

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG032018\
 Data File : BG033287.D
 Acq On : 21 Mar 2018 4:35
 Operator : SJ/JU
 Sample : PB107504BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107504BS

Manual Integrations
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Sohil
 3/22/2018 12:59:52 PM

Quant Time: Mar 21 08:07:07 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 19 16:48:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	38639	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	168729	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	128816	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	322377	20.00	ng	0.00
75) Chrysene-d12	22.60	240	322391	20.00	ng	0.00
86) Perylene-d12	26.40	264	342961	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.31	112	348864	169.30	ng	0.00
7) Phenol-d6	8.00	99	557996	157.60	ng	0.00
23) Nitrobenzene-d5	10.09	82	352769	96.06	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	275577	143.04	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	860941	96.49	ng	0.00
78) Terphenyl-d14	20.76	244	1482140	98.32	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.94	88	37314	35.657	ng	84
3) Pyridine	4.41	79	105593	36.502	ng	95
4) n-Nitrosodimethylamine	4.31	42	57843	48.725	ng	# 80
6) Aniline	8.18	93	67074	16.109	ng	95
8) 2-Chlorophenol	8.44	128	122742	52.104	ng	93
9) Benzaldehyde	8.00	77	42796m	19.020	ng	
10) Phenol	8.03	94	181748	51.993	ng	87
11) bis(2-Chloroethyl)ether	8.28	93	117646	41.232	ng	96
12) 1,3-Dichlorobenzene	8.78	146	123833	40.207	ng	96
13) 1,4-Dichlorobenzene	8.93	146	124375	40.323	ng	95
14) 1,2-Dichlorobenzene	9.26	146	126187	41.917	ng	95
15) Benzyl Alcohol	9.13	79	138278	49.605	ng	93
16) 2,2'-oxybis(1-Chloropropan	9.42	45	195135	41.952	ng	87
17) 2-Methylphenol	9.32	107	118583m	49.797	ng	
18) Hexachloroethane	10.01	117	48106	40.410	ng	98
19) n-Nitroso-di-n-propylamine	9.70	70	114063	43.965	ng	95
20) 3+4-Methylphenols	9.66	107	164698	48.576	ng	91
22) Acetophenone	9.74	105	194444	42.064	ng	# 96
24) Nitrobenzene	10.14	77	171672	43.673	ng	94
25) Isophorone	10.66	82	327283	45.917	ng	100
26) 2-Nitrophenol	10.87	139	72437	48.674	ng	# 86
27) 2,4-Dimethylphenol	10.89	122	129251	59.785	ng	89
28) bis(2-Chloroethoxy)methane	11.14	93	176424	49.608	ng	99
29) 2,4-Dichlorophenol	11.41	162	144400	54.311	ng	96
30) 1,2,4-Trichlorobenzene	11.63	180	143990	41.683	ng	94
31) Naphthalene	11.83	128	380636	43.533	ng	98
32) Benzoic acid	10.99	122	10972m	5.459	ng	
33) 4-Chloroaniline	11.93	127	56611	14.451	ng	# 94
34) Hexachlorobutadiene	12.09	225	105465	40.373	ng	95
35) Caprolactam	12.66	113	47816	45.906	ng	93
36) 4-Chloro-3-methylphenol	12.98	107	172773	49.823	ng	90
37) 2-Methylnaphthalene	13.38	142	299524	44.135	ng	90
39) 1,2,4,5-Tetrachlorobenzene	13.74	216	197685	42.367	ng	98
40) Hexachlorocyclopentadiene	13.71	237	266458	97.412	ng	94

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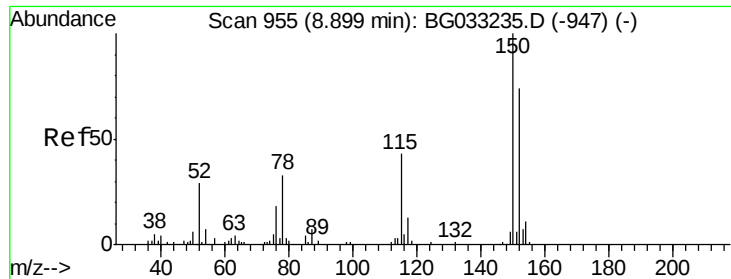
Manual Integrations
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.96	196	133874	49.382	nq	96
43) 2,4,5-Trichlorophenol	14.04	196	151026	47.131	nq	91
45) 1,1'-Biphenyl	14.35	154	418824	42.320	nq	98
46) 2-Chloronaphthalene	14.41	162	330488	43.310	nq	97
47) 2-Nitroaniline	14.60	65	131476	46.000	nq	90
48) Acenaphthylene	15.25	152	531220	41.706	nq	99
49) Dimethylphthalate	14.93	163	477150	42.563	nq	98
50) 2,6-Dinitrotoluene	15.07	165	104769	45.706	nq	99
51) Acenaphthene	15.58	154	324654	39.539	nq	96
52) 3-Nitroaniline	15.41	138	53870	22.416	nq	# 95
53) 2,4-Dinitrophenol	15.61	184	6155	12.333	nq	# 1
54) Dibenzofuran	15.90	168	529850	43.686	nq	# 90
55) 4-Nitrophenol	15.69	139	135817	80.372	nq	# 87
56) 2,4-Dinitrotoluene	15.85	165	148626	44.036	nq	96
57) Fluorene	16.54	166	438339	42.423	nq	98
58) 2,3,4,6-Tetrachlorophenol	16.12	232	137354	45.532	nq	96
59) Diethylphthalate	16.27	149	467199	42.919	nq	98
60) 4-Chlorophenyl-phenylether	16.52	204	259329	43.660	nq	99
61) 4-Nitroaniline	16.56	138	91676	37.671	nq	88
62) Azobenzene	16.82	77	469664	44.540	nq	97
64) 4,6-Dinitro-2-methylphenol	16.60	198	13100	6.793	nq	90
65) n-Nitrosodiphenylamine	16.73	169	411706	44.734	nq	97
66) 4-Bromophenyl-phenylether	17.41	248	172167	45.474	nq	97
67) Hexachlorobenzene	17.54	284	173667	43.464	nq	95
68) Atrazine	17.65	200	168772	45.254	nq	98
69) Pentachlorophenol	17.88	266	111797	40.766	nq	98
70) Phenanthrene	18.28	178	730790	43.527	nq	98
71) Anthracene	18.38	178	766136	45.068	nq	100
72) Carbazole	18.63	167	657157	43.624	nq	97
73) Di-n-butylphthalate	19.12	149	769871	43.907	nq	99
74) Fluoranthene	20.24	202	933468	44.929	nq	97
76) Benzidine	20.40	184	208941	23.899	nq	97
77) Pyrene	20.60	202	922771	42.916	nq	98
79) Butylbenzylphthalate	21.46	149	344032	43.359	nq	96
80) Benzo(a)anthracene	22.58	228	909851	44.321	nq	100
81) 3,3'-Dichlorobenzidine	22.47	252	145730	19.949	nq	# 98
82) Chrysene	22.66	228	847475	42.647	nq	98
83) Bis(2-ethylhexyl)phthalate	22.40	149	473499	43.290	nq	97
84) Di-n-octyl phthalate	23.81	149	812717	48.529	nq	98
85) Indeno(1,2,3-cd)pyrene	30.82	276	1014107	47.201	nq	# 86
87) Benzo(b)fluoranthene	25.18	252	875123	44.166	nq	# 96
88) Benzo(k)fluoranthene	25.26	252	873391	43.582	nq	# 97
89) Benzo(a)pyrene	26.22	252	873107	45.884	nq	# 97
90) Dibenzo(a,h)anthracene	30.90	278	839428	46.832	nq	# 96
91) Benzo(g,h,i)perylene	32.21	276	826721	46.578	nq	# 95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.89 min Scan# 954

