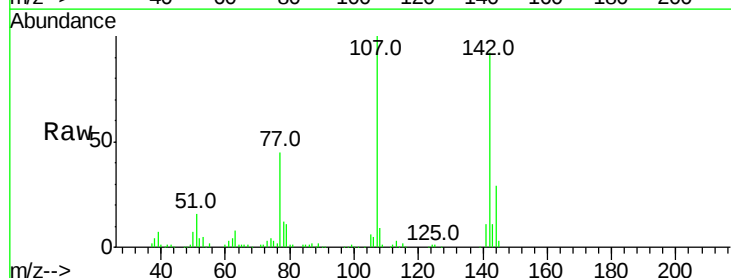
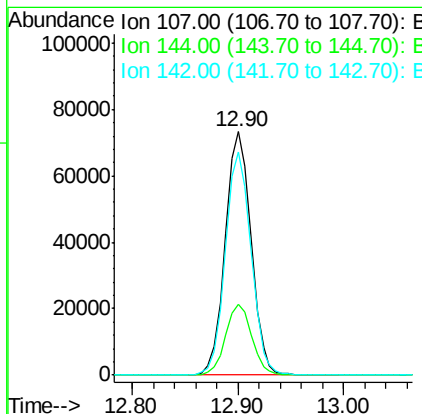
Tgt Ion:107 Resp: 124176

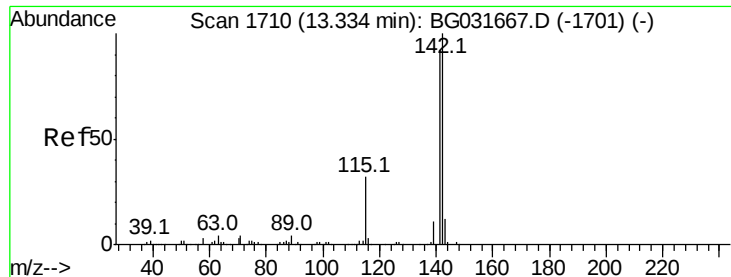
Ion Ratio Lower Upper

107 100

144 29.2 18.2 27.4#

142 91.5 59.0 88.4#





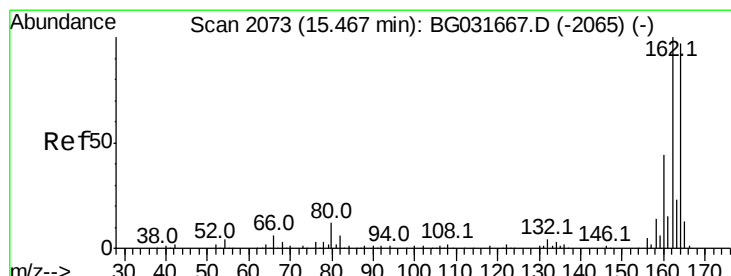
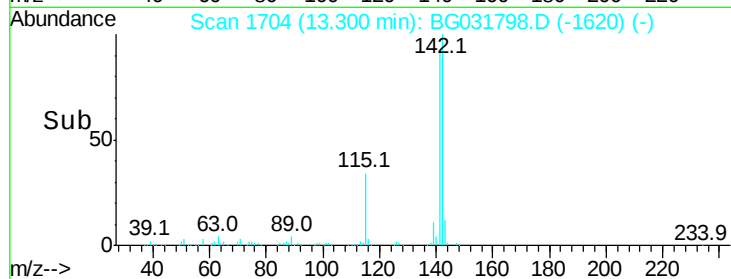
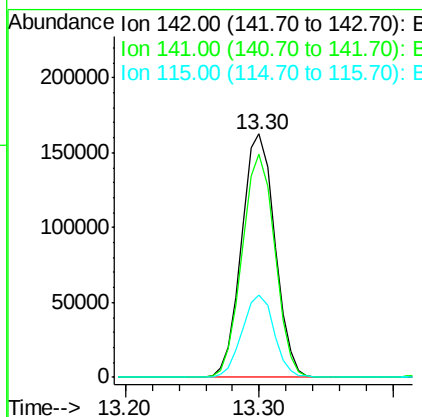
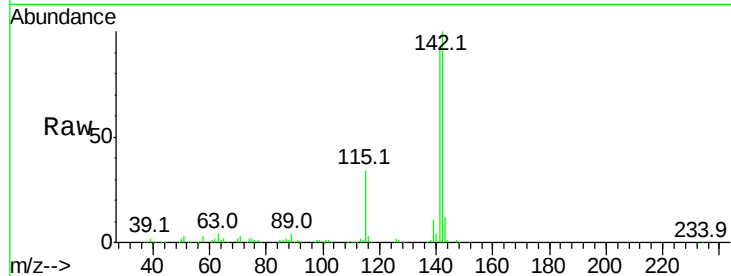
#37
2-Methylnaphthalene
Concen: 34.518 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.03 min
Lab File: BG031798.D
Acq: 27 Dec 2017 16:07

Instrument :
BNA_G
ClientSampleId :
PB105354BSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	280373		
141	91.9	67.1	100.7	
115	33.8	30.7	46.1	

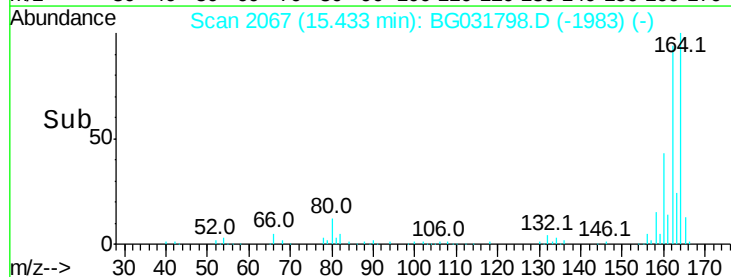
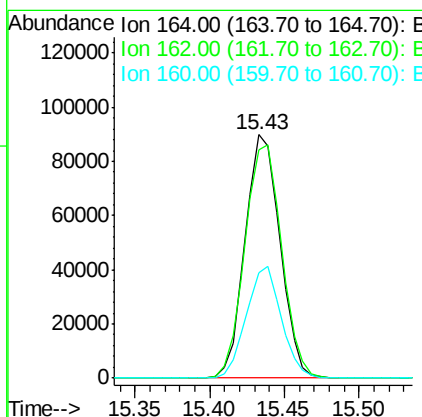
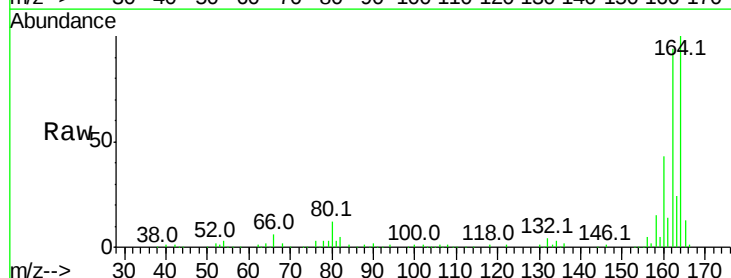
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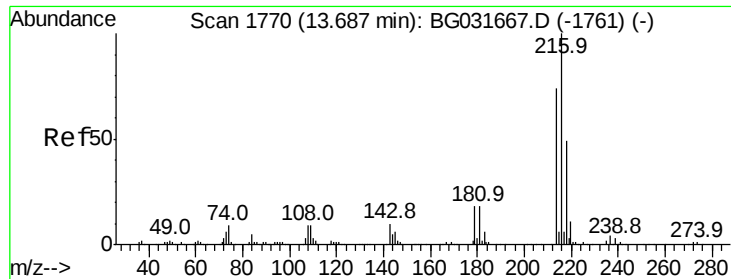
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.43 min Scan# 2067
Delta R.T. -0.03 min
Lab File: BG031798.D
Acq: 27 Dec 2017 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	145333		
162	93.9	78.8	118.2	
160	43.1	35.4	53.0	





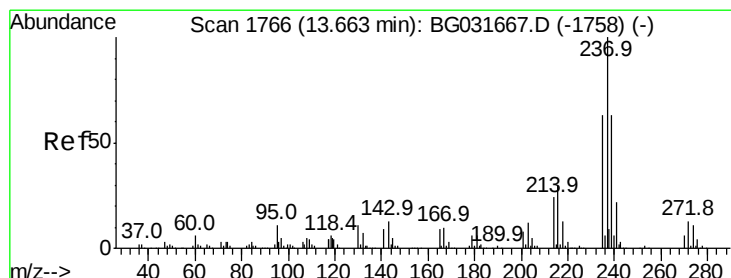
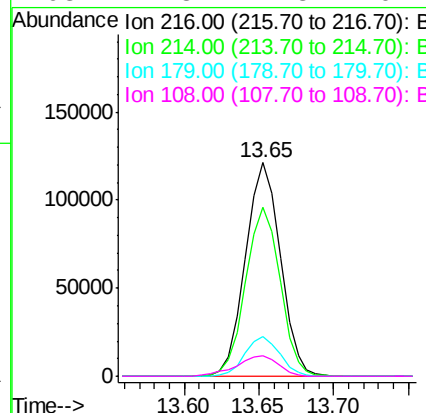
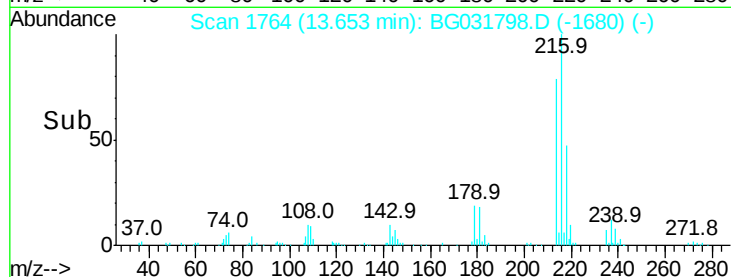
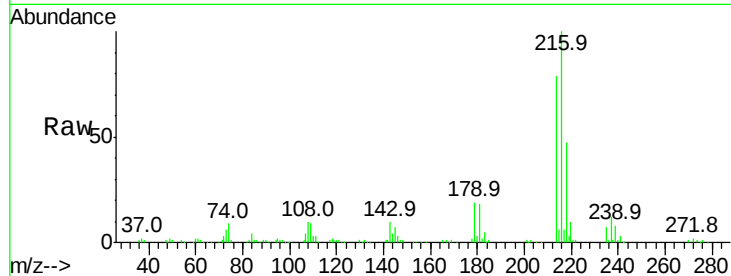
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.103 ng
 RT: 13.65 min Scan# 1764
 Delta R.T. -0.03 min
 Lab File: BG031798.D
 Acq: 27 Dec 2017 16:07

Instrument :
 BNA_G
 ClientSampleId :
 PB105354BSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	196521		
214	78.2	63.0	94.4	
179	18.5	17.0	25.6	
108	11.8	12.8	19.2	

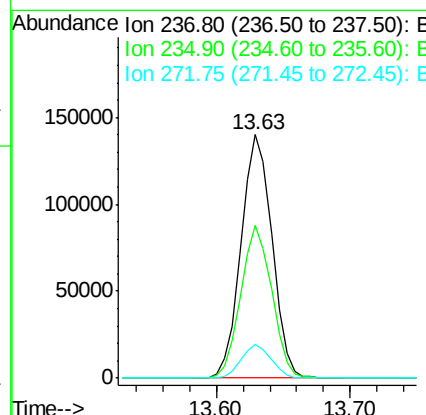
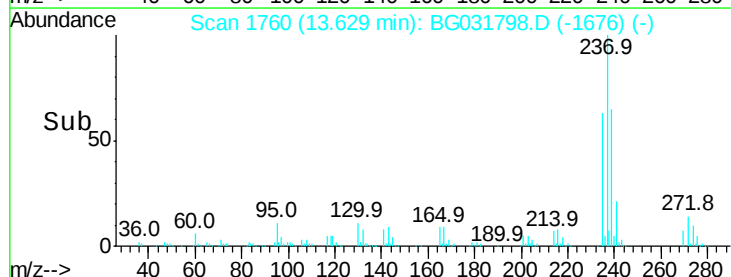
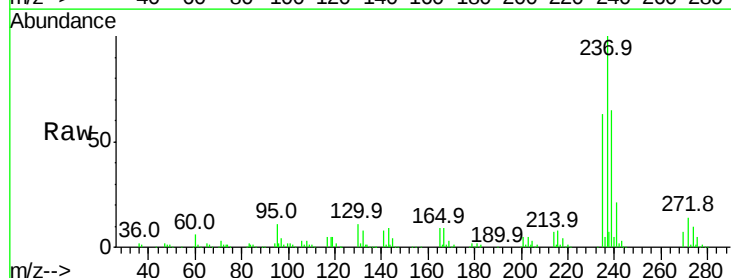
Manual Integrations
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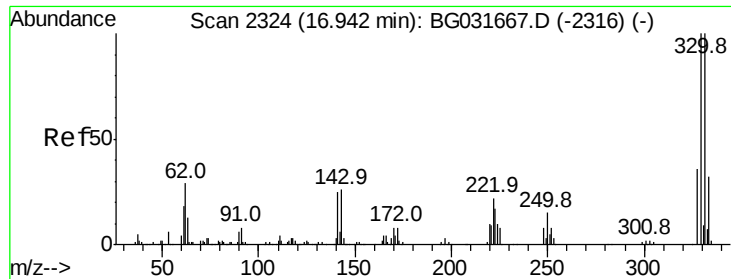
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#40
 Hexachlorocyclopentadiene
 Concen: 69.613 ng
 RT: 13.63 min Scan# 1760
 Delta R.T. -0.03 min
 Lab File: BG031798.D
 Acq: 27 Dec 2017 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	224805		
235	62.7	50.4	90.4	
272	13.8	0.0	31.8	





#41

2,4,6-Tribromophenol

Concen: 80.857 ng

RT: 16.91 min Scan# 2318

Delta R.T. -0.03 min

Lab File: BG031798.D

Acq: 27 Dec 2017 16:07

Instrument :

BNA_G

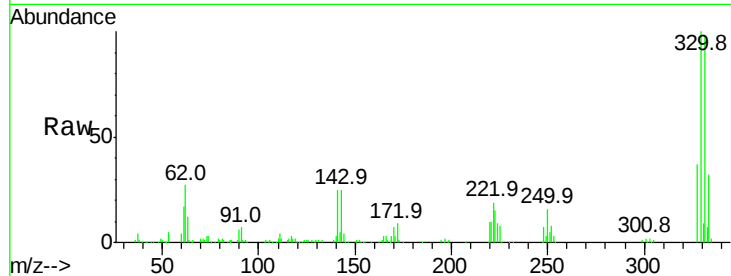
ClientSampled :

PB105354BSD

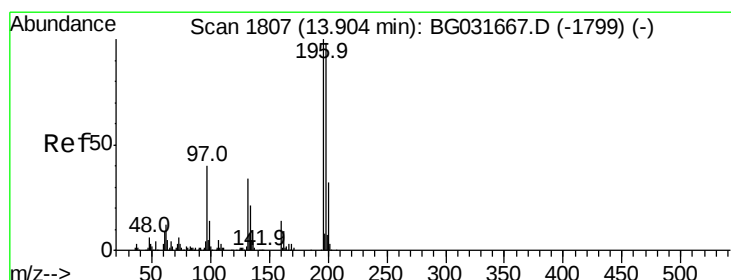
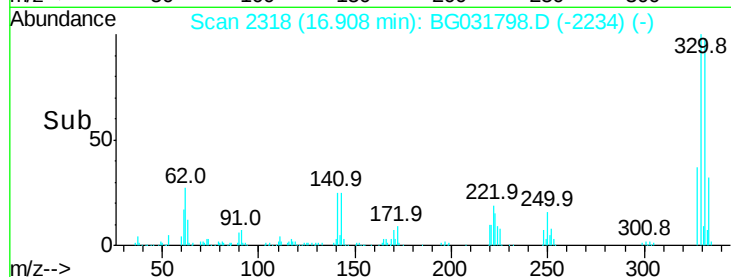
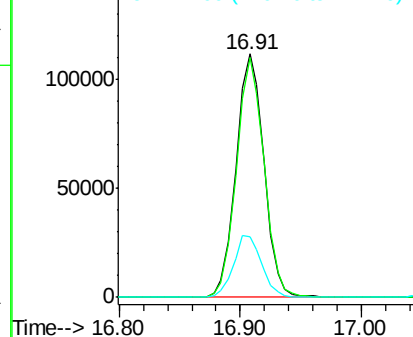
Tot Ion:	330	Resp:	179306
Ion Ratio	Lower	Upper	
330	100		
332	97.5	77.0	115.6
141	25.5	25.2	37.8

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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: 35.535 ng

RT: 13.88 min Scan# 1802

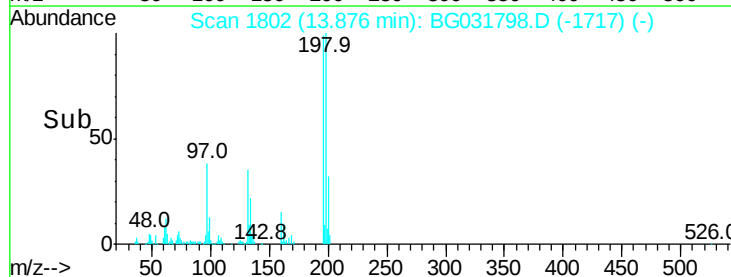
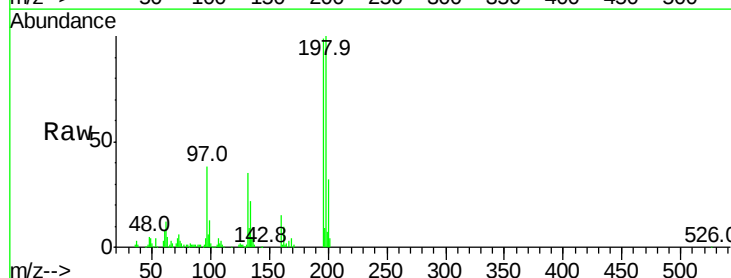
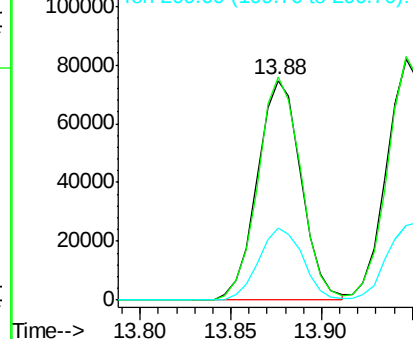
Delta R.T. -0.03 min

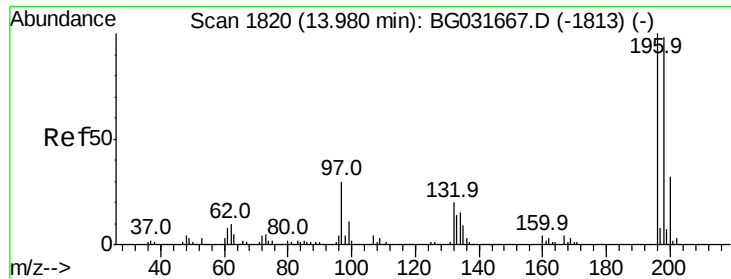
Lab File: BG031798.D

Acq: 27 Dec 2017 16:07

Tgt Ion:	196	Resp:	125419
Ion Ratio	Lower	Upper	
196	100		
198	101.3	78.2	117.2
200	32.6	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





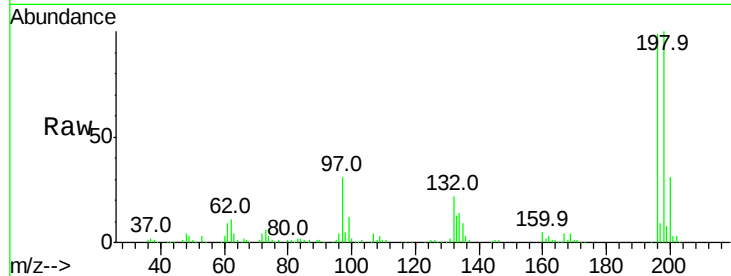
#43
 2,4,5-Trichlorophenol
 Concen: 35.398 ng
 RT: 13.95 min Scan# 1814
 Delta R.T. -0.03 min
 Lab File: BG031798.D
 Acq: 27 Dec 2017 16:07

Instrument :
 BNA_G
 ClientSampleId :
 PB105354BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	138452		
198	100.9	76.2	114.4	
97	31.3	38.7	58.1	
132	22.5	20.2	30.2	

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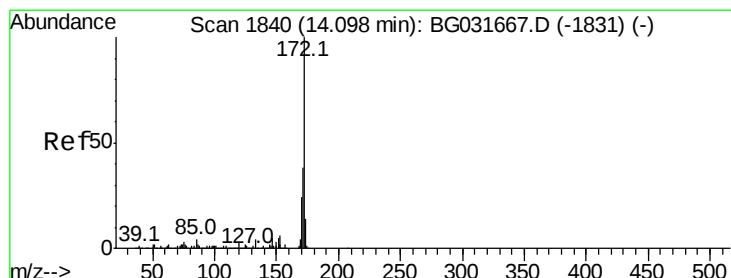
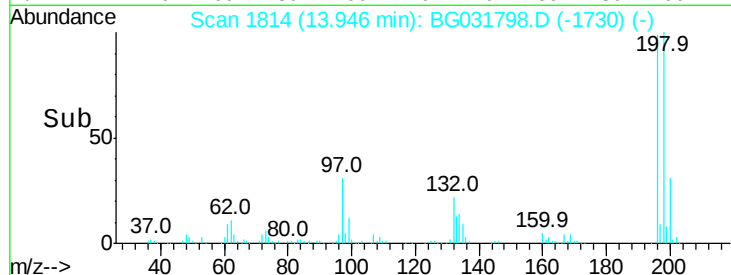
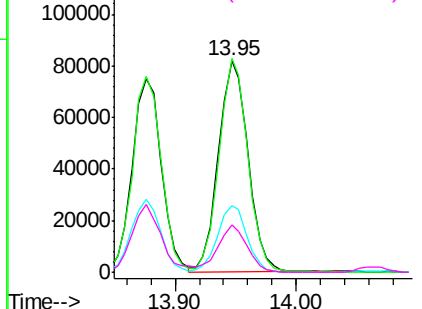
Abundance

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): B

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 66.724 ng
 RT: 14.06 min Scan# 1834
 Delta R.T. -0.03 min
 Lab File: BG031798.D
 Acq: 27 Dec 2017 16:07

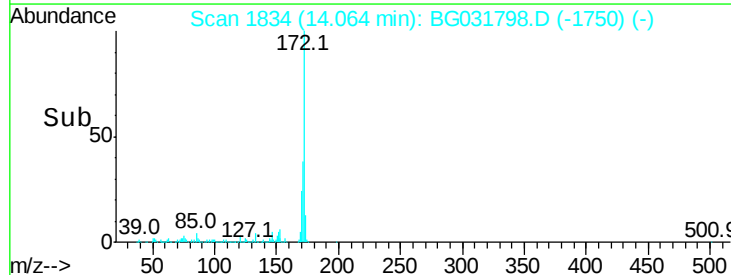
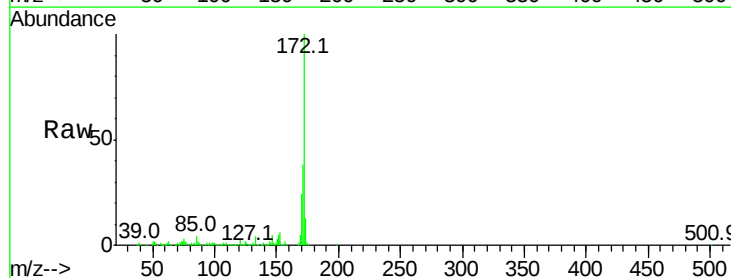
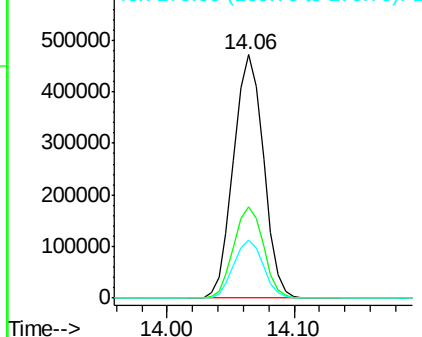
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	772608		
171	37.7	30.0	45.0	
170	23.9	19.5	29.3	

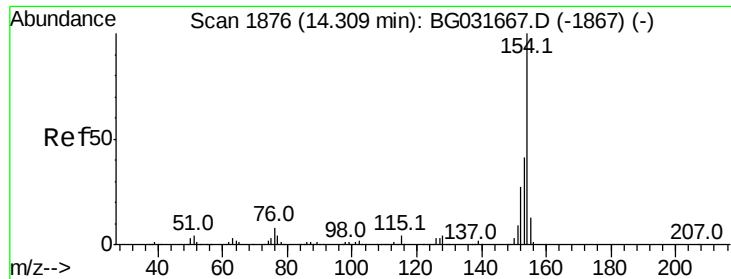
Abundance

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





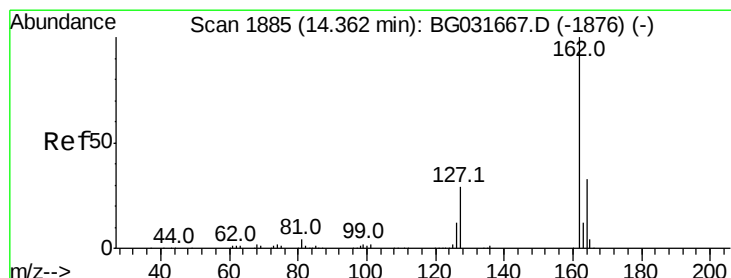
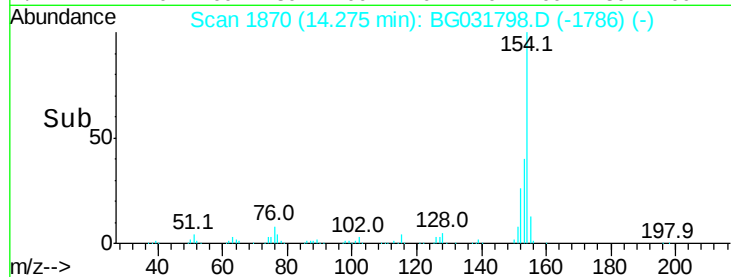
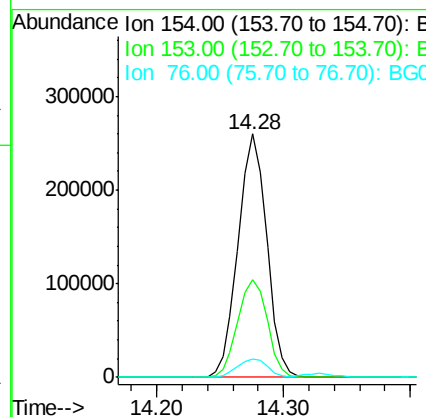
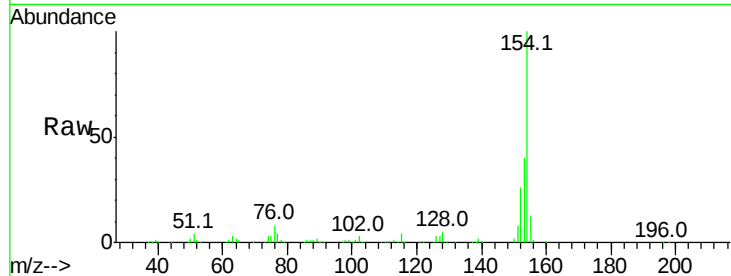
#45
 1,1'-Biphenyl
 Concen: 32.738 ng
 RT: 14.28 min Scan# 1870
 Delta R.T. -0.03 min
 Lab File: BG031798.D
 Acq: 27 Dec 2017 16:07

Instrument :
 BNA_G
 ClientSampleId :
 PB105354BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.4	19.8	59.8
76	7.6	0.0	31.9

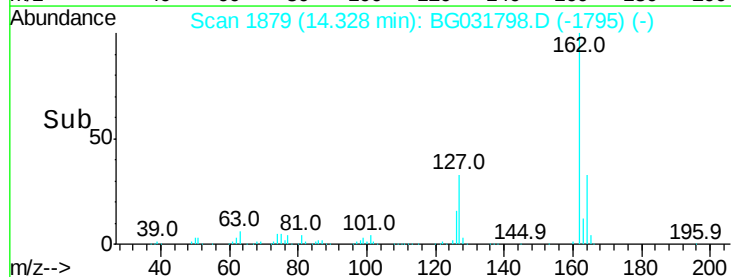
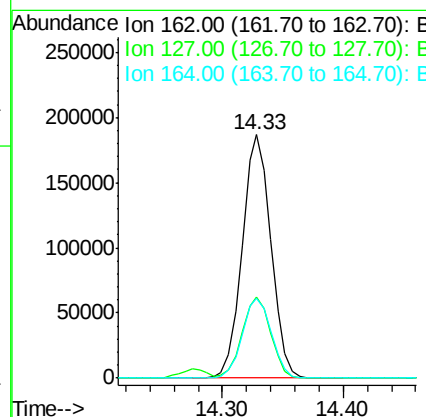
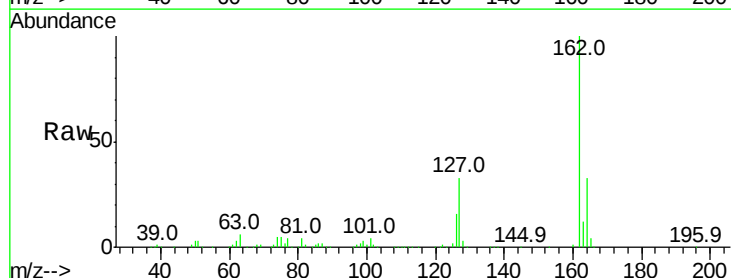
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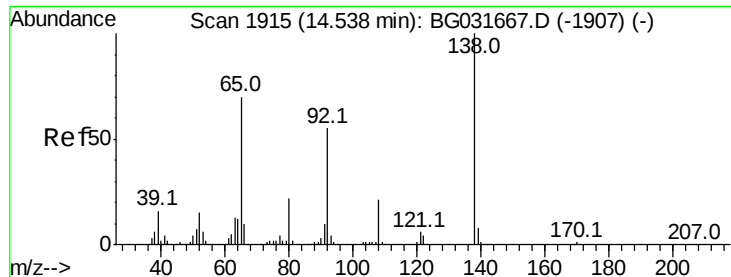
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#46
 2-Chloronaphthalene
 Concen: 32.646 ng
 RT: 14.33 min Scan# 1879
 Delta R.T. -0.03 min
 Lab File: BG031798.D
 Acq: 27 Dec 2017 16:07

Tgt Ion	Ratio	Lower	Upper
162	100		
127	33.2	30.7	46.1
164	32.9	26.0	39.0





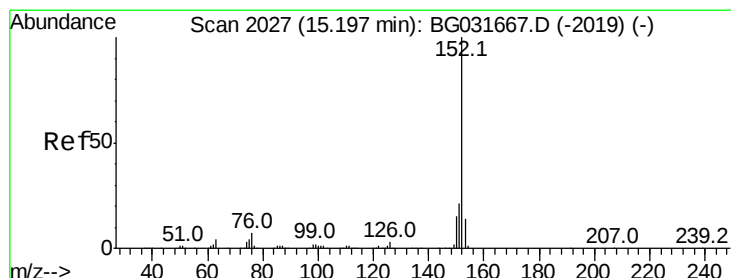
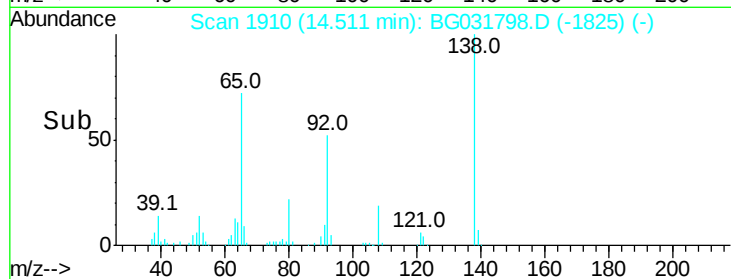
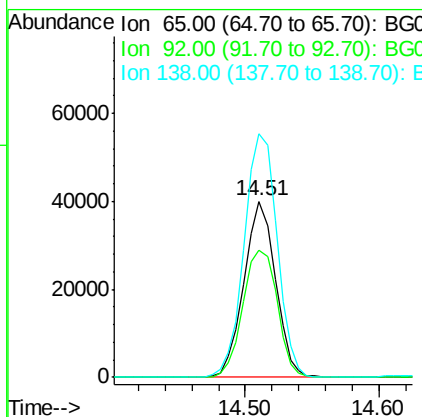
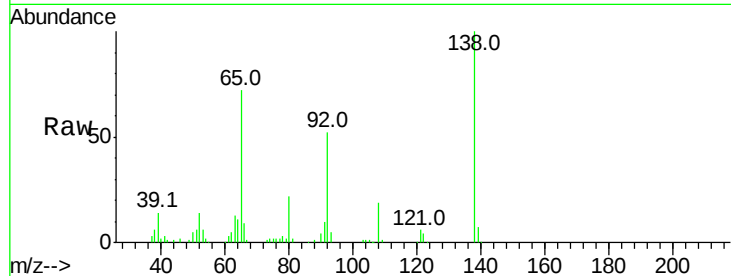
#47
2-Nitroaniline
Concen: 40.010 ng
RT: 14.51 min Scan# 1910
Delta R.T. -0.03 min
Lab File: BG031798.D
Acq: 27 Dec 2017 16:07

Instrument :
BNA_G
ClientSampleId :
PB105354BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.9	54.6	82.0
138	138.1	72.9	109.3

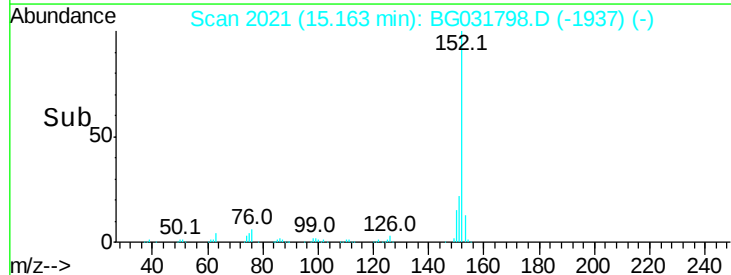
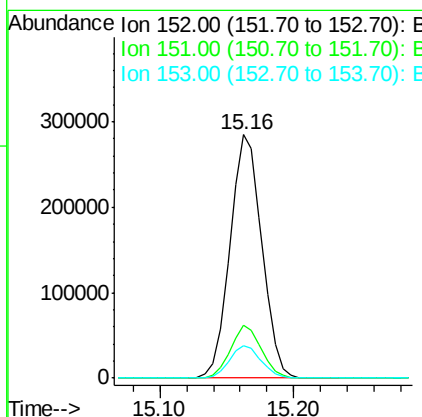
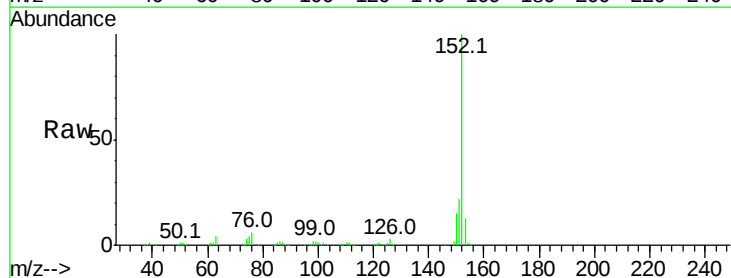
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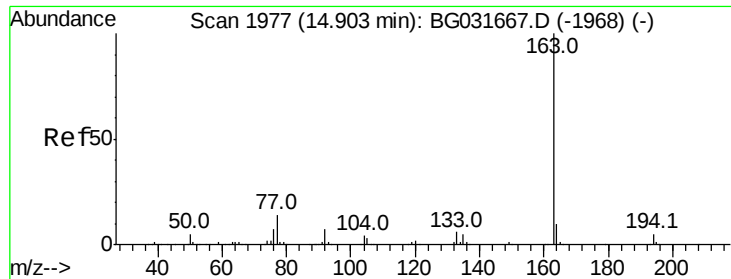
Sohil
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#48
Acenaphthylene
Concen: 31.093 ng
RT: 15.16 min Scan# 2021
Delta R.T. -0.03 min
Lab File: BG031798.D
Acq: 27 Dec 2017 16:07

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.7	17.2	25.8
153	13.5	10.2	15.4





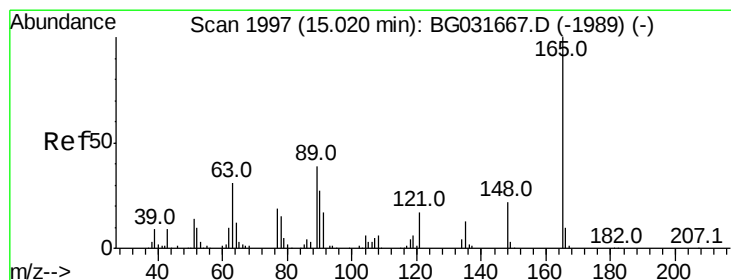
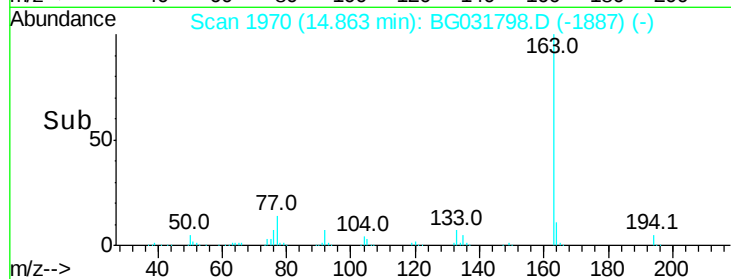
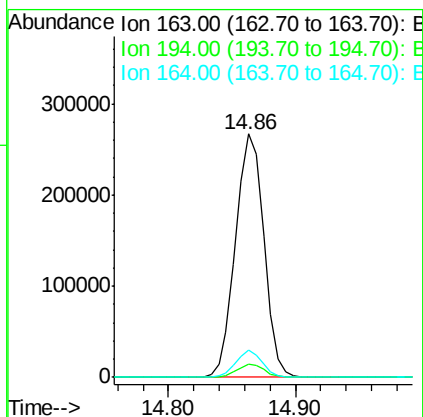
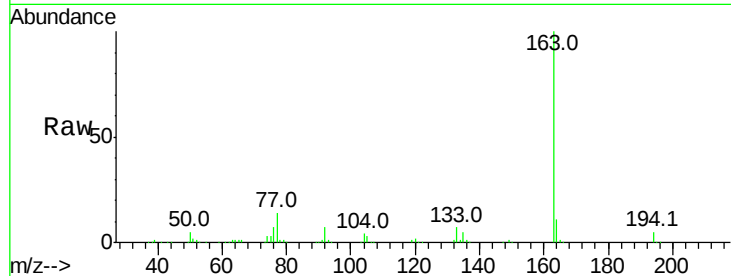
#49
Dimethylphthalate
Concen: 32.277 ng
RT: 14.86 min Scan# 1970
Delta R.T. -0.04 min
Lab File: BG031798.D
Acq: 27 Dec 2017 16:07

Instrument :
BNA_G
ClientSampleId :
PB105354BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	5.3	3.4	5.2#	
164	11.0	8.2	12.4	