Delta R.T. -0.00 min

Lab File: BG033287.D

Acq: 21 Mar 2018 4:35

Instrument :

BNA_G

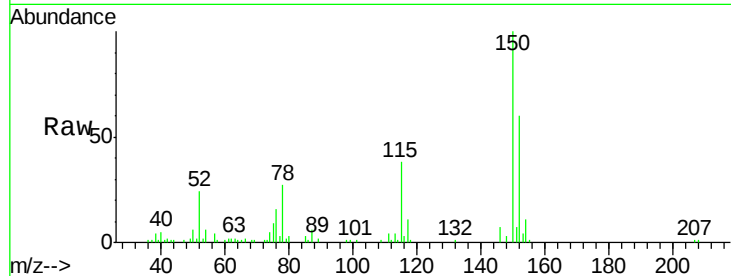
ClientSampleId :

PB107504BS

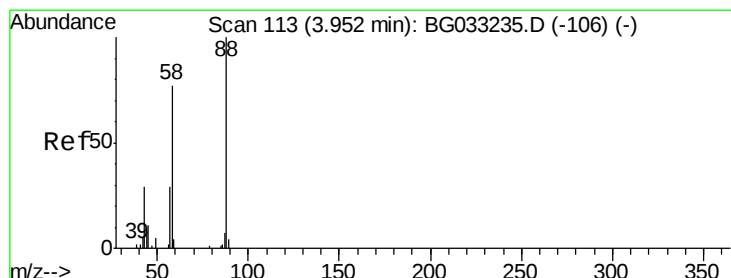
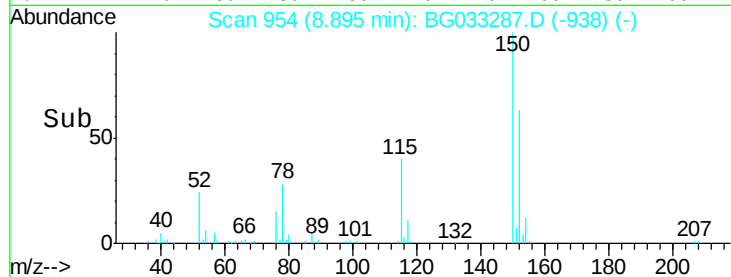
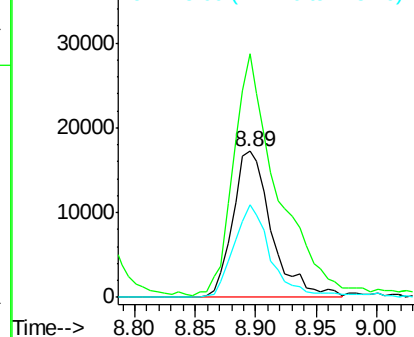
Tot Ion:	152	Resp:	38639
Ion	Ratio	Lower	Upper
152	100		
150	166.9	126.6	189.8
115	63.5	53.0	79.4

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



#2

1,4-Dioxane

Concen: 35.657 ng

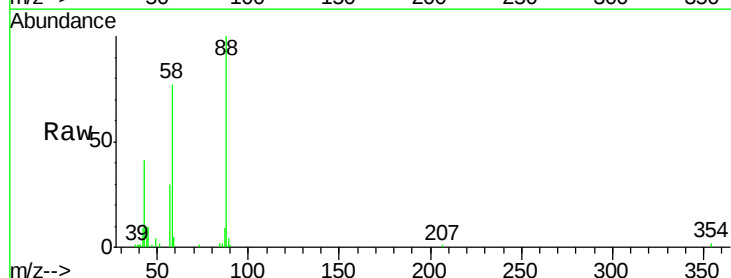
RT: 3.94 min Scan# 110

Delta R.T. -0.01 min

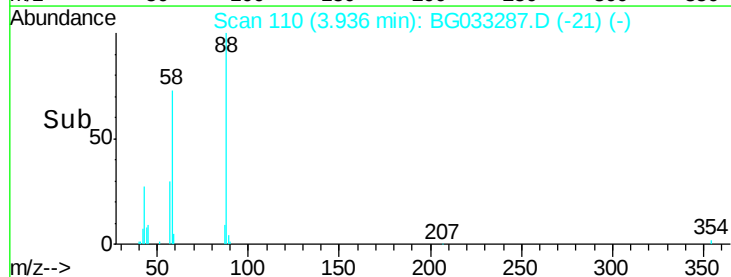
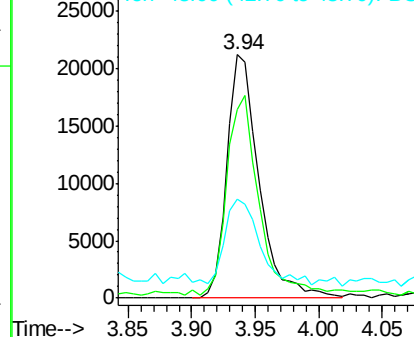
Lab File: BG033287.D

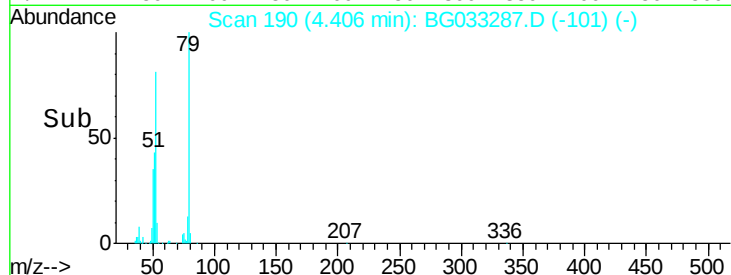
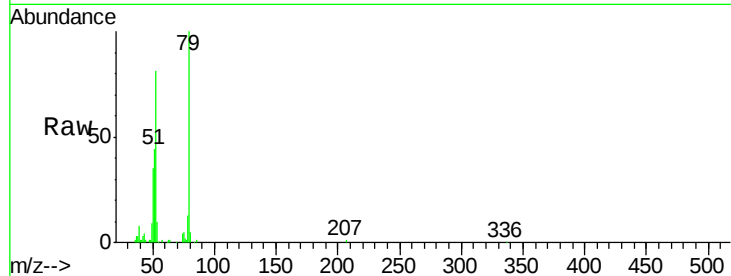
Acq: 21 Mar 2018 4:35

Tgt Ion:	88	Resp:	37314
Ion	Ratio	Lower	Upper
88	100		
58	80.9	79.6	119.4
43	38.0	27.4	41.0



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





#3

Pvridine

Concen: 36.502 ng

RT: 4.41 min Scan# 190

Delta R.T. -0.01 min

Lab File: BG033287.D

Acq: 21 Mar 2018 4:35

Tot Ion:	79	Resp:	105593
Ion Ratio	Lower	Upper	
79	100		
52	81.3	69.9	104.9
51	44.0	34.0	51.0

Instrument :

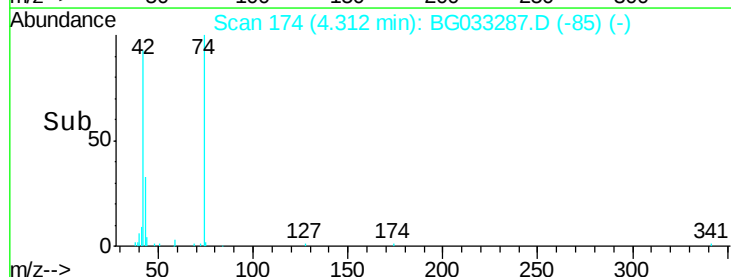
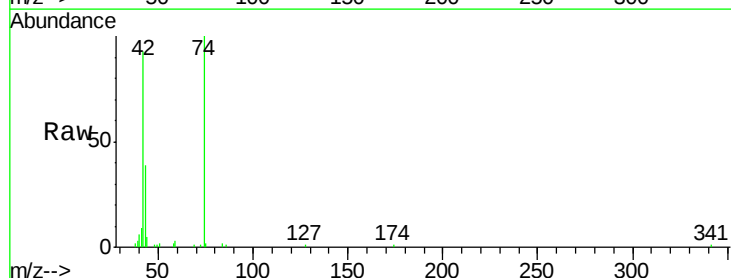
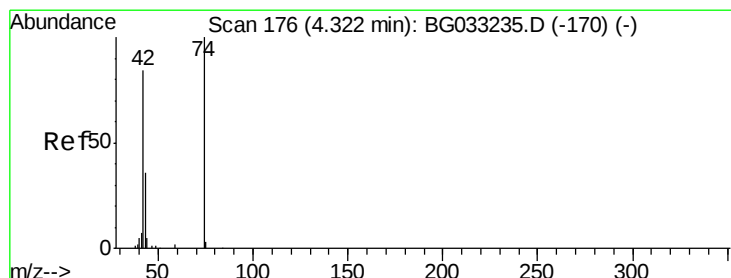
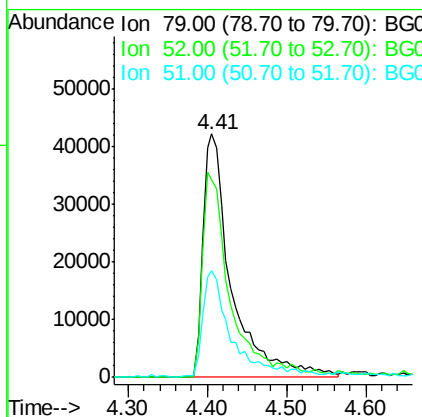
BNA_G

ClientSampleId :

PB107504BS

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#4

n-Nitrosodimethylamine

Concen: 48.725 ng

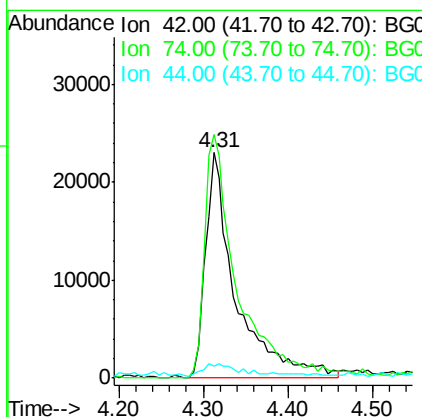
RT: 4.31 min Scan# 174

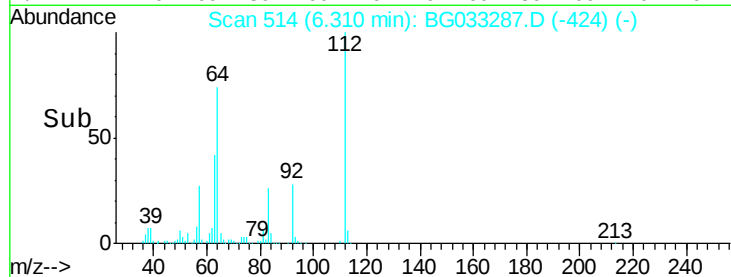
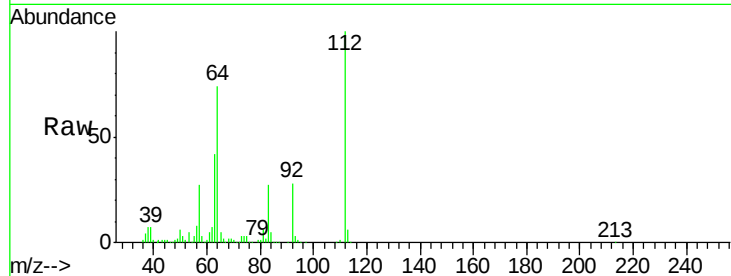
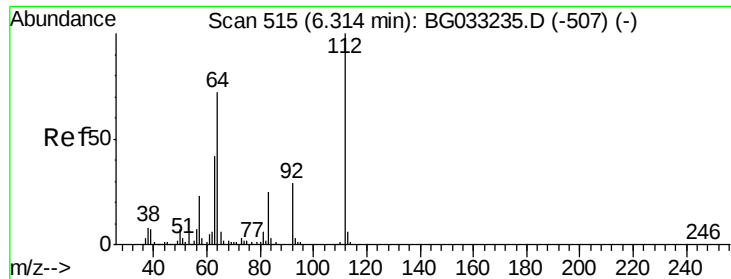
Delta R.T. -0.01 min

Lab File: BG033287.D

Acq: 21 Mar 2018 4:35

Tgt Ion:	42	Resp:	57843
Ion Ratio	Lower	Upper	
42	100		
74	108.1	102.5	153.7
44	5.4	18.9	28.3#





#5

2-Fluorophenol

Concen: 169.301 ng

RT: 6.31 min Scan# 514

Delta R.T. -0.00 min

Lab File: BG033287.D

Acq: 21 Mar 2018 4:35

Tot Ion:	112	Resp:	348864
Ion Ratio	Lower	Upper	
112	100		
64	74.2	56.3	84.5
63	41.9	30.1	45.1

Instrument :