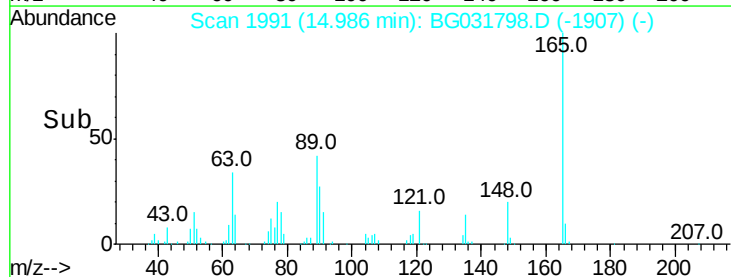
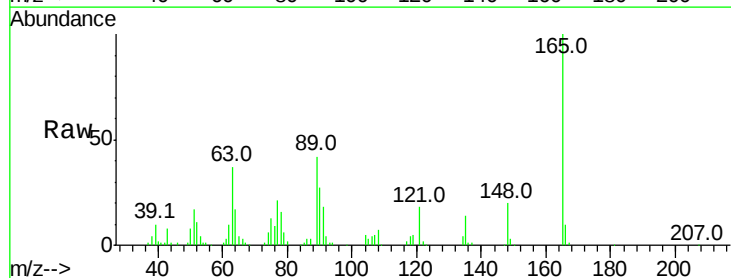
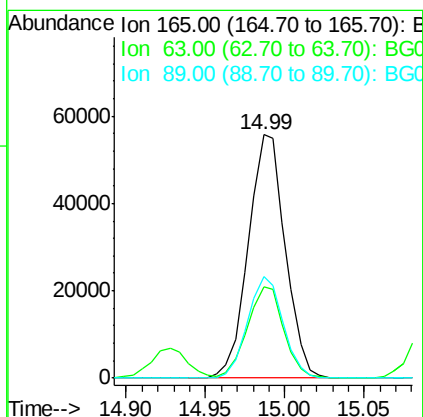
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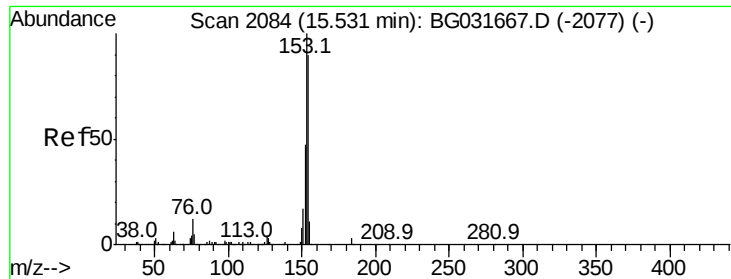
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#50
2,6-Dinitrotoluene
Concen: 38.257 ng
RT: 14.99 min Scan# 1991
Delta R.T. -0.03 min
Lab File: BG031798.D
Acq: 27 Dec 2017 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	37.4	52.7	79.1#	
89	41.9	49.2	73.8#	





#51

Acenaphthene

Concen: 31.798 ng

RT: 15.50 min Scan# 2078

Delta R.T. -0.03 min

Lab File: BG031798.D

Acq: 27 Dec 2017 16:07

Instrument :

BNA_G

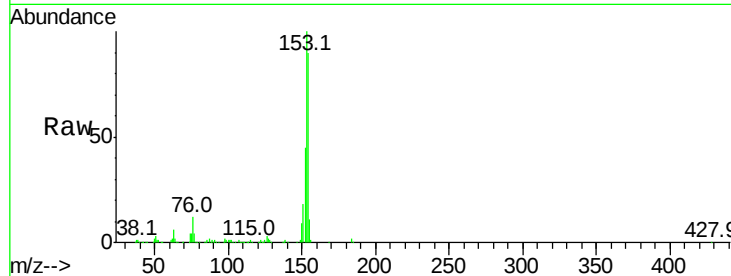
ClientSampleId :

PB105354BSD

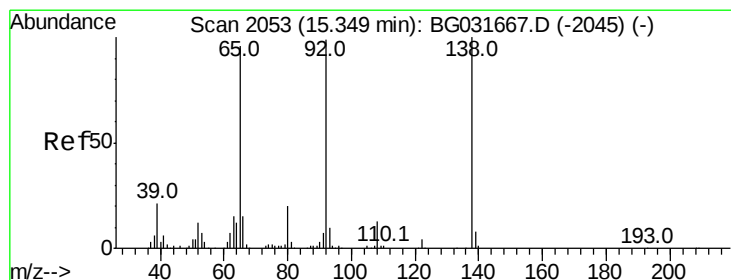
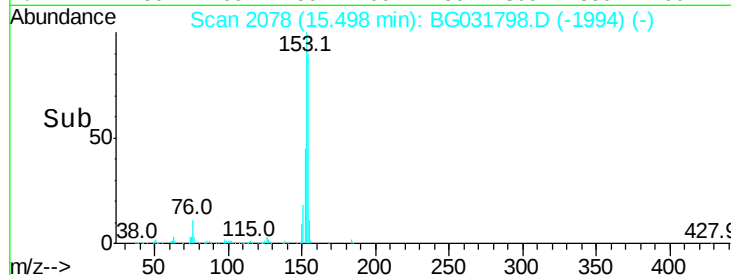
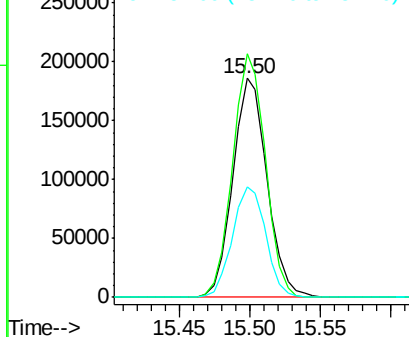
Tot Ion:	154	Resp:	315442
Ion Ratio	Lower	Upper	
154	100		
153	111.3	90.4	135.6
152	50.6	41.6	62.4

Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 19.388 ng

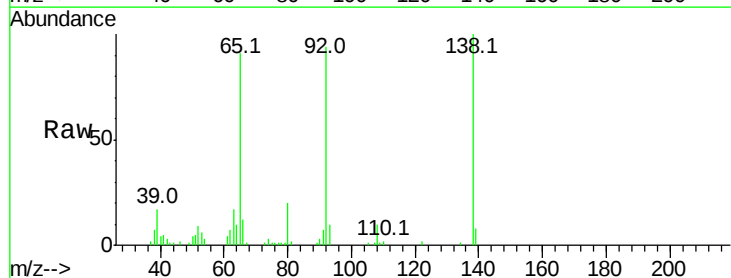
RT: 15.32 min Scan# 2048

Delta R.T. -0.03 min

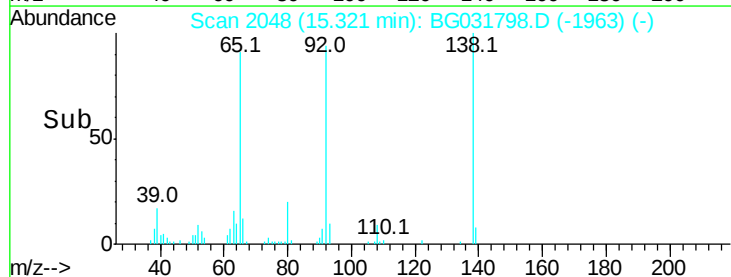
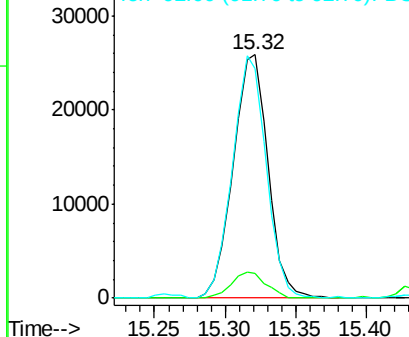
Lab File: BG031798.D

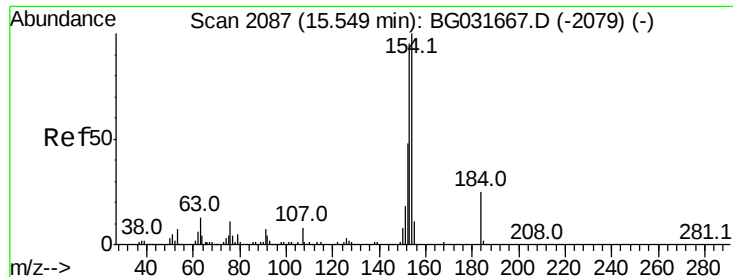
Acq: 27 Dec 2017 16:07

Tgt Ion:	138	Resp:	44551
Ion Ratio	Lower	Upper	
138	100		
108	10.0	17.5	26.3#
92	94.3	105.8	158.8#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGO





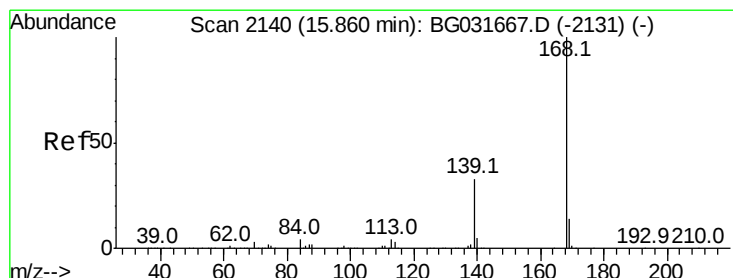
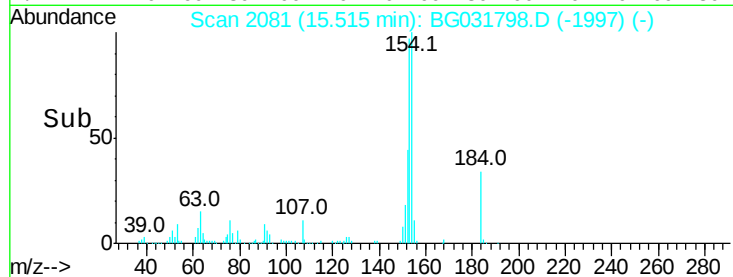
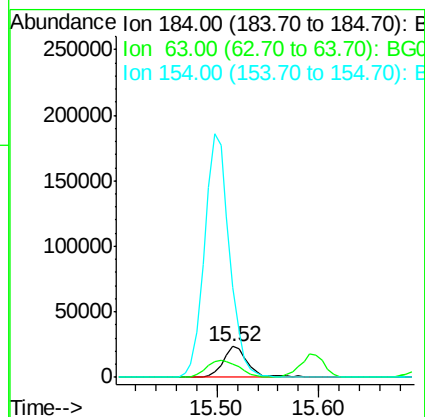
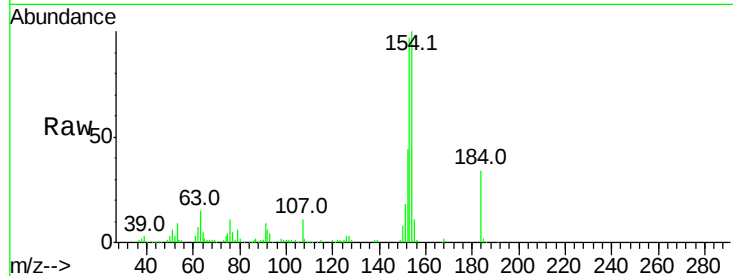
#53
2,4-Dinitrophenol
Concen: 43.706 ng
RT: 15.52 min Scan# 2081
Delta R.T. -0.03 min
Lab File: BG031798.D
Acq: 27 Dec 2017 16:07

Instrument :
BNA_G
ClientSampleId :
PB105354BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	43.9	59.8	89.8#
154	291.8	101.8	152.8#

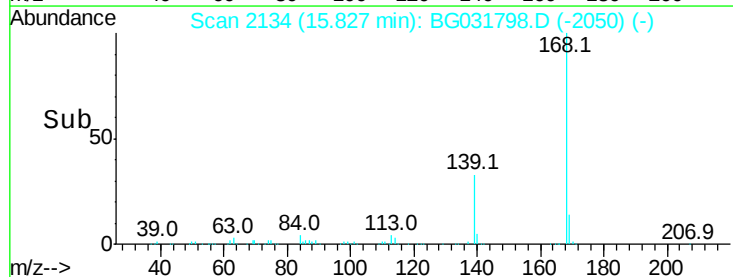
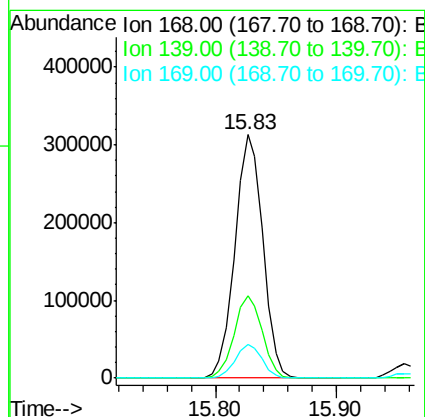
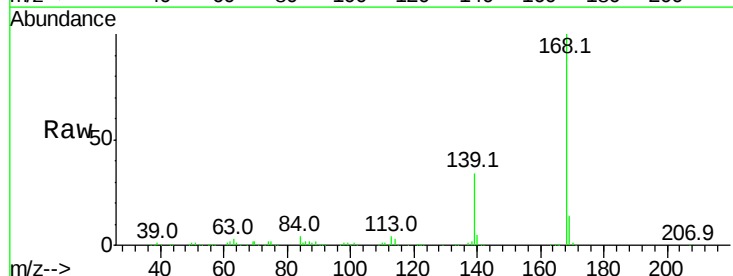
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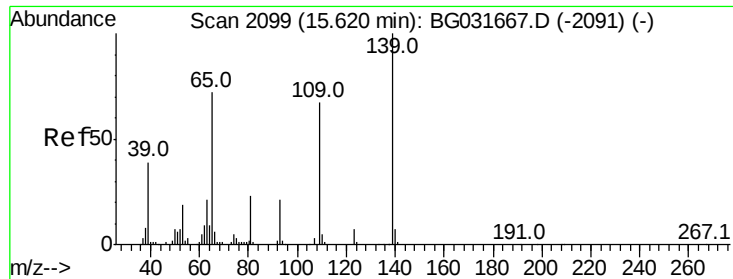
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#54
Dibenzofuran
Concen: 33.172 ng
RT: 15.83 min Scan# 2134
Delta R.T. -0.03 min
Lab File: BG031798.D
Acq: 27 Dec 2017 16:07

Tgt Ion	Ratio	Lower	Upper
168	100		
139	33.7	28.6	43.0
169	13.6	11.2	16.8





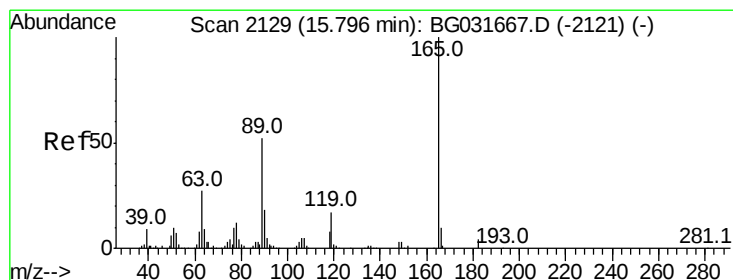
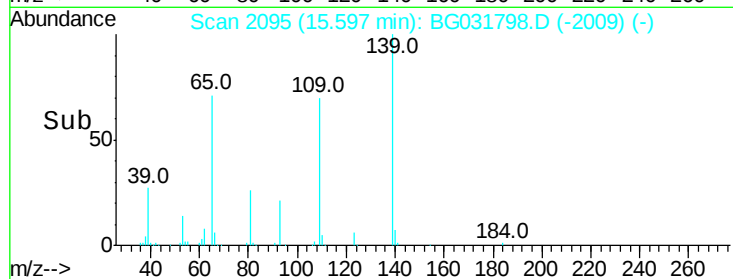
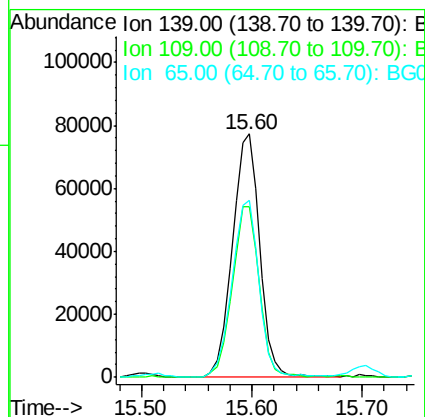
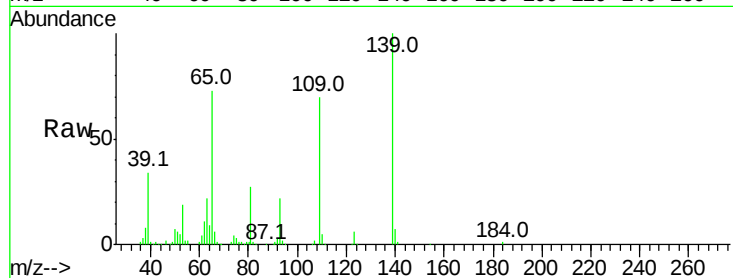
#55
4-Nitrophenol
Concen: 72.018 ng
RT: 15.60 min Scan# 2095
Delta R.T. -0.02 min
Lab File: BG031798.D
Acq: 27 Dec 2017 16:07

Instrument :
BNA_G
ClientSampleId :
PB105354BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	134694		
109	70.3	62.2	102.2	
65	72.7	97.2	137.2	

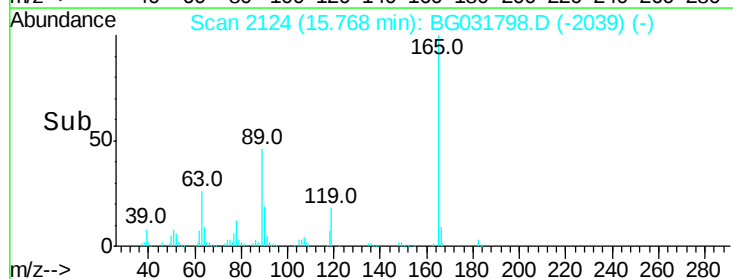
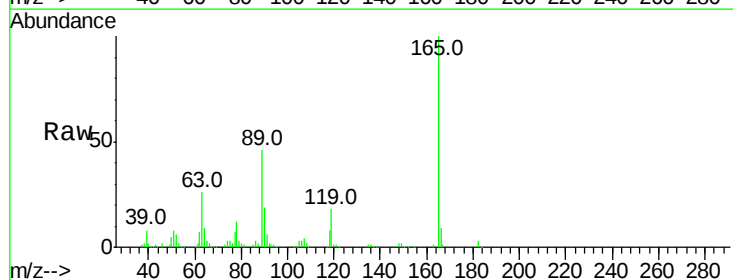
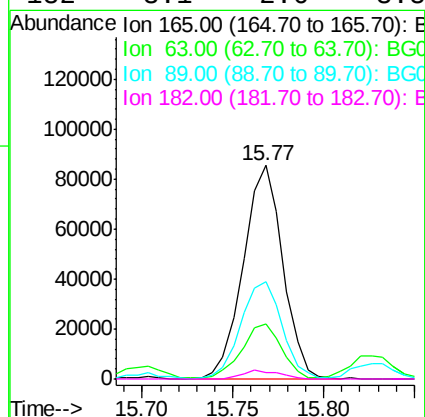
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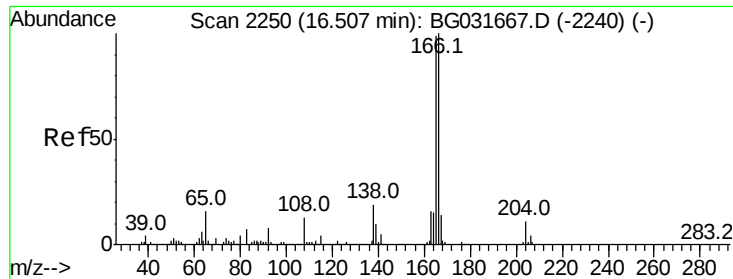
Sohil
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#56
2,4-Dinitrotoluene
Concen: 42.496 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.03 min
Lab File: BG031798.D
Acq: 27 Dec 2017 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	128703		
63	25.7	42.0	63.0	
89	45.8	66.9	100.3	
182	3.1	2.6	3.8	