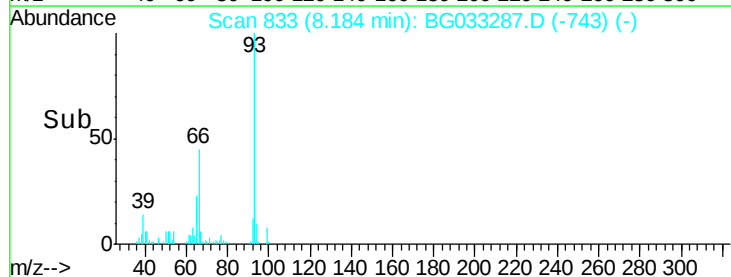
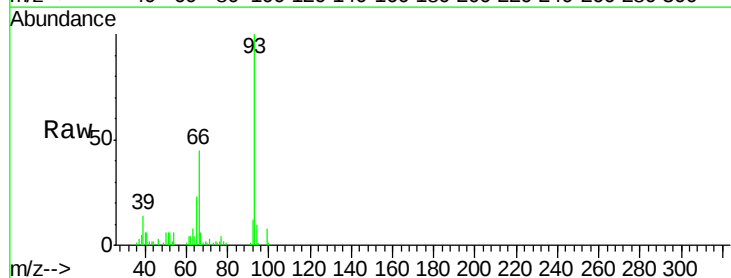
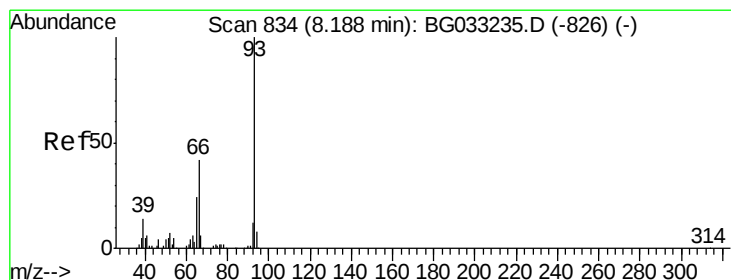
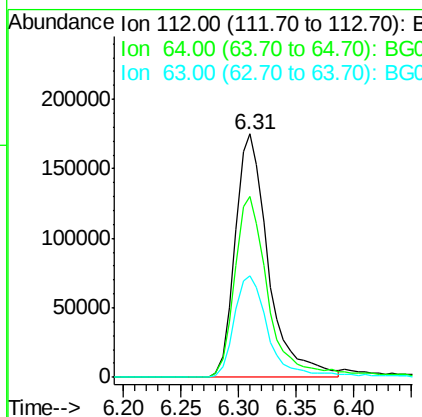
BNA_G

ClientSampleId :

PB107504BS

Manual Integrations
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#6

Aniline

Concen: 16.109 ng

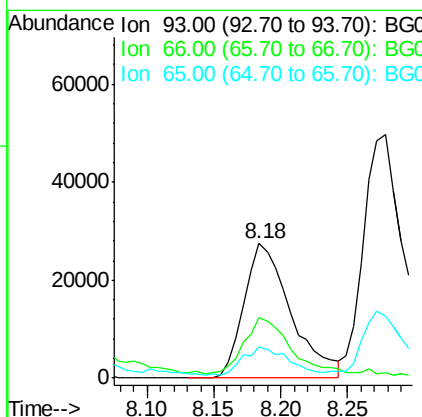
RT: 8.18 min Scan# 833

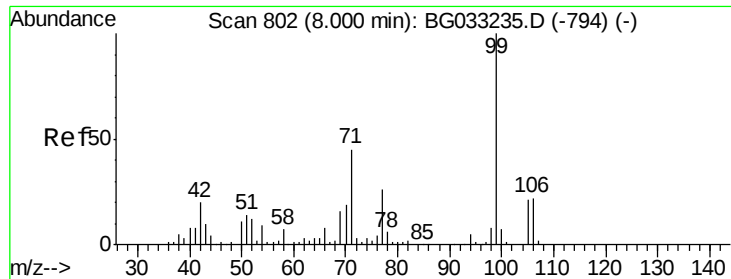
Delta R.T. -0.00 min

Lab File: BG033287.D

Acq: 21 Mar 2018 4:35

Tgt Ion:	93	Resp:	67074
Ion Ratio	Lower	Upper	
93	100		
66	44.7	33.7	50.5
65	22.7	16.1	24.1





#7

Phenol-d6

Concen: 157.601 ng

RT: 8.00 min Scan# 801

Delta R.T. -0.00 min

Lab File: BG033287.D

Acq: 21 Mar 2018 4:35

Instrument :

BNA_G

ClientSampleId :

PB107504BS

Tot Ion: 99 Resp: 557996

Ion Ratio Lower Upper

99 100

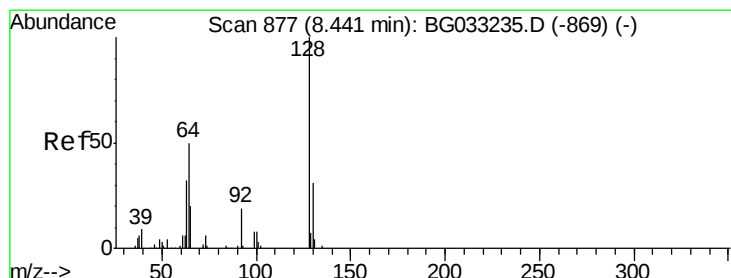
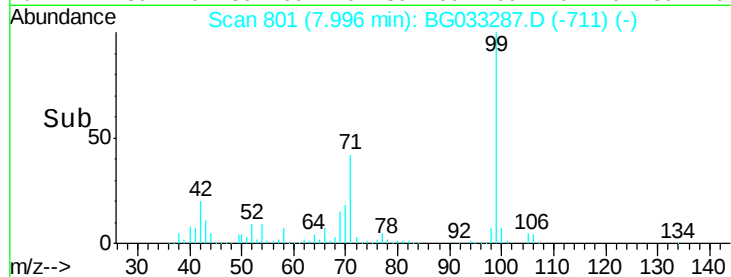
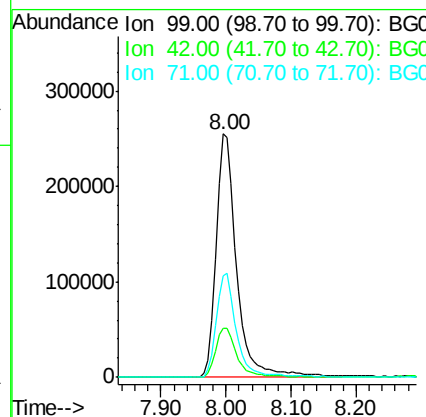
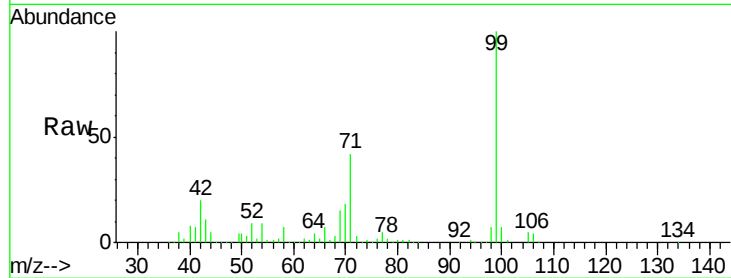
42 20.0 14.1 21.1

71 41.8 26.1 39.1#

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#8

2-Chlorophenol

Concen: 52.104 ng

RT: 8.44 min Scan# 876

Delta R.T. -0.00 min

Lab File: BG033287.D

Acq: 21 Mar 2018 4:35

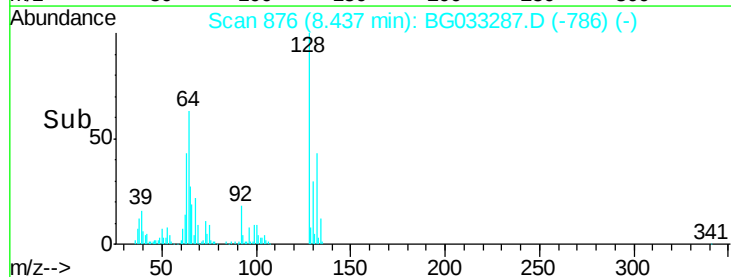
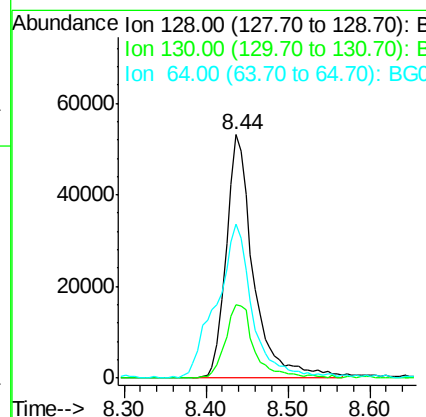
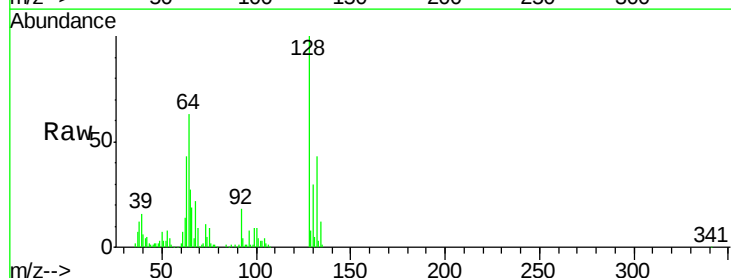
Tgt Ion:128 Resp: 122742

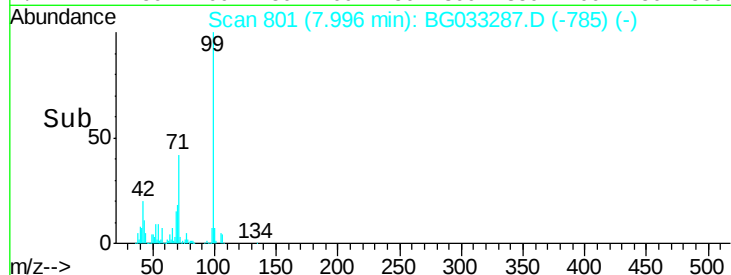
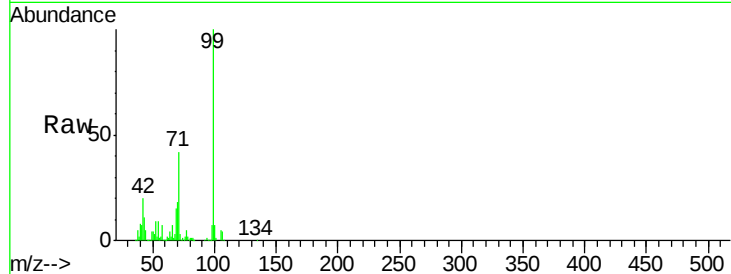
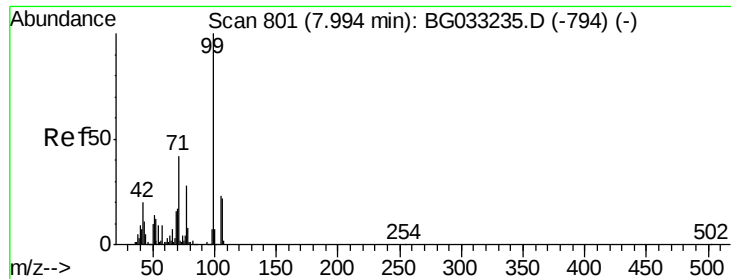
Ion Ratio Lower Upper

128 100

130 30.2 14.0 54.0

64 63.1 37.7 77.7





#9

Benzaldehyde

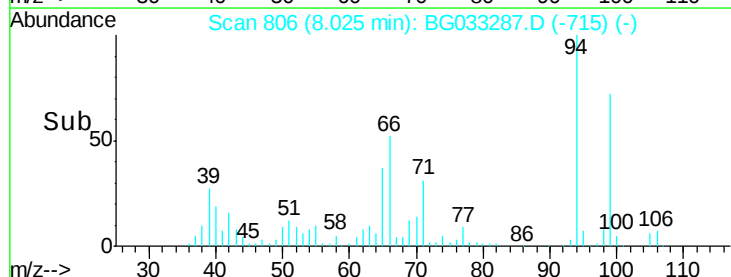
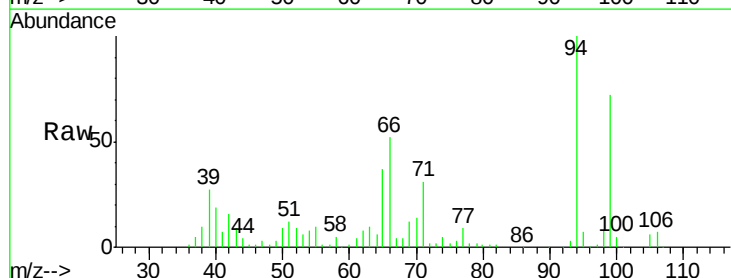
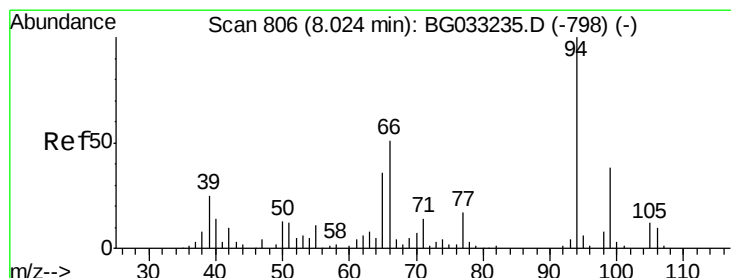
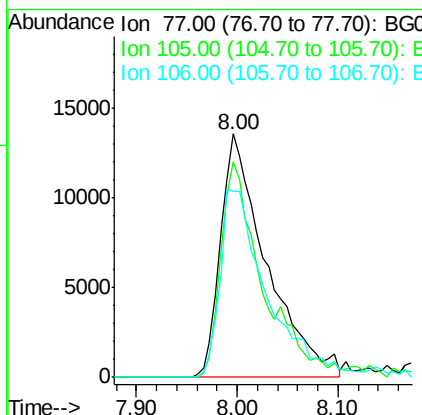
Concen: 19.020 ng/mL
RT: 8.00 min Scan# 801
Delta R.T. -0.00 min
Lab File: BG033287.D
Acq: 21 Mar 2018 4:35

Tot Ion	Ratio	Lower	Upper
77	100		
105	88.3	71.3	111.3
106	76.4	64.2	104.2

Instrument :
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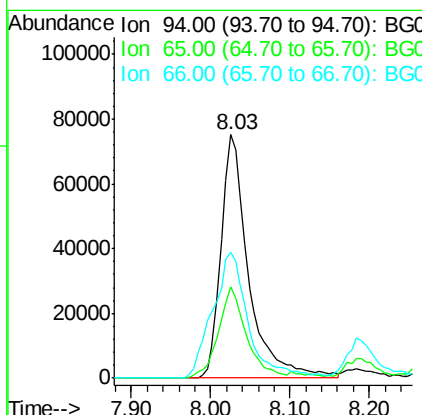


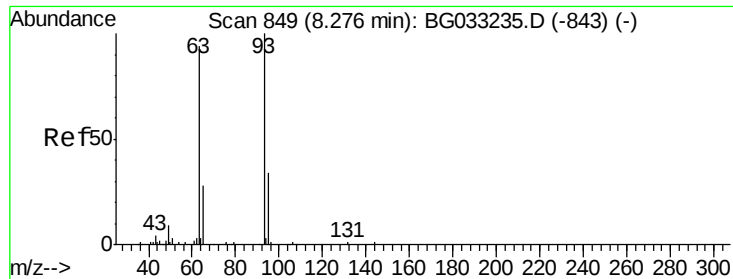
#10

Phenol

Concen: 51.993 ng/mL
RT: 8.03 min Scan# 806
Delta R.T. 0.00 min
Lab File: BG033287.D
Acq: 21 Mar 2018 4:35