#57

Fluorene

Concen: 32.711 ng

RT: 16.47 min Scan# 2244

Delta R.T. -0.03 min

Lab File: BG031798.D

Acq: 27 Dec 2017 16:07

Instrument :

BNA_G

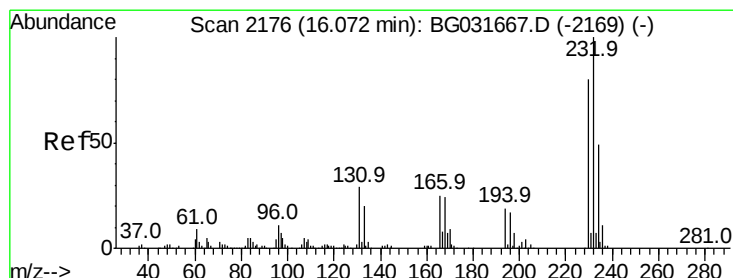
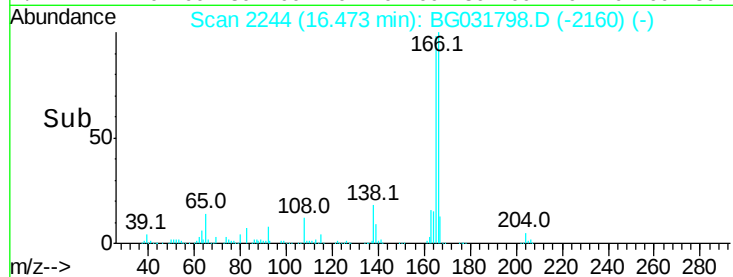
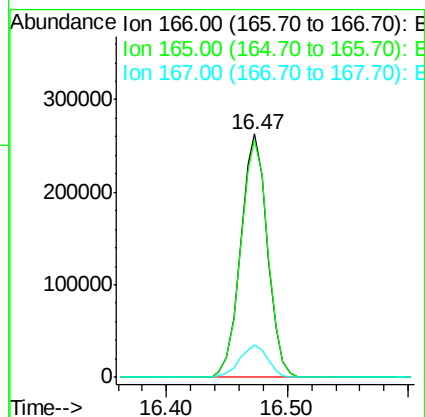
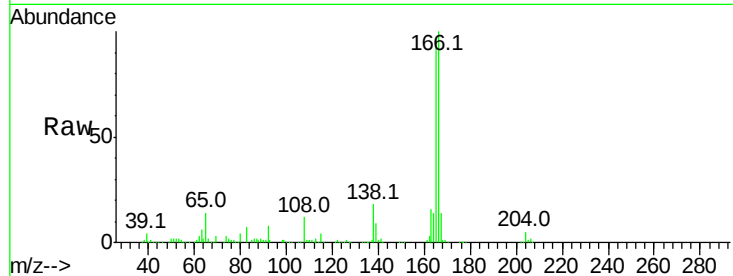
ClientSampleId :

PB105354BSD

Tot Ion:	166	Resp:	404093
Ion Ratio	Lower	Upper	
166	100		
165	97.2	80.6	121.0
167	13.6	10.4	15.6

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 38.250 ng

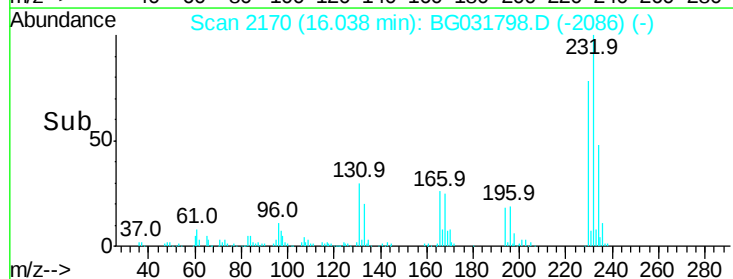
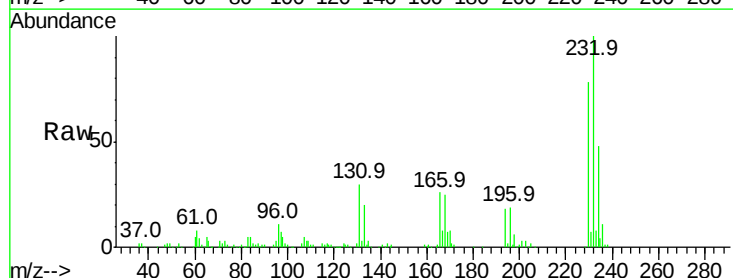
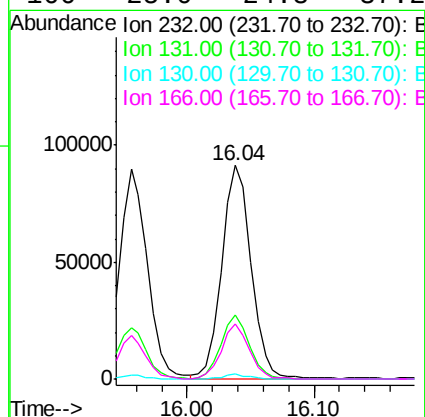
RT: 16.04 min Scan# 2170

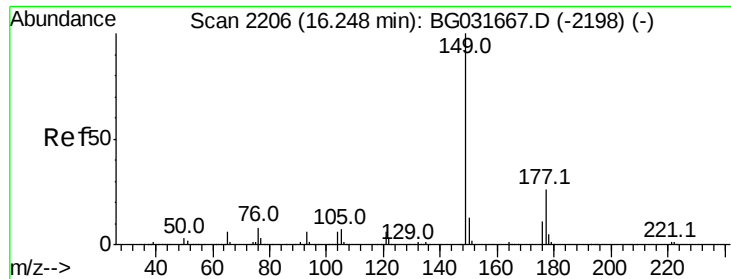
Delta R.T. -0.03 min

Lab File: BG031798.D

Acq: 27 Dec 2017 16:07

Tgt Ion:	232	Resp:	145966
Ion Ratio	Lower	Upper	
232	100		
131	29.5	33.5	50.3#
130	1.8	2.2	3.2#
166	25.0	24.8	37.2





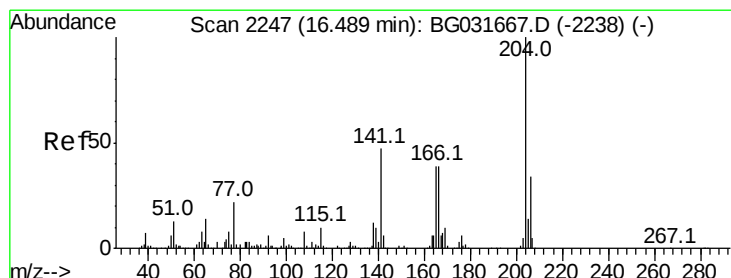
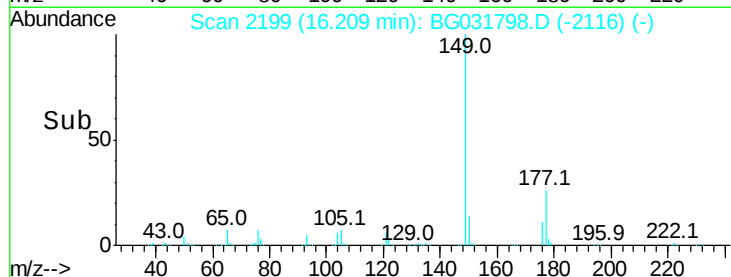
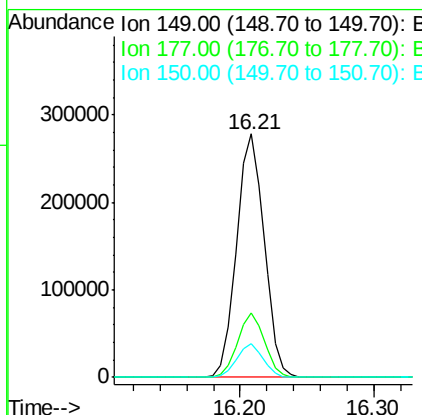
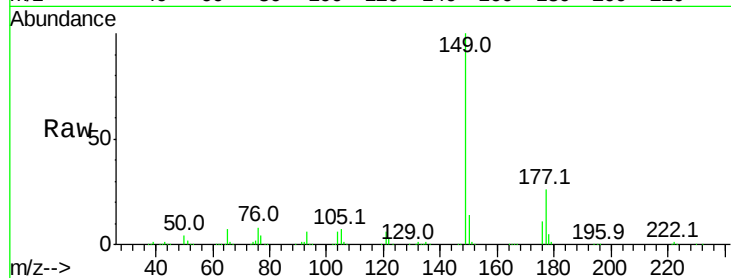
#59
Diethylphthalate
Concen: 31.926 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.04 min
Lab File: BG031798.D
Acq: 27 Dec 2017 16:07

Instrument :
BNA_G
ClientSampleId :
PB105354BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	26.4	18.5	27.7	
150	13.6	10.2	15.2	

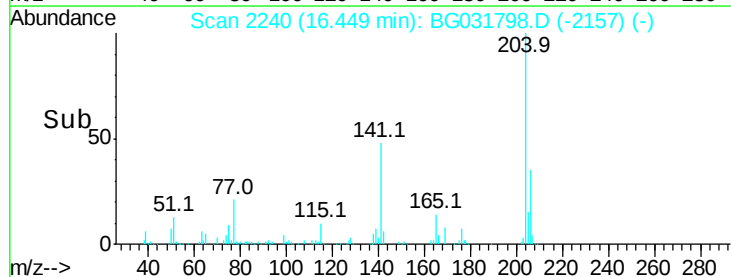
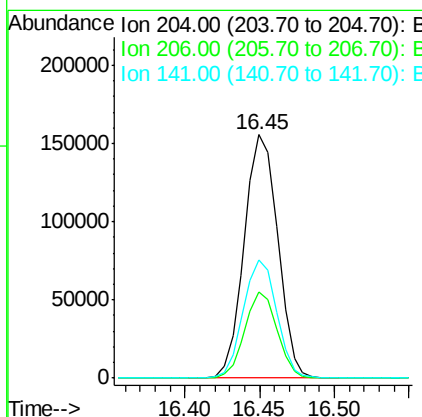
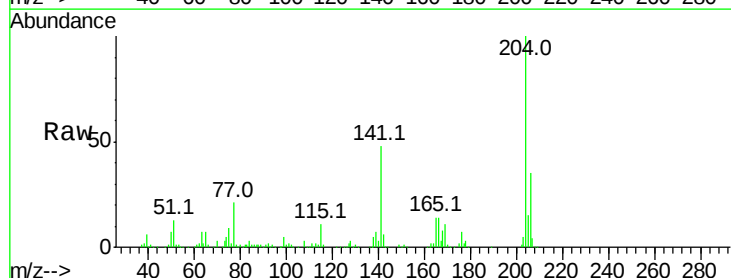
Manual Integrations
APPROVED

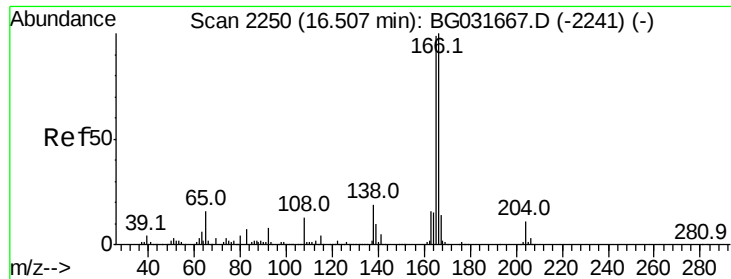
Sohil
12/28/2017 2:04:26 PM



#60
4-Chlorophenyl-phenylether
Concen: 31.981 ng
RT: 16.45 min Scan# 2240
Delta R.T. -0.04 min
Lab File: BG031798.D
Acq: 27 Dec 2017 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	35.3	26.2	39.2	
141	48.3	45.8	68.6	





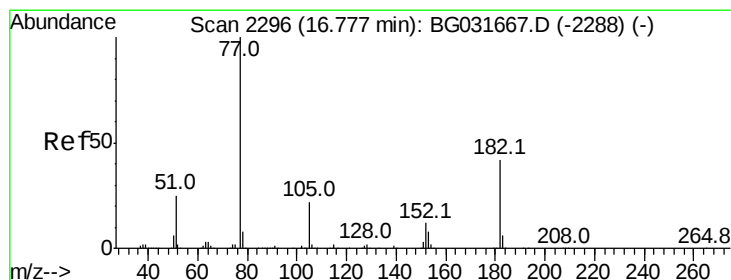
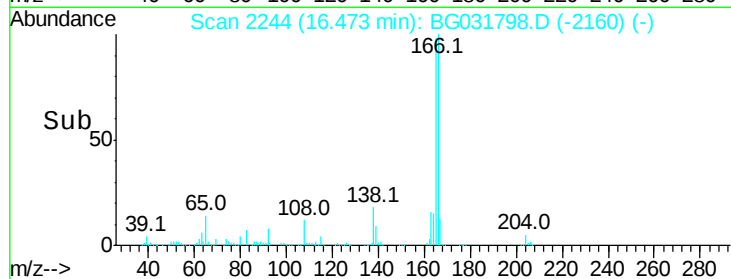
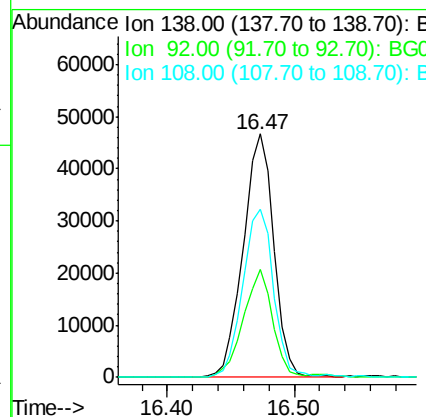
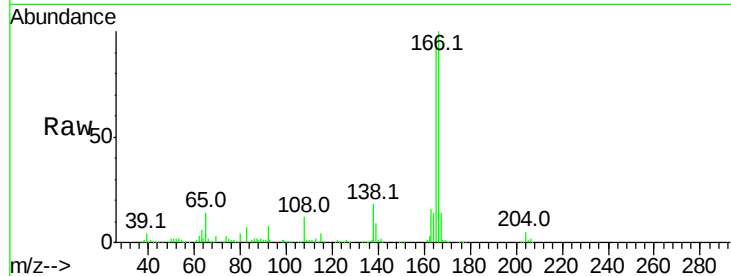
#61
4-Nitroaniline
Concen: 34.830 ng
RT: 16.47 min Scan# 2244
Delta R.T. -0.03 min
Lab File: BG031798.D
Acq: 27 Dec 2017 16:07

Instrument :
BNA_G
ClientSampleId :
PB105354BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	44.2	40.1	80.1
108	69.1	65.4	105.4

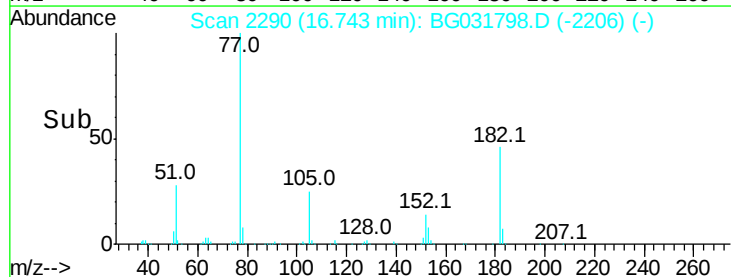
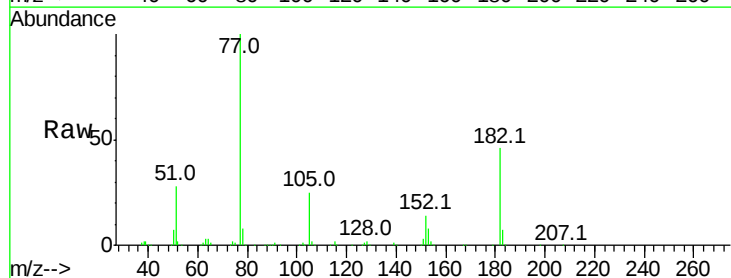
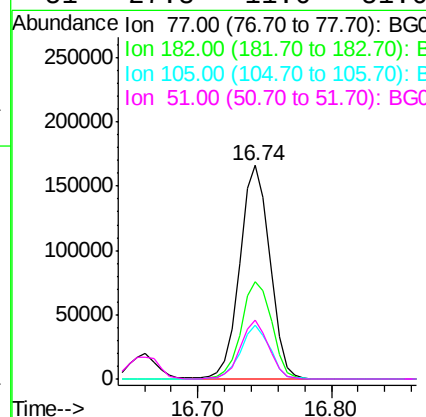
Manual Integrations
APPROVED

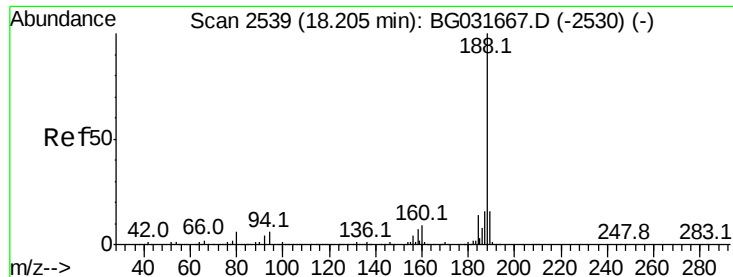
Sohil
12/28/2017 2:04:26 PM



#62
Azobenzene
Concen: 32.347 ng
RT: 16.74 min Scan# 2290
Delta R.T. -0.03 min
Lab File: BG031798.D
Acq: 27 Dec 2017 16:07

Tgt Ion	Ratio	Lower	Upper
77	100		
182	45.8	7.4	47.4
105	25.5	0.3	40.3
51	27.8	11.6	51.6





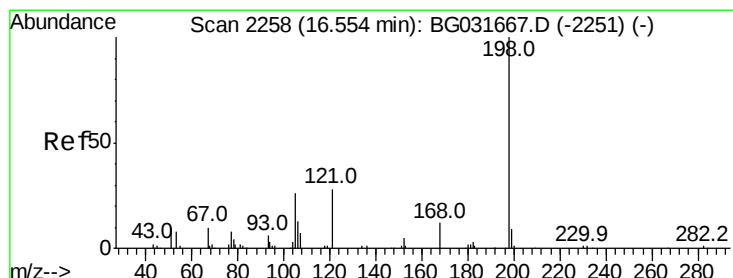
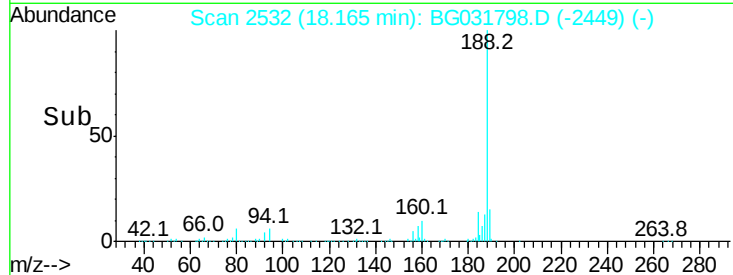
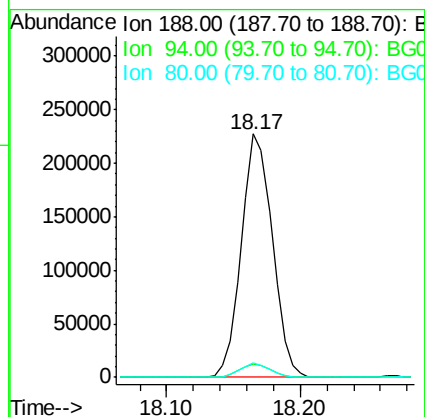
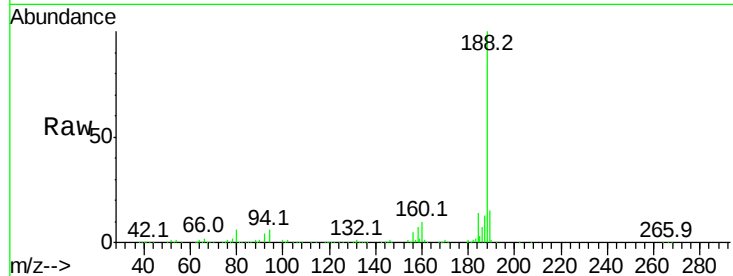
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.17 min Scan# 2532
Delta R.T. -0.04 min
Lab File: BG031798.D
Acq: 27 Dec 2017 16:07