Tgt Ion	Ratio	Lower	Upper
94	100		
65	37.3	11.9	51.9
66	51.6	22.2	62.2





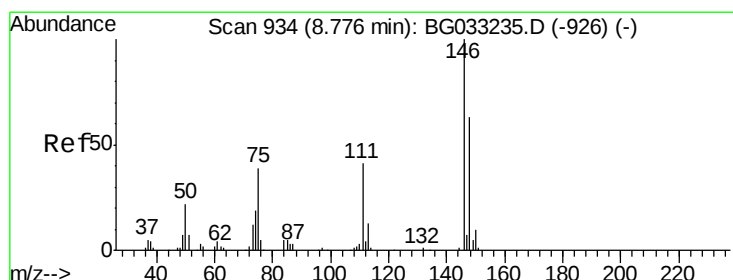
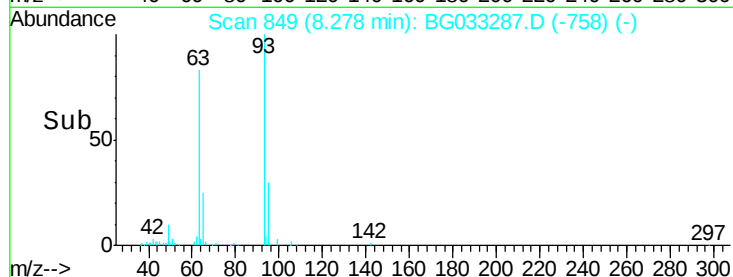
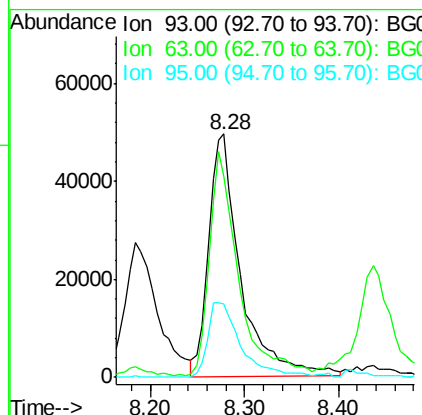
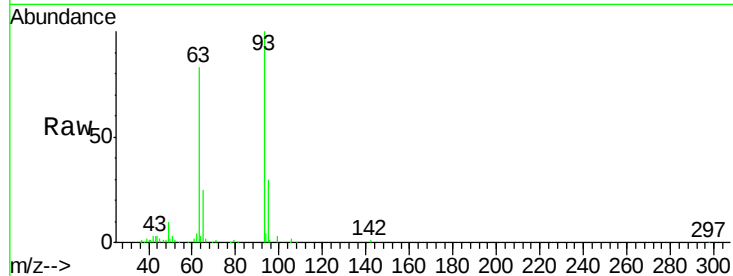
#11
bis(2-Chloroethyl)ether
Concen: 41.232 ng
RT: 8.28 min Scan# 849
Delta R.T. 0.00 min
Lab File: BG033287.D
Acq: 21 Mar 2018 4:35

Instrument :
BNA_G
ClientSampleId :
PB107504BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	82.6	67.1	107.1
95	30.1	11.5	51.5

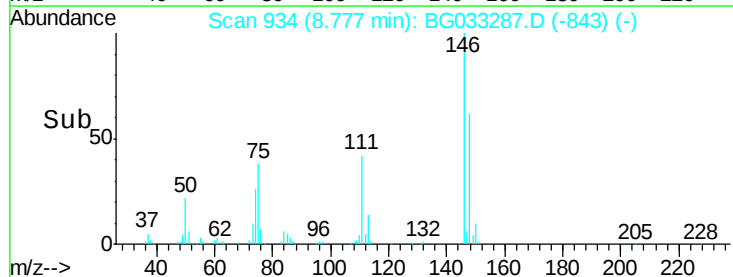
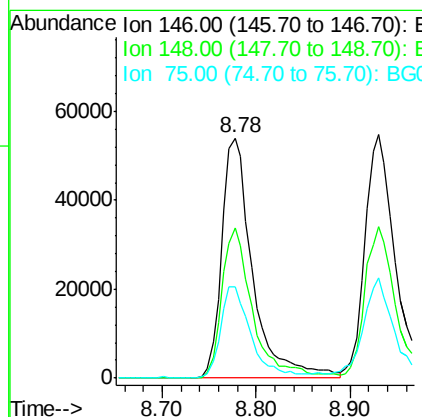
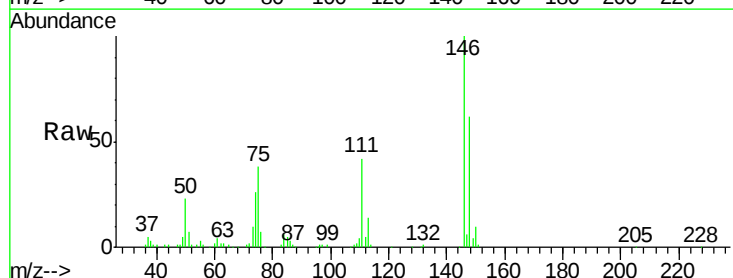
Manual Integrations
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#12
1,3-Dichlorobenzene
Concen: 40.207 ng
RT: 8.78 min Scan# 934
Delta R.T. 0.00 min
Lab File: BG033287.D
Acq: 21 Mar 2018 4:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	51.4	77.2
75	37.8	26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 40.323 ng

RT: 8.93 min Scan# 960

Delta R.T. -0.00 min

Lab File: BG033287.D

Acq: 21 Mar 2018 4:35

Instrument :

BNA_G

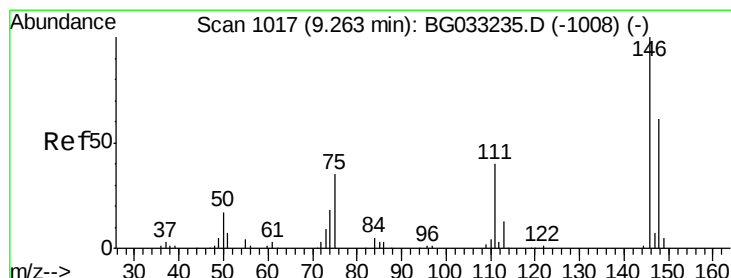
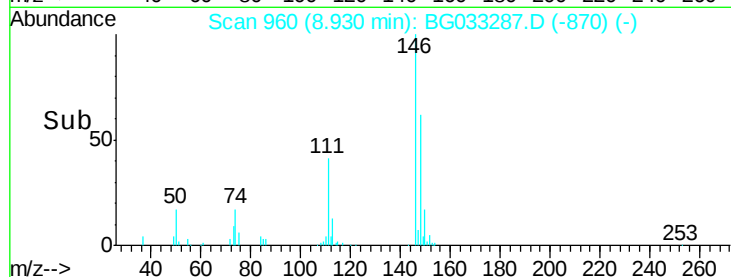
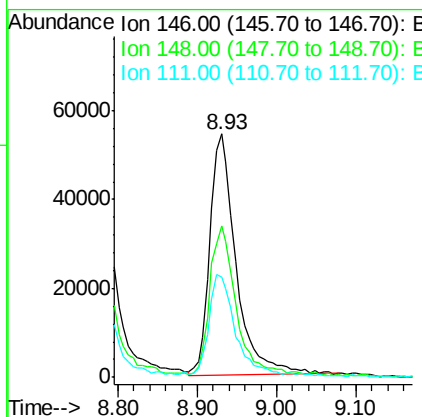
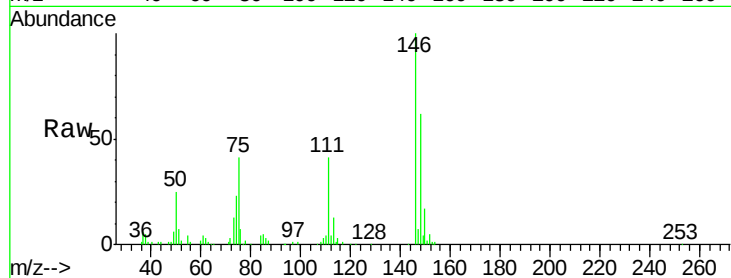
ClientSampleId :