Instrument :
BNA_G
ClientSampleId :
PB105354BSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	5.6	6.9	10.3#
80	6.2	7.7	11.5#

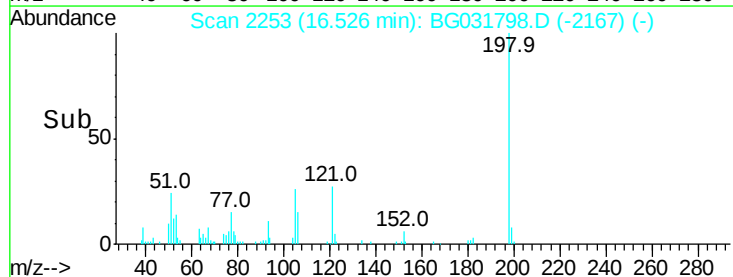
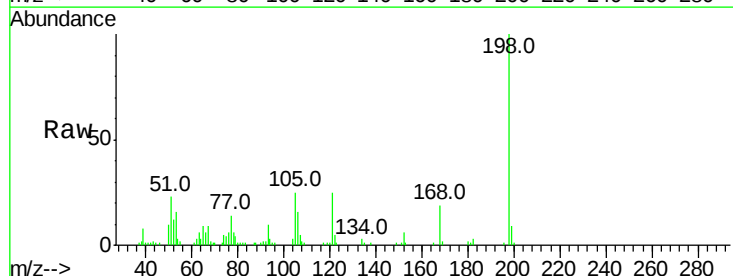
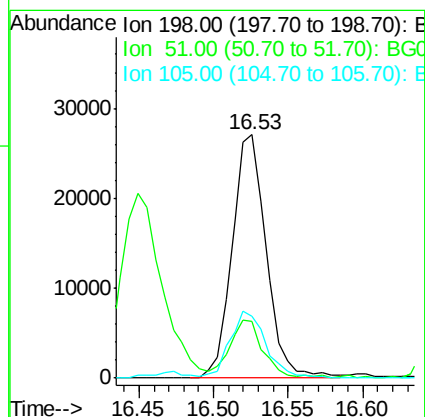
Manual Integrations
APPROVED

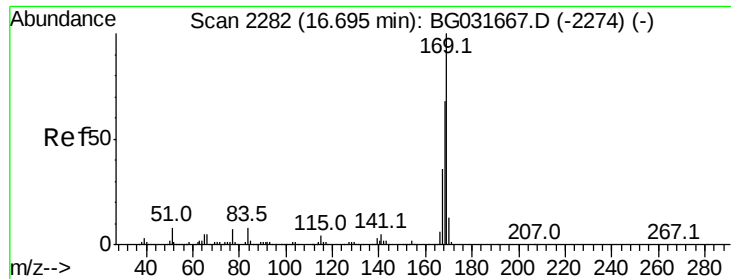
Sohil
12/28/2017 2:04:26 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 28.427 ng
RT: 16.53 min Scan# 2253
Delta R.T. -0.03 min
Lab File: BG031798.D
Acq: 27 Dec 2017 16:07

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	23.1	30.6	70.6#
105	25.2	23.8	63.8





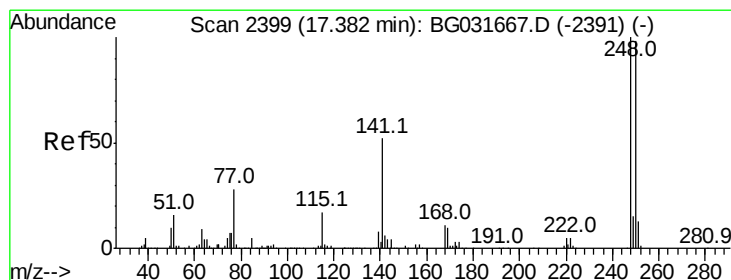
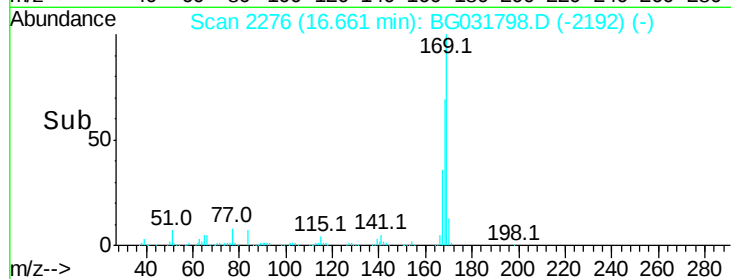
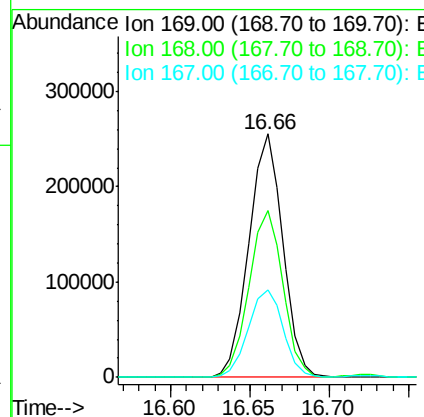
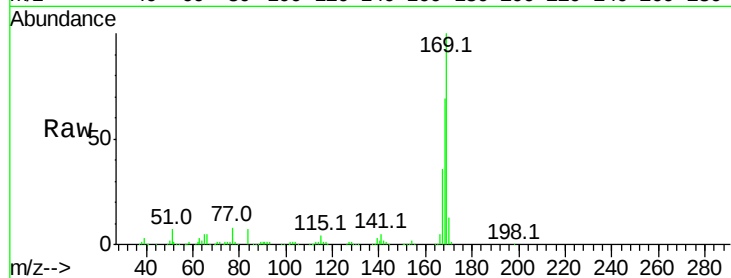
#65
n-Nitrosodiphenylamine
Concen: 31.436 ng
RT: 16.66 min Scan# 2276
Delta R.T. -0.03 min
Lab File: BG031798.D
Acq: 27 Dec 2017 16:07

Instrument :
BNA_G
ClientSampleId :
PB105354BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	68.6	55.7	83.5	
167	35.7	30.1	45.1	

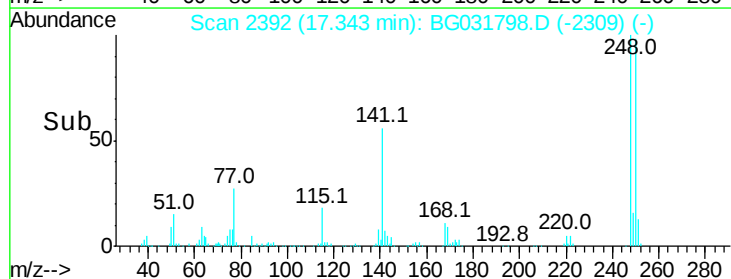
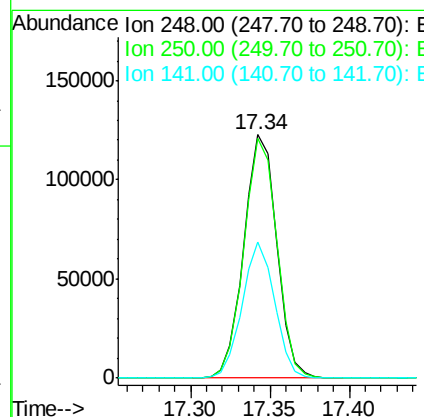
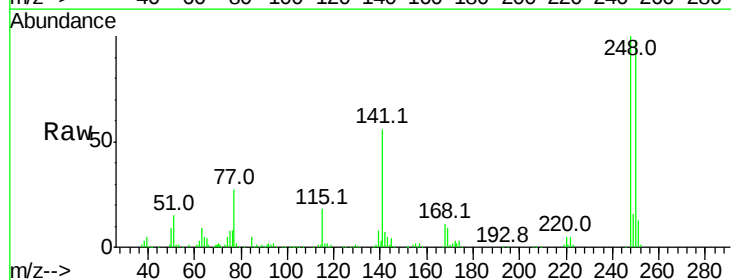
Manual Integrations
APPROVED

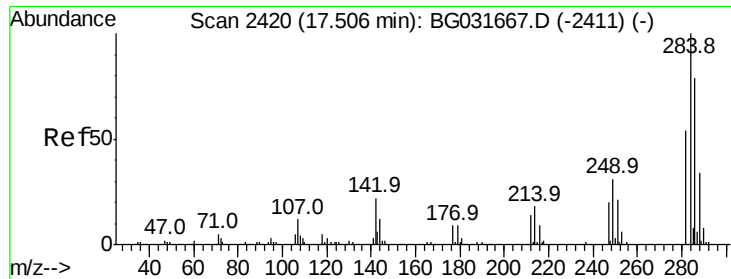
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 33.559 ng
RT: 17.34 min Scan# 2392
Delta R.T. -0.04 min
Lab File: BG031798.D
Acq: 27 Dec 2017 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	98.4	77.1	115.7	
141	55.8	50.8	76.2	





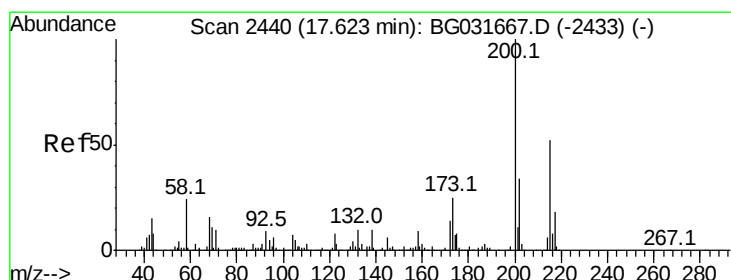
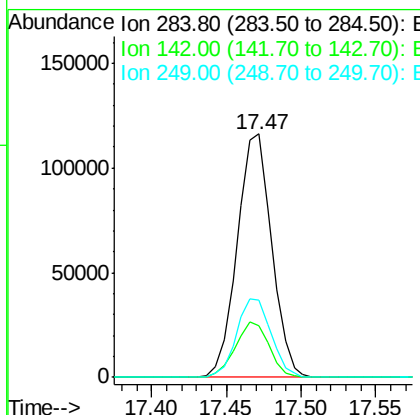
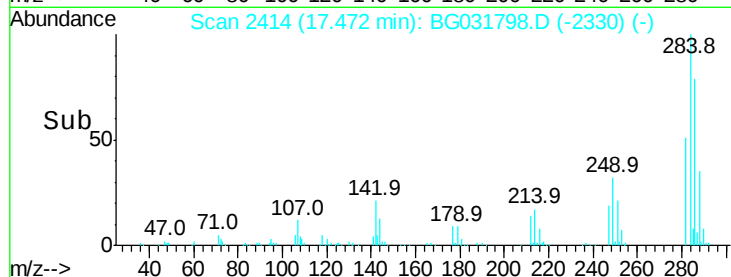
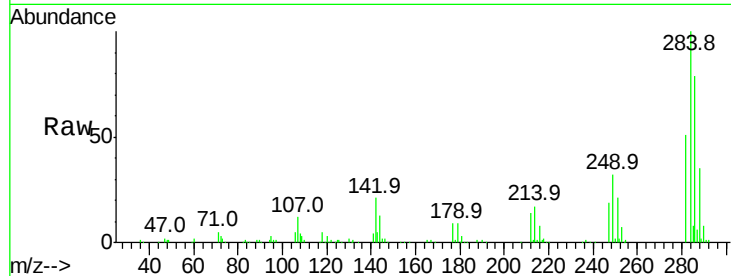
#67
Hexachlorobenzene
Concen: 34.526 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.03 min
Lab File: BG031798.D
Acq: 27 Dec 2017 16:07

Instrument :
BNA_G
ClientSampleId :
PB105354BSD

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	21.4	26.8	40.2#
249	31.8	26.3	39.5

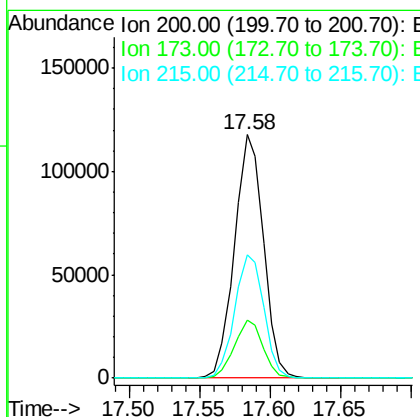
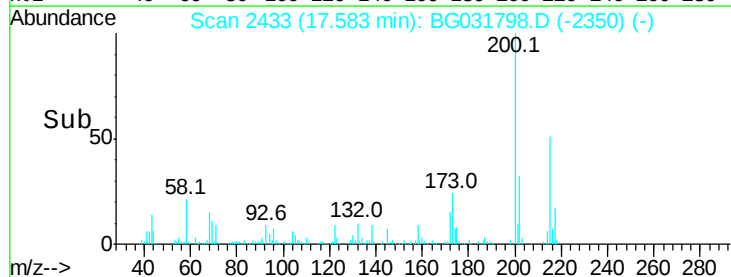
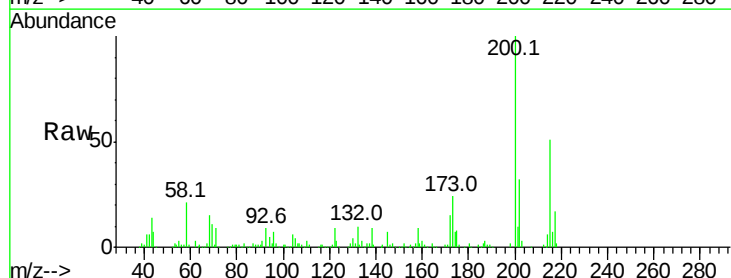
Manual Integrations
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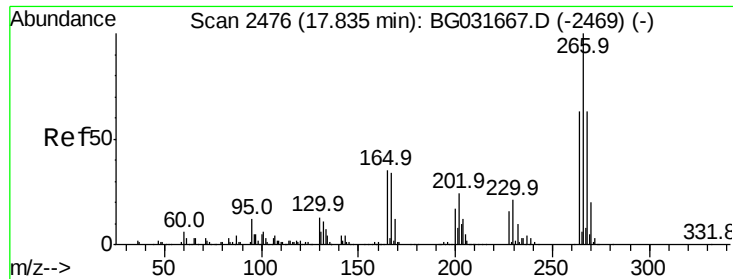
Sohil
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#68
Atrazine
Concen: 35.706 ng
RT: 17.58 min Scan# 2433
Delta R.T. -0.04 min
Lab File: BG031798.D
Acq: 27 Dec 2017 16:07

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	23.8	5.2	45.2
215	50.9	30.4	70.4





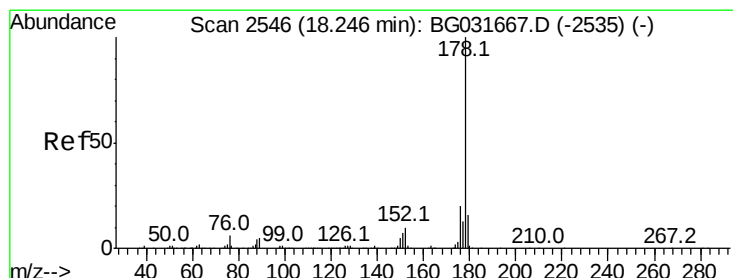
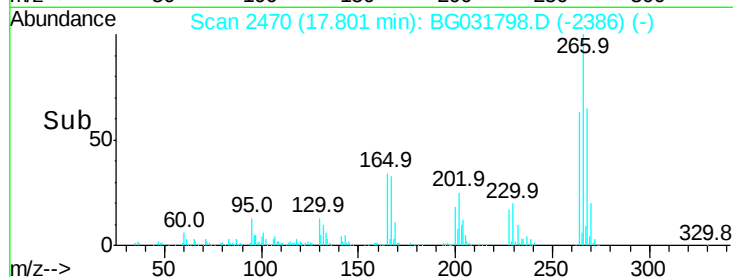
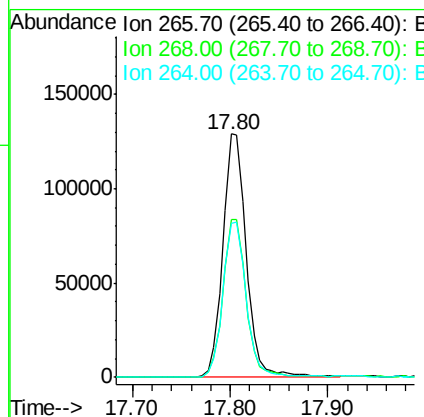
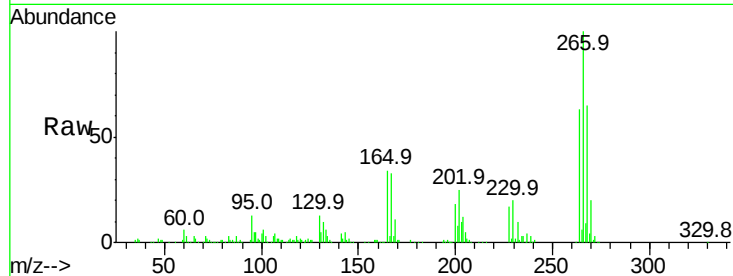
#69
 Pentachlorophenol
 Concen: 58.295 ng
 RT: 17.80 min Scan# 2470
 Delta R.T. -0.03 min
 Lab File: BG031798.D
 Acq: 27 Dec 2017 16:07

Instrument :
 BNA_G
 ClientSampleId :
 PB105354BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	216280		
268	64.7	51.1	76.7	
264	63.4	49.6	74.4	

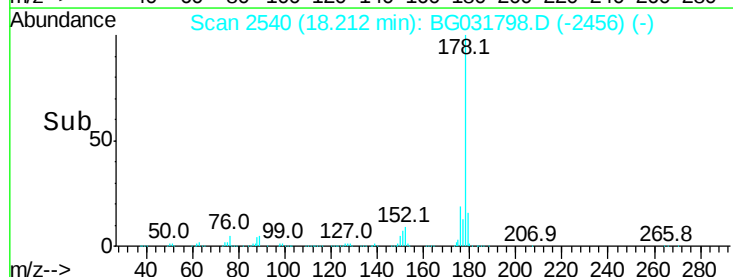
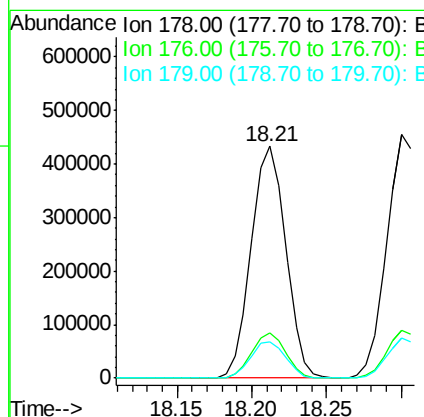
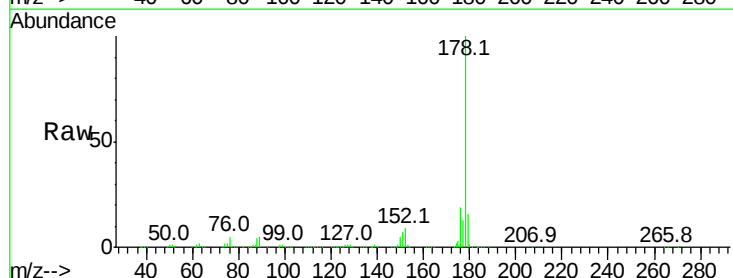
Manual Integrations
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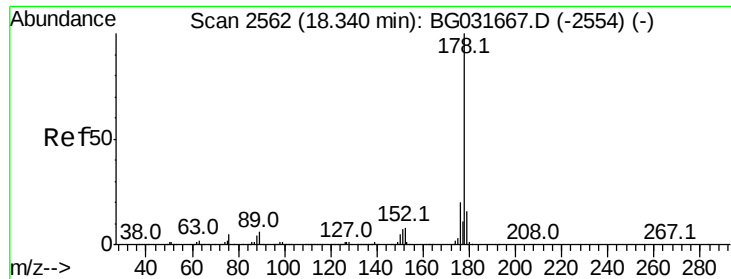
Sohil
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#70
 Phenanthrene
 Concen: 33.663 ng
 RT: 18.21 min Scan# 2540
 Delta R.T. -0.03 min
 Lab File: BG031798.D
 Acq: 27 Dec 2017 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	695148		
176	19.4	15.7	23.5	
179	15.6	12.5	18.7	