PB107504BS

Tot Ion:	146	Resp:	124375
Ion Ratio	Lower	Upper	
146	100		
148	62.4	53.7	80.5
111	41.2	35.2	52.8

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 41.917 ng

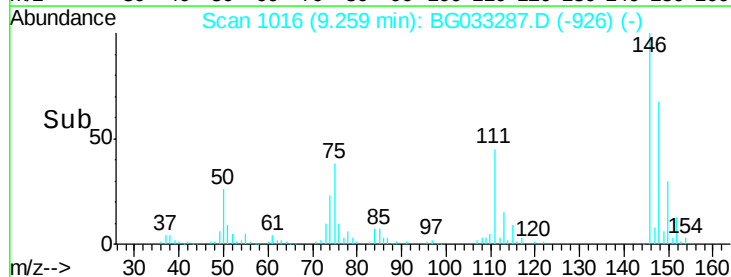
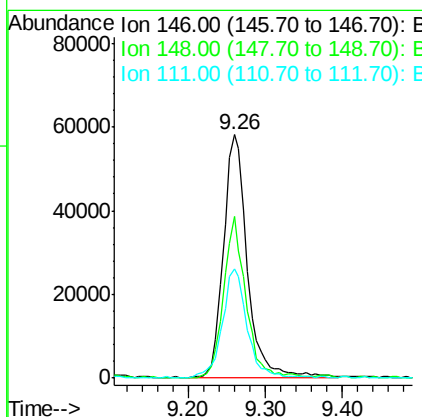
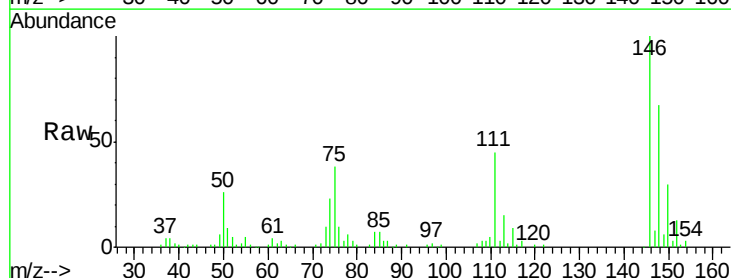
RT: 9.26 min Scan# 1016

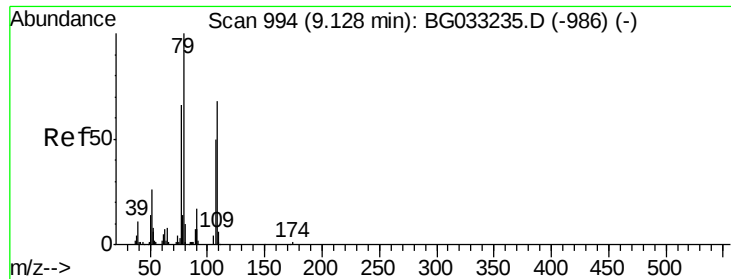
Delta R.T. -0.00 min

Lab File: BG033287.D

Acq: 21 Mar 2018 4:35

Tgt Ion:	146	Resp:	126187
Ion Ratio	Lower	Upper	
146	100		
148	66.6	49.3	73.9
111	45.0	34.3	51.5





#15

Benzyl Alcohol

Concen: 49.605 ng

RT: 9.13 min Scan# 994

Delta R.T. 0.00 min

Lab File: BG033287.D

Acq: 21 Mar 2018 4:35

Instrument :

BNA_G

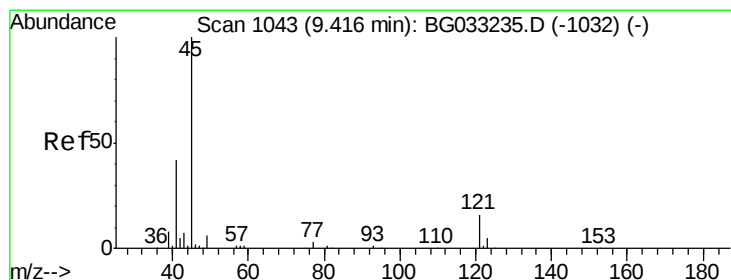
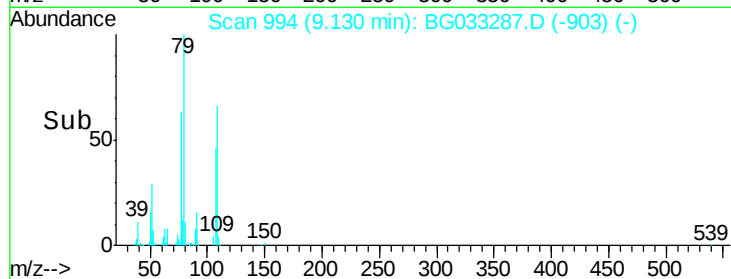
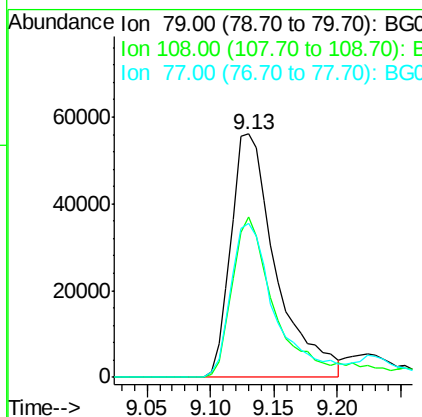
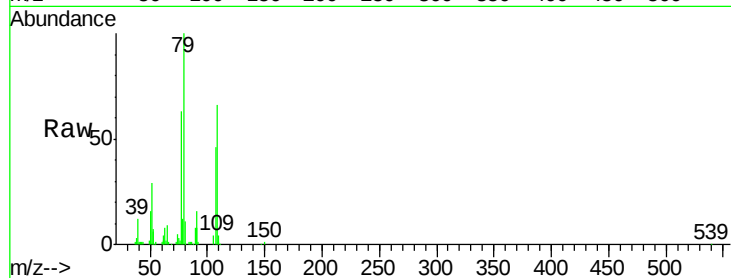
ClientSampleId :

PB107504BS

Tot Ion:	79	Resp:	138278
Ion Ratio	Lower	Upper	
79	100		
108	66.0	57.2	85.8
77	63.1	46.1	69.1