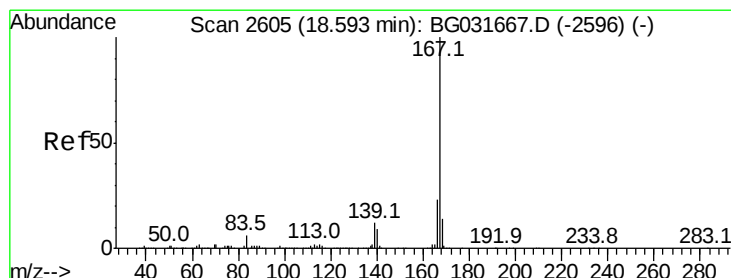
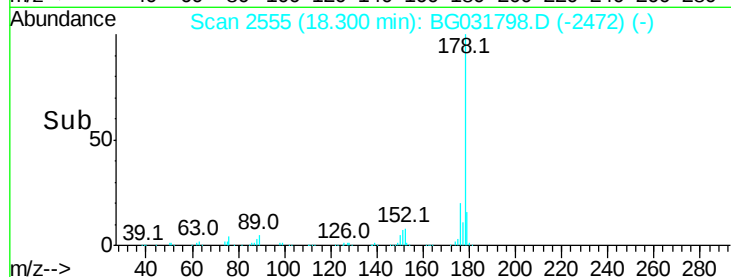
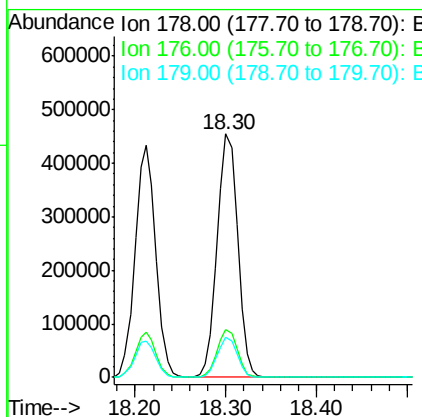
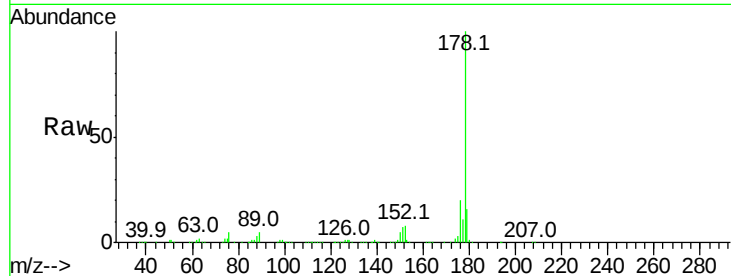
#71
 Anthracene
 Concen: 34.301 ng
 RT: 18.30 min Scan# 2555
 Delta R.T. -0.04 min
 Lab File: BG031798.D
 Acq: 27 Dec 2017 16:07

Instrument :
 BNA_G
 ClientSampleId :
 PB105354BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.0	24.0
179	16.4	12.5	18.7

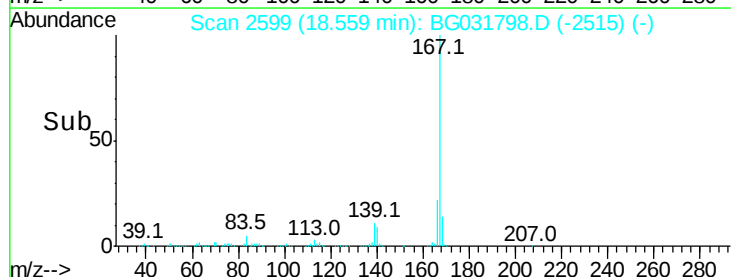
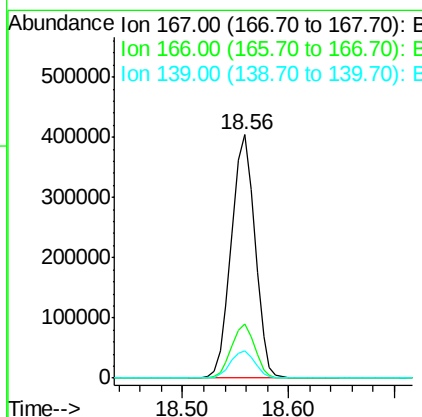
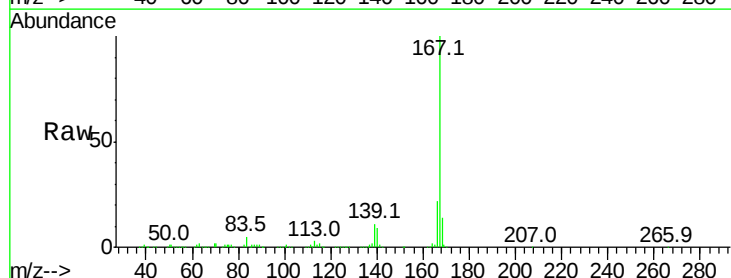
Manual Integrations
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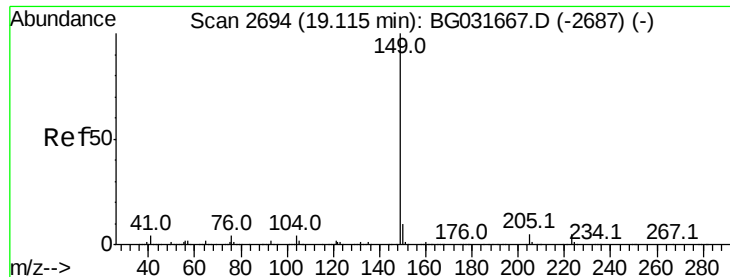
Sohil
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#72
 Carbazole
 Concen: 33.941 ng
 RT: 18.56 min Scan# 2599
 Delta R.T. -0.03 min
 Lab File: BG031798.D
 Acq: 27 Dec 2017 16:07

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.2	27.4
139	11.3	9.4	14.2





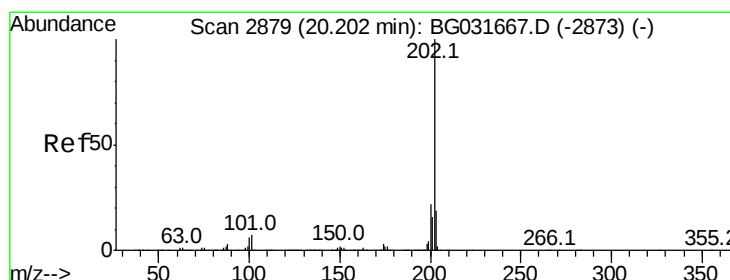
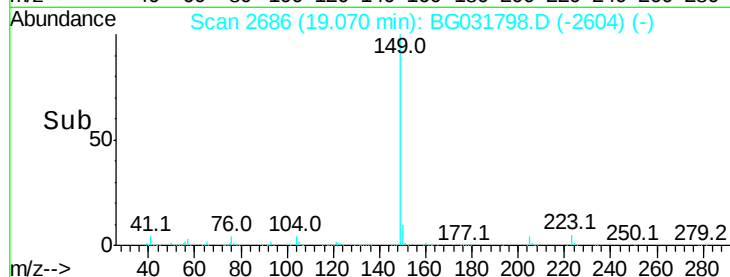
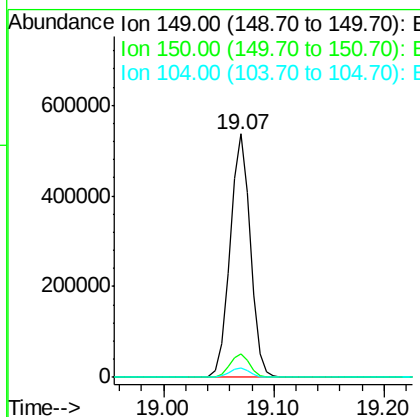
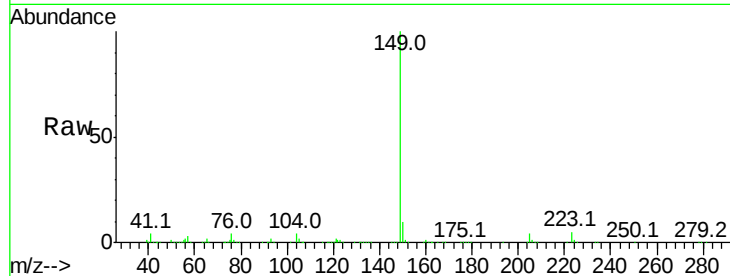
#73
Di-n-butylphthalate
Concen: 33.726 ng
RT: 19.07 min Scan# 2686
Delta R.T. -0.05 min
Lab File: BG031798.D
Acq: 27 Dec 2017 16:07

Instrument :
BNA_G
ClientSampleId :
PB105354BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	691033		
150	9.6	7.8	11.6	
104	4.0	3.9	5.9	

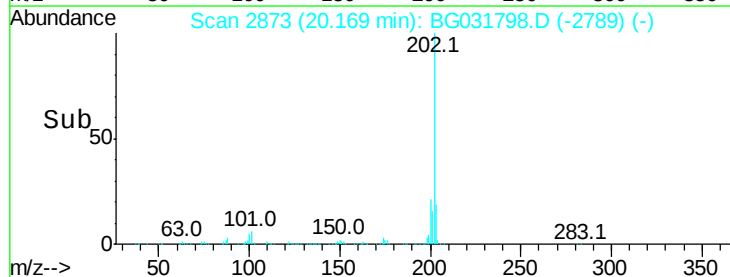
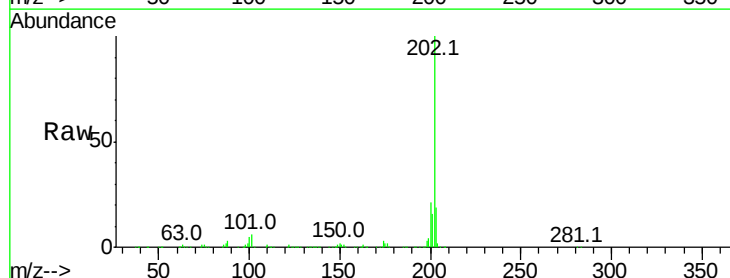
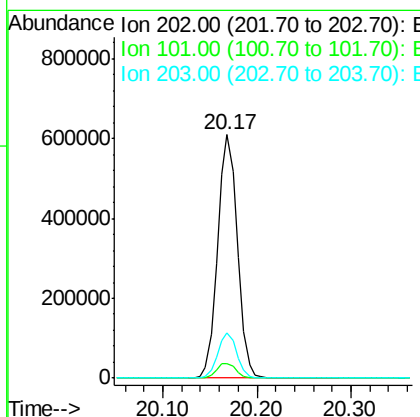
Manual Integrations
APPROVED

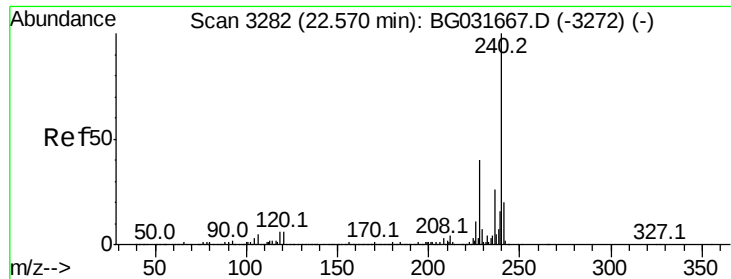
Sohil
12/28/2017 2:04:26 PM



#74
Fluoranthene
Concen: 35.284 ng
RT: 20.17 min Scan# 2873
Delta R.T. -0.03 min
Lab File: BG031798.D
Acq: 27 Dec 2017 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	894023		
101	6.1	0.0	28.9	
203	18.5	0.0	37.5	





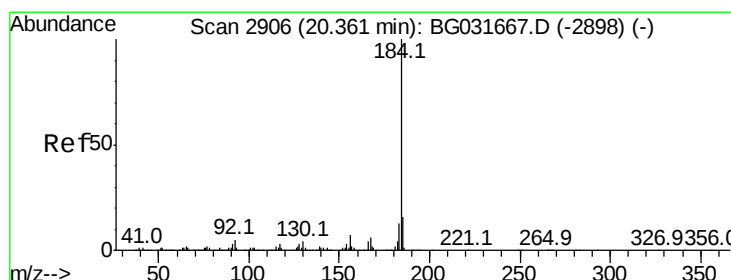
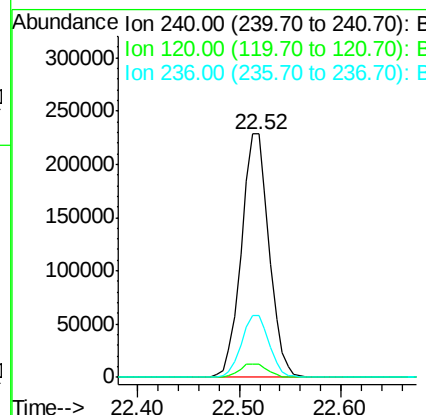
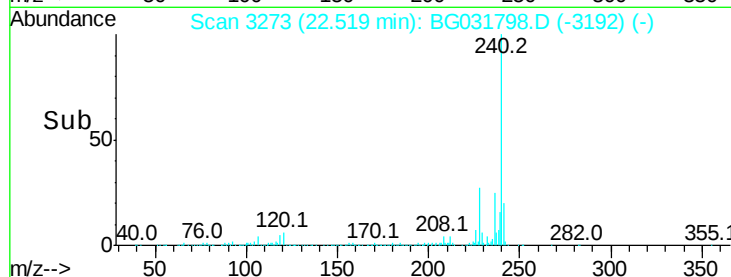
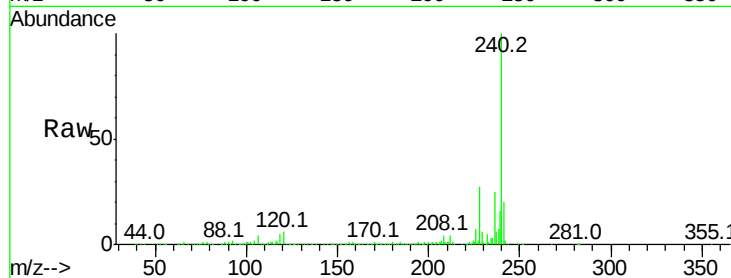
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.52 min Scan# 3273
Delta R.T. -0.05 min
Lab File: BG031798.D
Acq: 27 Dec 2017 16:07

Instrument :
BNA_G
ClientSampleId :
PB105354BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.7	6.8	10.2#
236	25.2	20.9	31.3

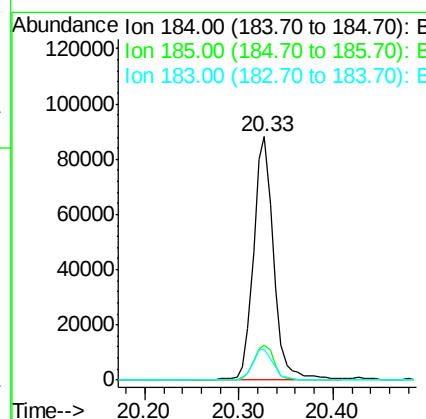
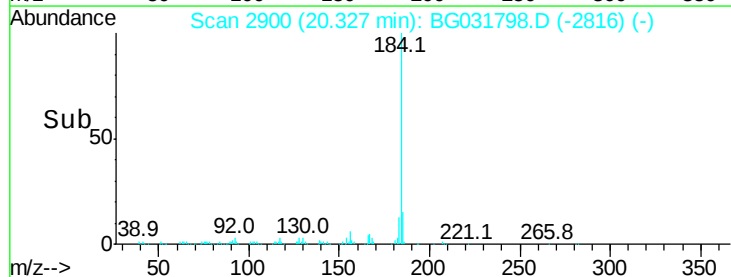
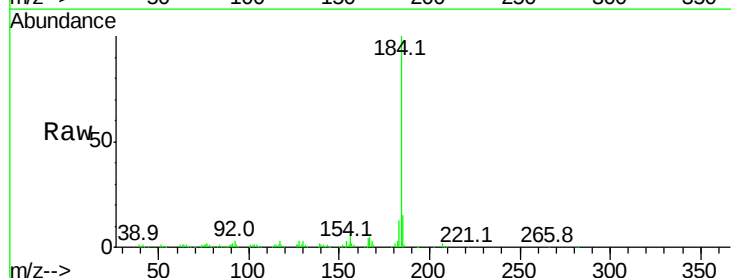
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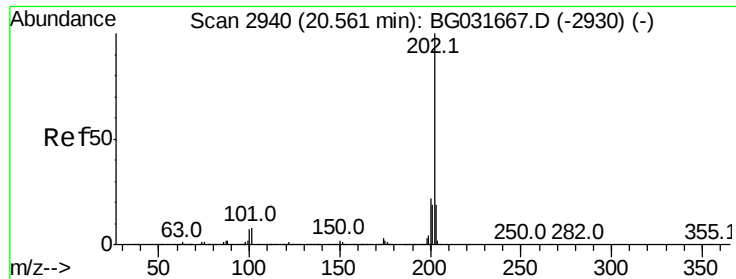
Sohil
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#76
Benzidine
Concen: 9.796 ng
RT: 20.33 min Scan# 2900
Delta R.T. -0.03 min
Lab File: BG031798.D
Acq: 27 Dec 2017 16:07

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.1	16.7
183	12.8	10.6	16.0





#77

Pvrene

Concen: 32.678 ng

RT: 20.53 min Scan# 2934

Delta R.T. -0.03 min

Lab File: BG031798.D

Acq: 27 Dec 2017 16:07

Instrument :

BNA_G

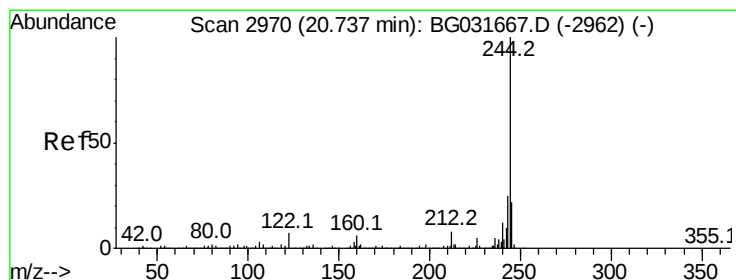
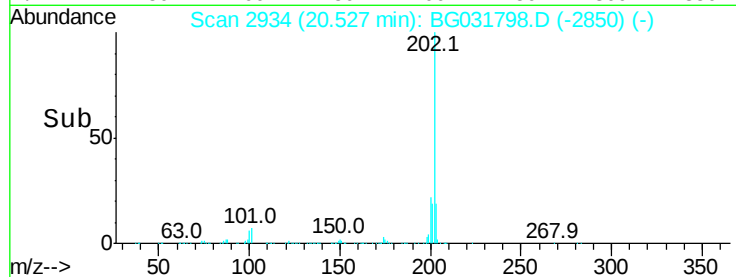
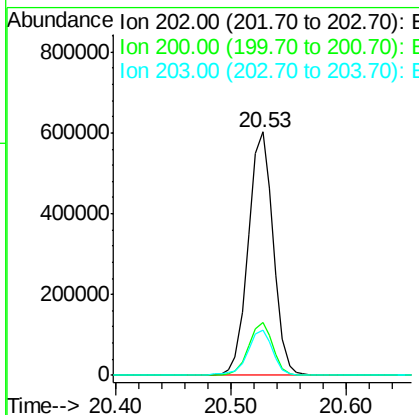
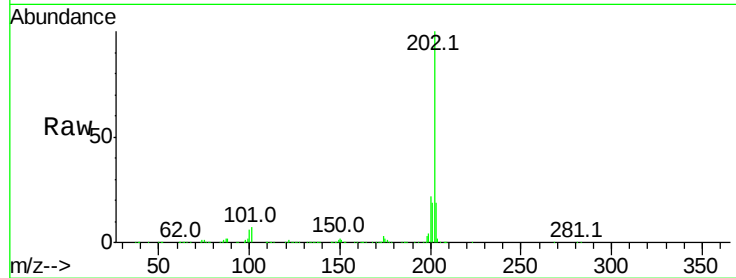
ClientSampleId :

PB105354BSD

Tot Ion:	202	Resp:	903409
Ion Ratio		Lower	Upper
202	100		
200	21.7	16.9	25.3
203	18.6	13.9	20.9

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#78

Terphenyl-d14

Concen: 71.924 ng

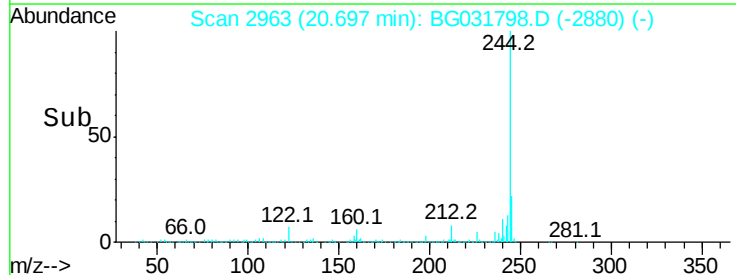
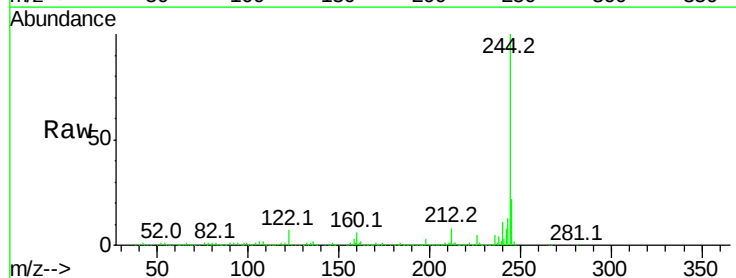
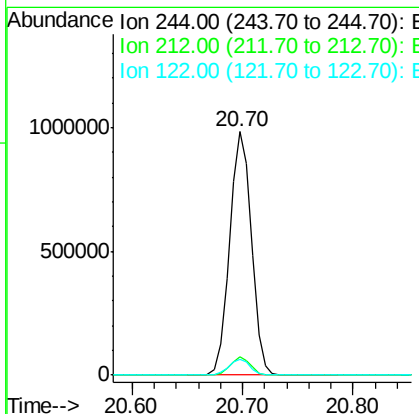
RT: 20.70 min Scan# 2963

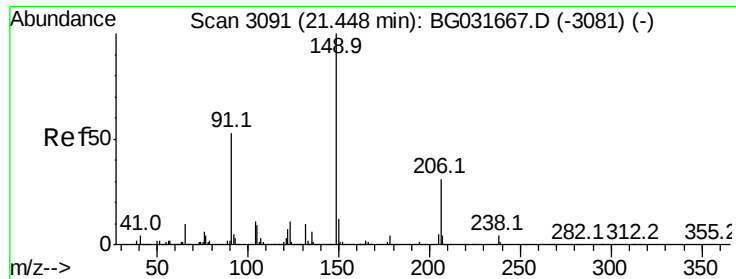
Delta R.T. -0.04 min

Lab File: BG031798.D

Acq: 27 Dec 2017 16:07

Tgt Ion:	244	Resp:	1362510
Ion Ratio		Lower	Upper
244	100		
212	7.7	5.8	8.8
122	6.6	7.0	10.4#





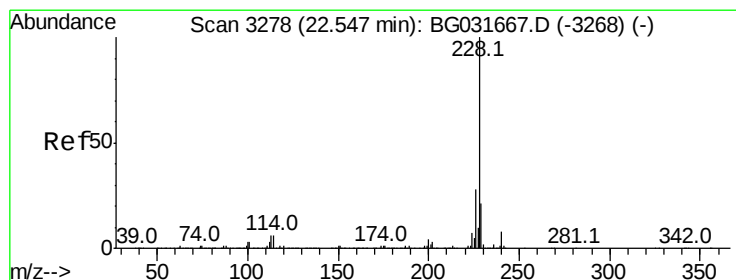
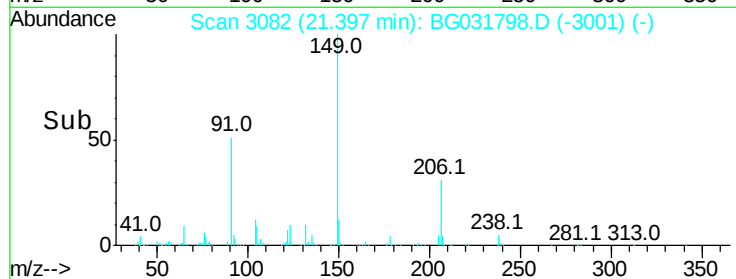
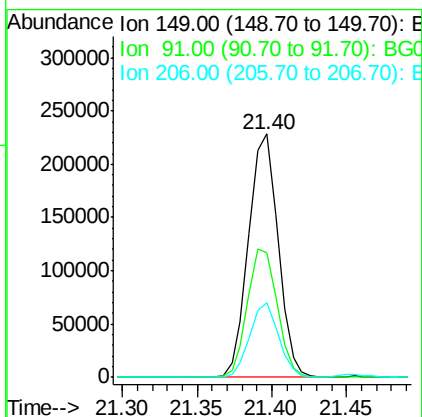
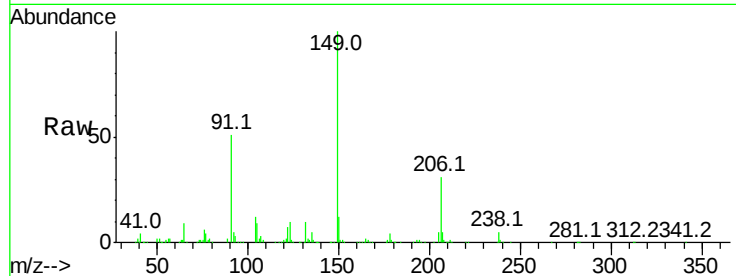
#79
Butylbenzylphthalate
Concen: 33.736 ng
RT: 21.40 min Scan# 3082
Delta R.T. -0.05 min
Lab File: BG031798.D
Acq: 27 Dec 2017 16:07

Instrument :
BNA_G
ClientSampleId :
PB105354BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	51.3	62.2	93.2#	
206	30.6	18.6	27.8#	

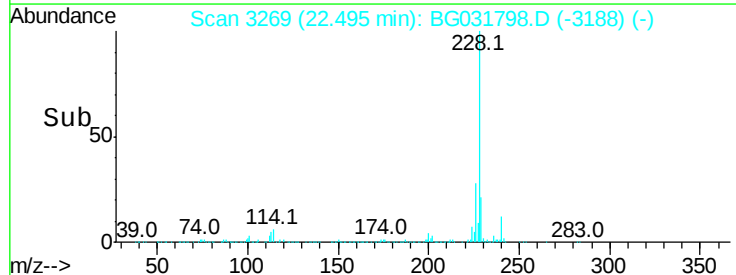
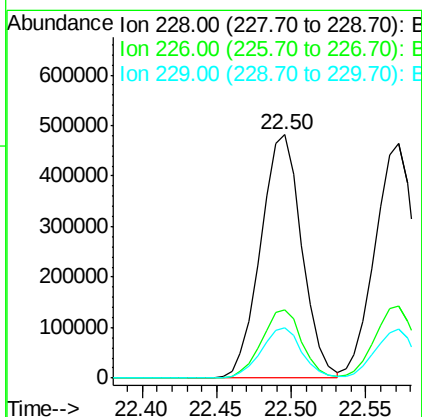
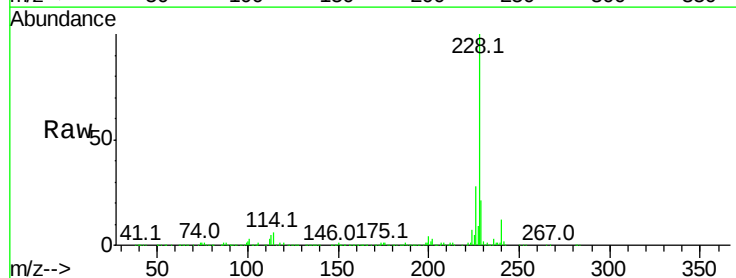
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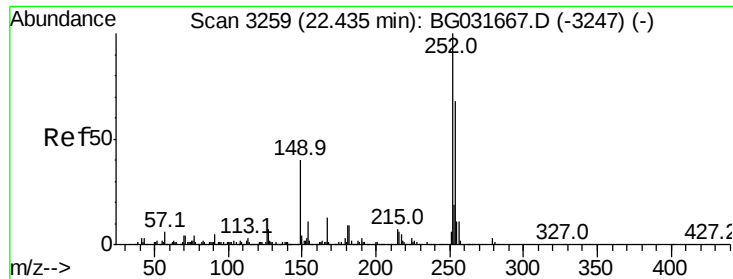
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#80
Benzo(a)anthracene
Concen: 33.555 ng
RT: 22.50 min Scan# 3269
Delta R.T. -0.05 min
Lab File: BG031798.D
Acq: 27 Dec 2017 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	28.2	22.7	34.1	
229	20.7	16.2	24.2	





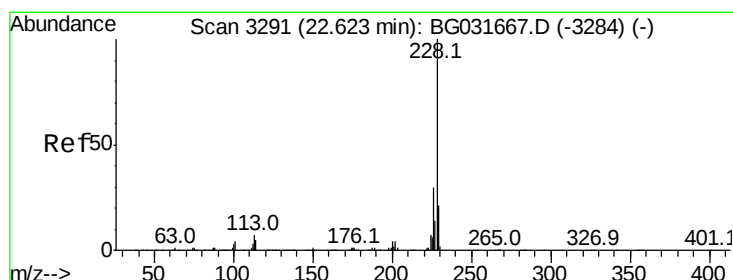
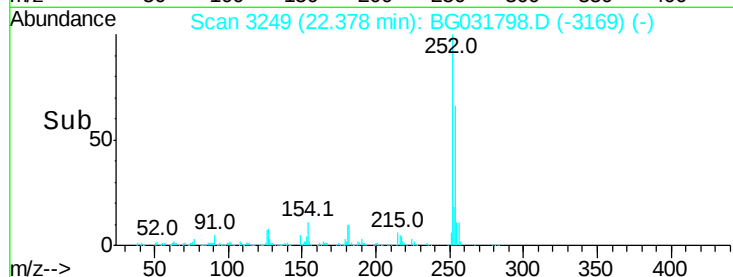
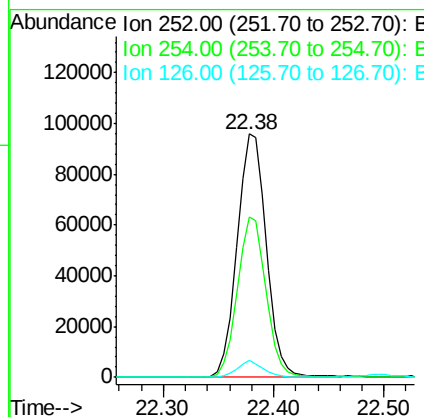
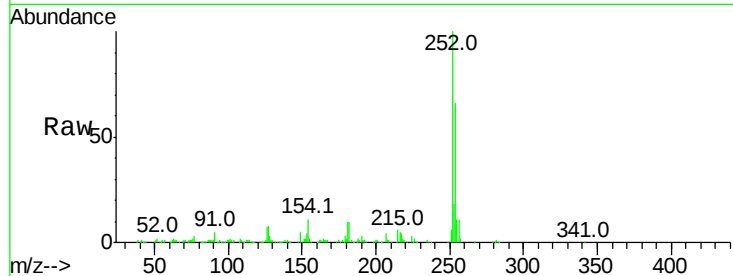
#81
 3,3'-Dichlorobenzidine
 Concen: 16.728 ng
 RT: 22.38 min Scan# 3249
 Delta R.T. -0.06 min
 Lab File: BG031798.D
 Acq: 27 Dec 2017 16:07

Instrument :
 BNA_G
 ClientSampleId :
 PB105354BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	178559		
254	65.7	50.8	76.2	
126	6.8	7.4	11.2	

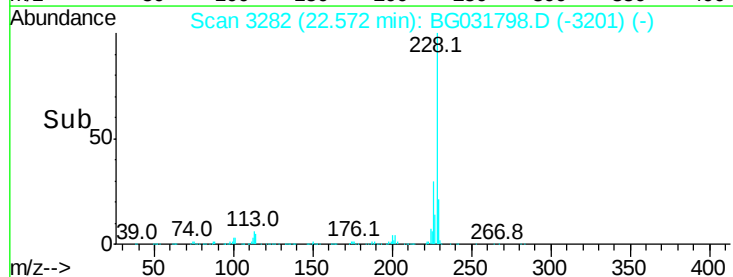
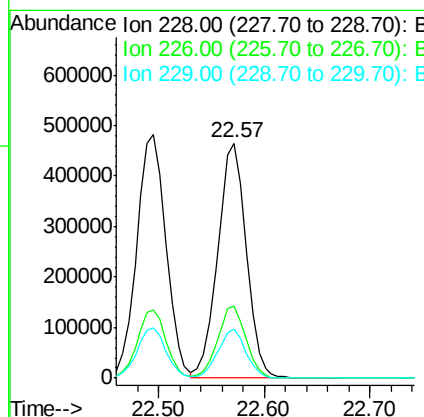
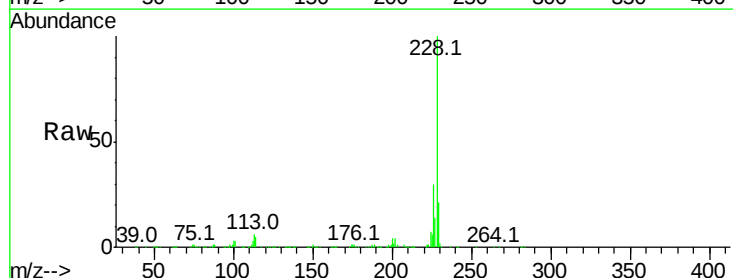
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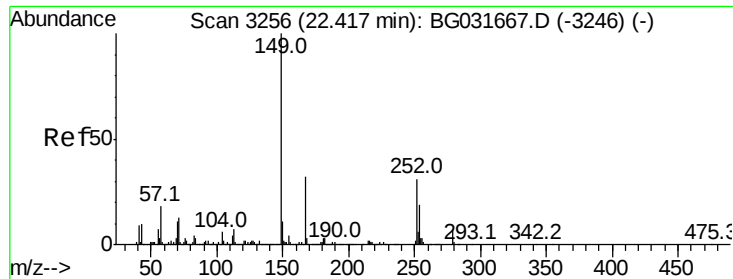
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#82
 Chrysene
 Concen: 33.514 ng
 RT: 22.57 min Scan# 3282
 Delta R.T. -0.05 min
 Lab File: BG031798.D
 Acq: 27 Dec 2017 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	872998		
226	30.5	24.9	37.3	
229	21.1	15.0	22.4	





#83

Bis(2-ethylhexyl)phthalate

Concen: 33.164 ng

RT: 22.34 min Scan# 3243

Delta R.T. -0.07 min

Lab File: BG031798.D

Acq: 27 Dec 2017 16:07

Instrument :

BNA_G

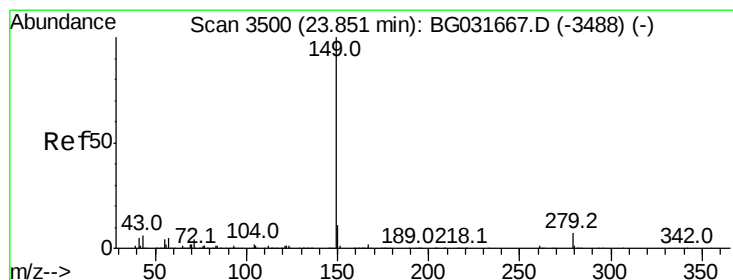
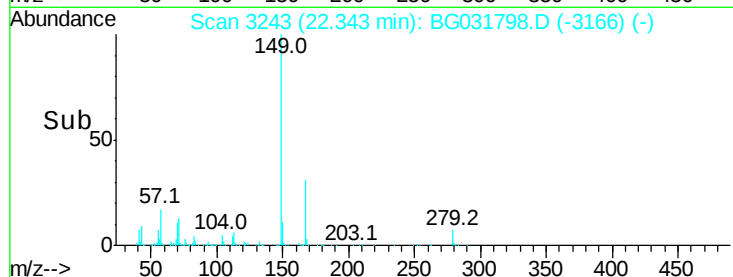
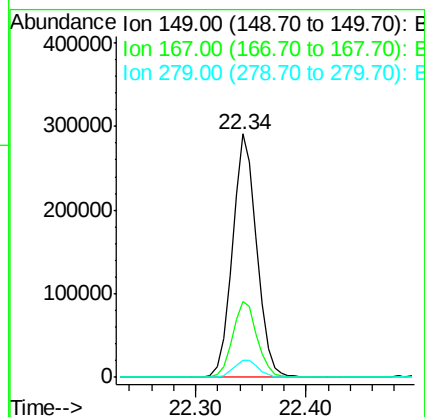
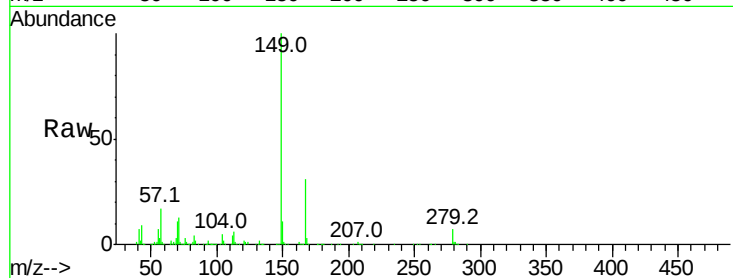
ClientSampleId :

PB105354BSD

Tot Ion:	149	Resp:	445917
Ion Ratio	Lower	Upper	
149	100		
167	31.0	24.3	36.5
279	6.9	4.0	6.0#

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#84

Di-n-octyl phthalate

Concen: 34.412 ng

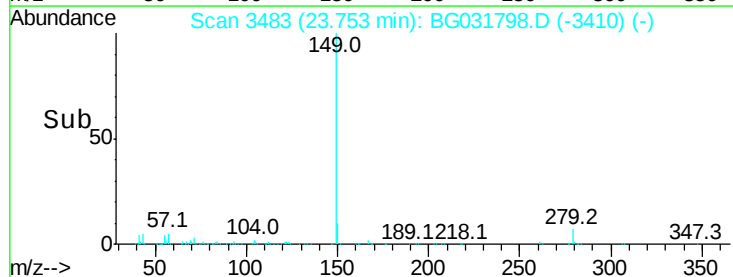
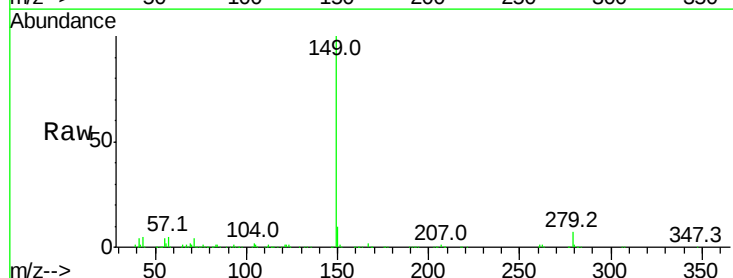
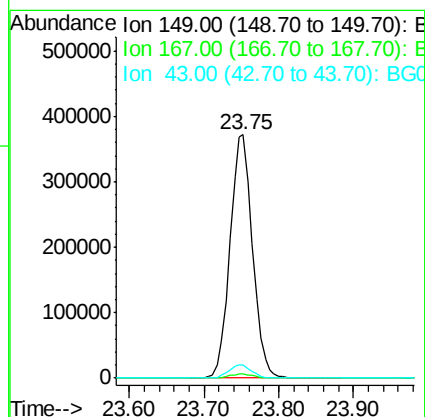
RT: 23.75 min Scan# 3483

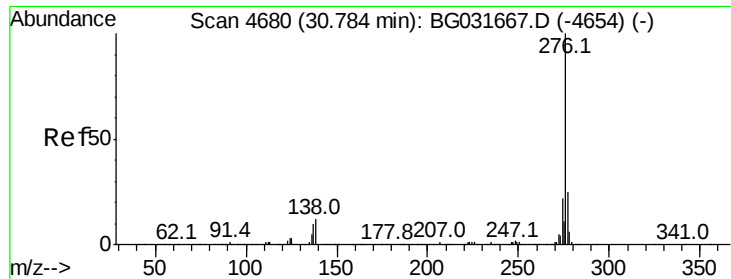
Delta R.T. -0.10 min

Lab File: BG031798.D

Acq: 27 Dec 2017 16:07

Tgt Ion:	149	Resp:	779249
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.0
43	5.5	8.9	13.3#





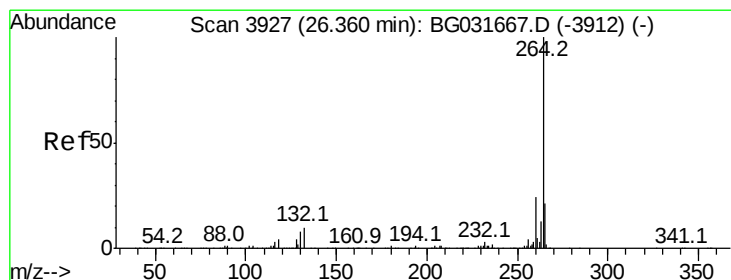
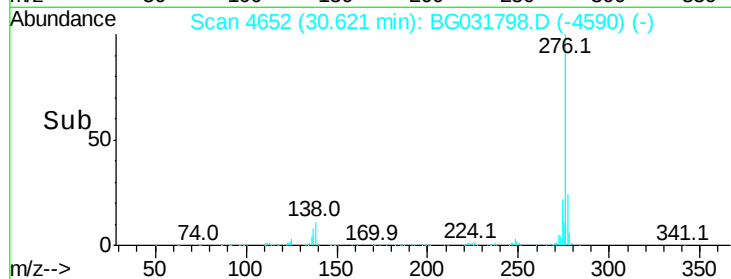
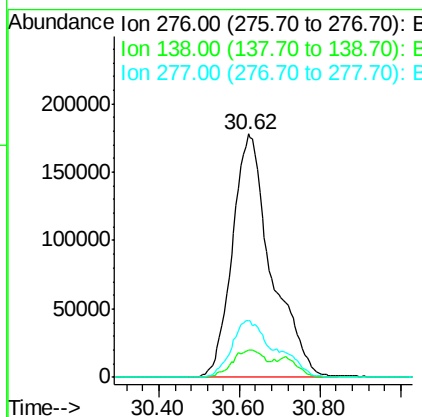
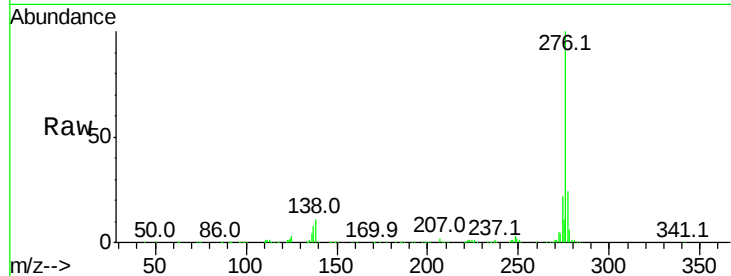
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.699 ng
 RT: 30.62 min Scan# 4652
 Delta R.T. -0.16 min
 Lab File: BG031798.D
 Acq: 27 Dec 2017 16:07

Instrument :
 BNA_G
 ClientSampleId :
 PB105354BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	9.6	16.0	24.0#
277	21.8	20.0	30.0

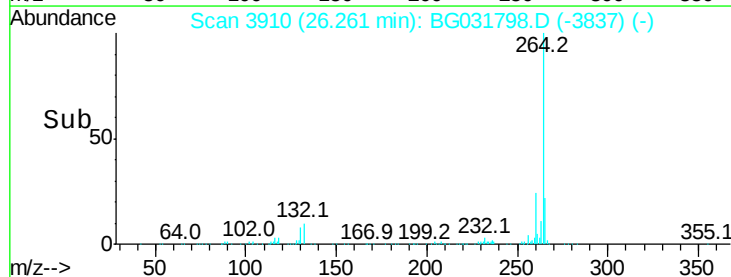
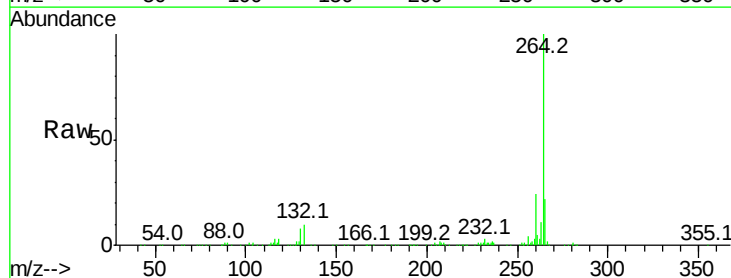
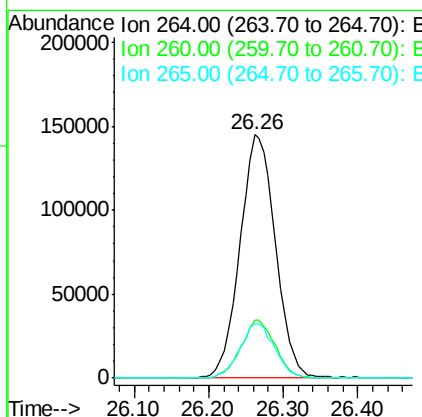
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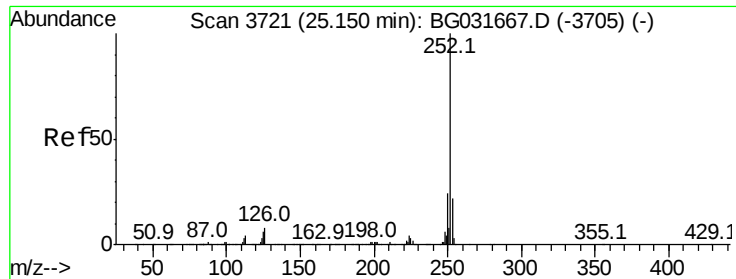
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.26 min Scan# 3910
 Delta R.T. -0.10 min
 Lab File: BG031798.D
 Acq: 27 Dec 2017 16:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	22.2	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 34.116 ng

RT: 25.06 min Scan# 3706

Delta R.T. -0.09 min

Lab File: BG031798.D

Acq: 27 Dec 2017 16:07

Instrument :

BNA_G

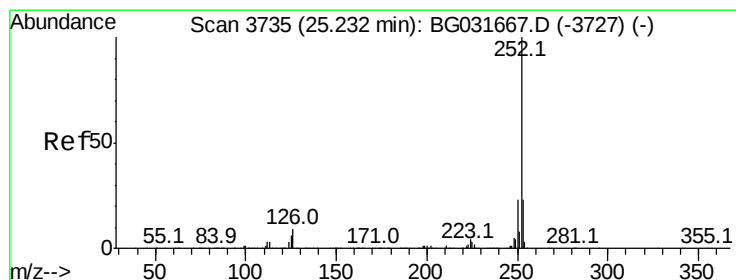
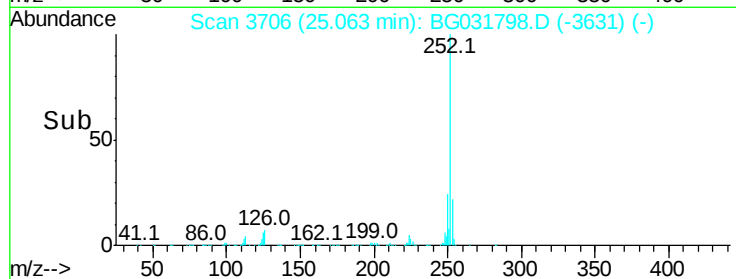
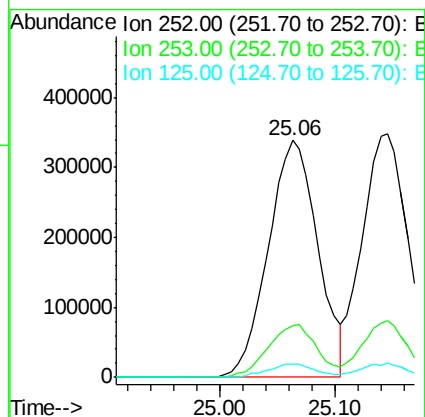
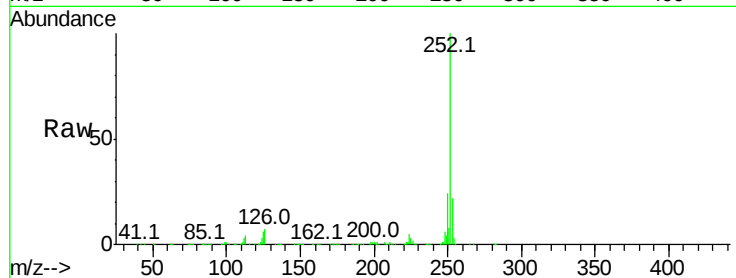
ClientSampleId :

PB105354BSD

Tot Ion:252	Resp: 1010444
Ion Ratio	Lower Upper
252 100	
253 22.1	18.2 27.4
125 5.7	7.2 10.8#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 32.559 ng

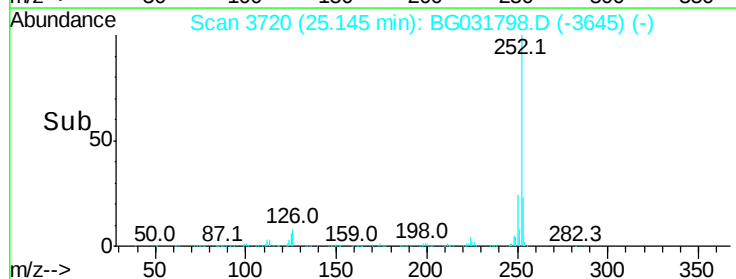
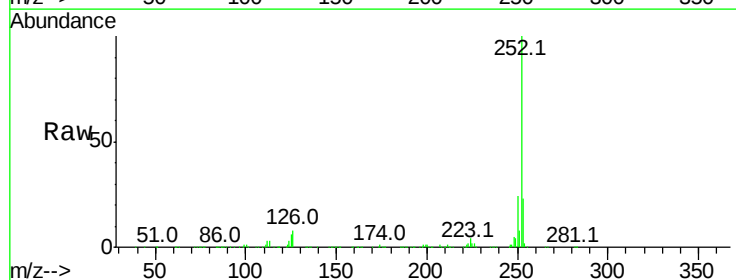
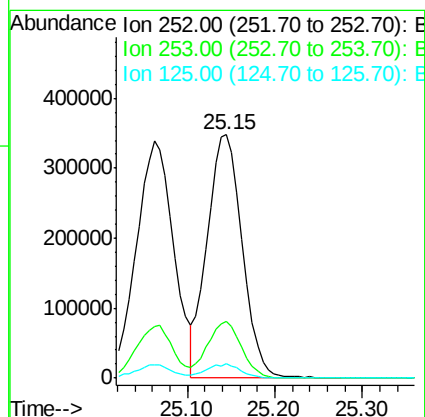
RT: 25.15 min Scan# 3720

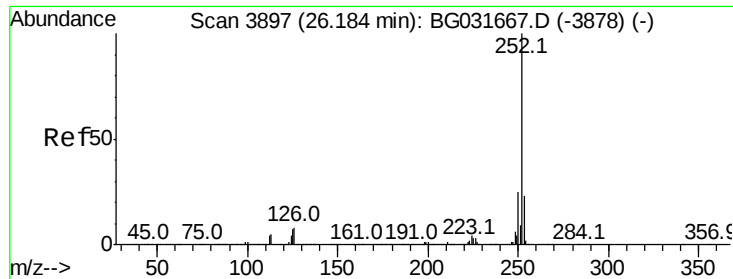
Delta R.T. -0.09 min

Lab File: BG031798.D

Acq: 27 Dec 2017 16:07

Tgt Ion:252	Resp: 965077
Ion Ratio	Lower Upper
252 100	
253 23.2	17.4 26.2
125 5.7	6.6 9.8#





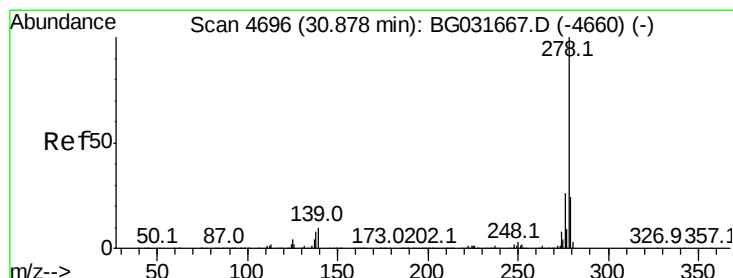
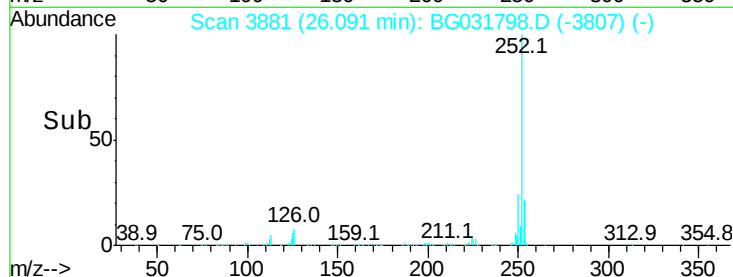
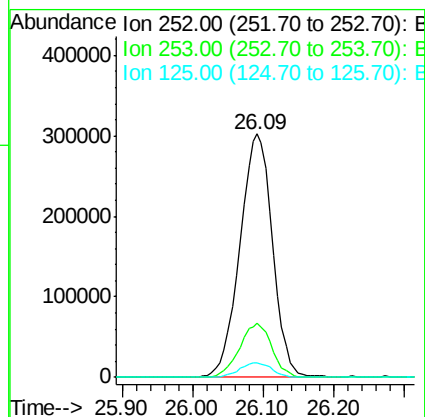
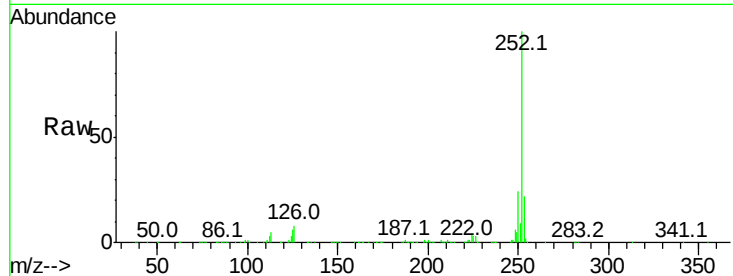
#89
Benzo(a)pyrene
Concen: 34.152 ng
RT: 26.09 min Scan# 3881
Delta R.T. -0.09 min
Lab File: BG031798.D
Acq: 27 Dec 2017 16:07

Instrument :
BNA_G
ClientSampleId :
PB105354BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.3	27.5
125	6.2	7.3	10.9#

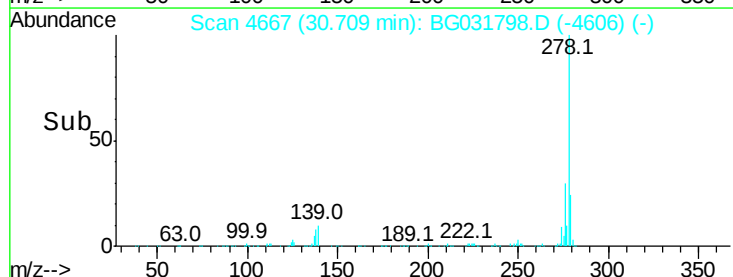
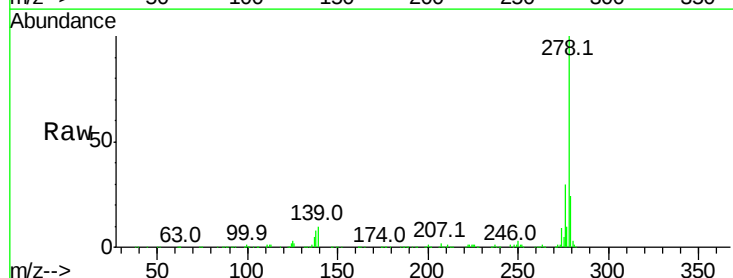
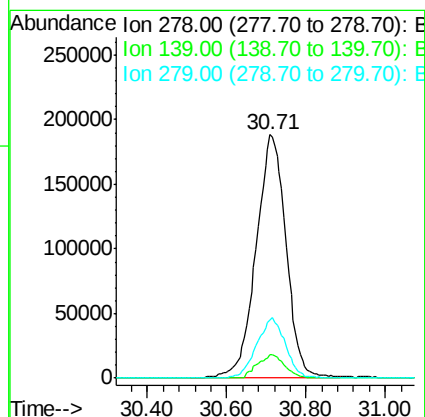
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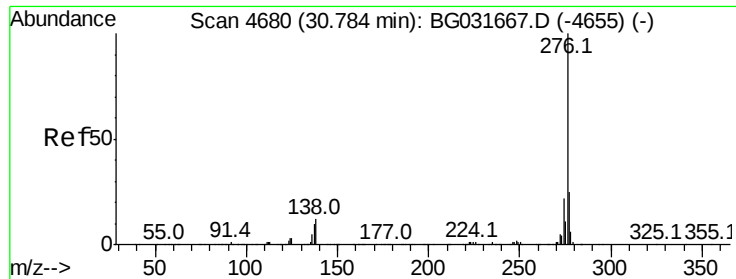
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#90
Dibenzo(a,h)anthracene
Concen: 33.896 ng
RT: 30.71 min Scan# 4667
Delta R.T. -0.17 min
Lab File: BG031798.D
Acq: 27 Dec 2017 16:07

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.5	9.8	14.6#
279	23.7	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 34.491 ng
 RT: 30.62 min Scan# 4652
 Delta R.T. -0.16 min
 Lab File: BG031798.D
 Acq: 27 Dec 2017 16:07

Instrument :
 BNA_G
 ClientSampleId :
 PB105354BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.3	27.5
138	11.2	13.9	20.9

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