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#16

2,2'-oxybis(1-chloropropane)

Concen: 41.952 ng

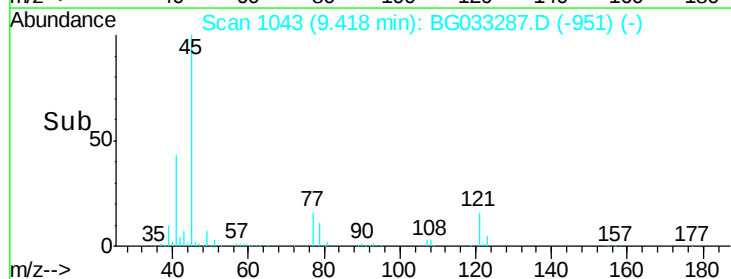
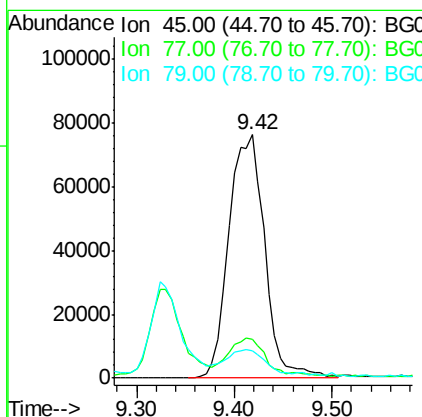
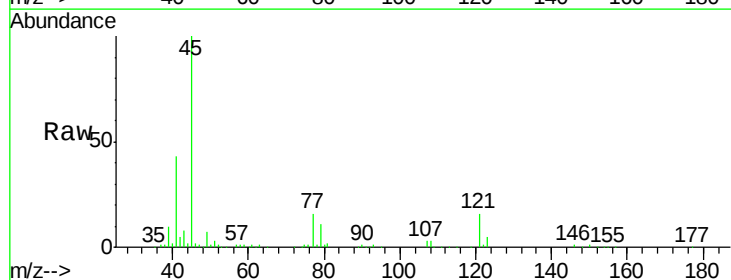
RT: 9.42 min Scan# 1043

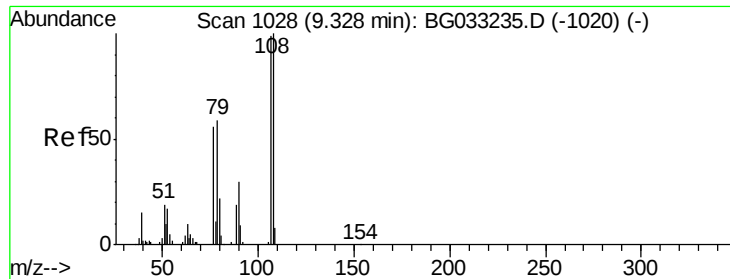
Delta R.T. 0.01 min

Lab File: BG033287.D

Acq: 21 Mar 2018 4:35

Tgt Ion:	45	Resp:	195135
Ion Ratio	Lower	Upper	
45	100		
77	16.0	0.0	30.2
79	11.3	0.0	27.9





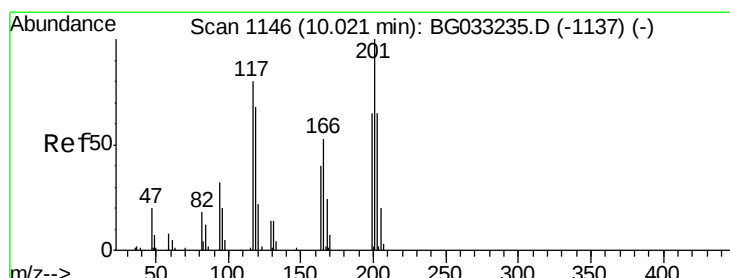
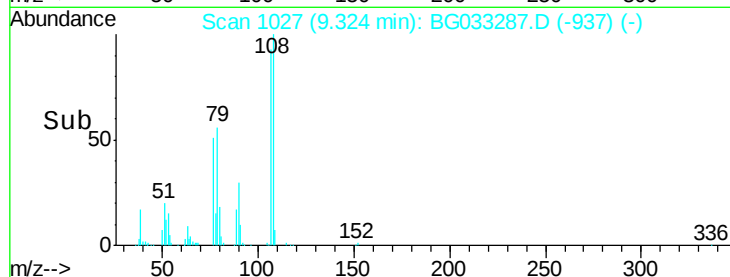
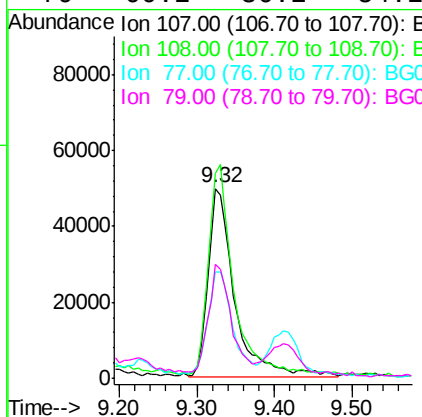
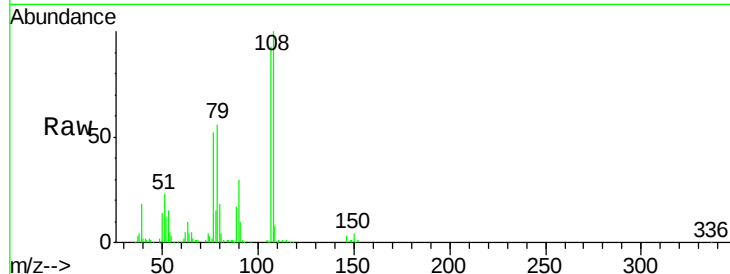
#17
2-Methylphenol
Concen: 49.797 ng/ml
RT: 9.32 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BG033287.D
Acq: 21 Mar 2018 4:35

Instrument :
BNA_G
ClientSampleId :
PB107504BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.0	83.9	125.9	
77	55.7	37.2	55.8	
79	60.2	36.2	54.2	

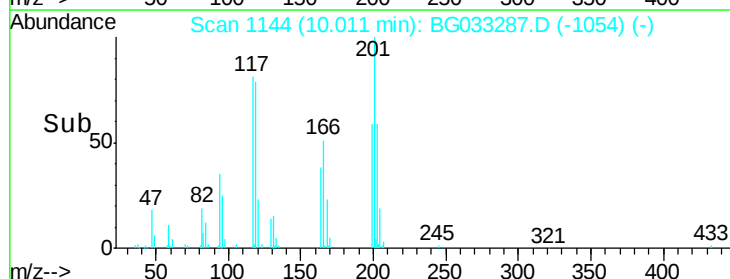
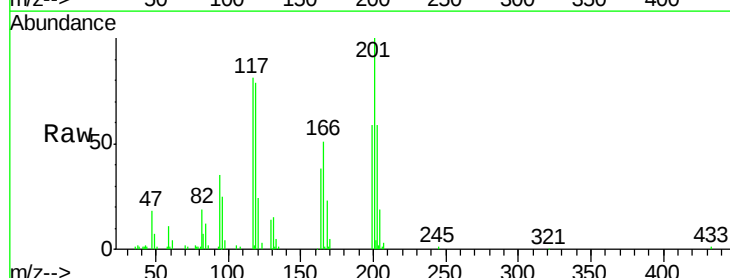
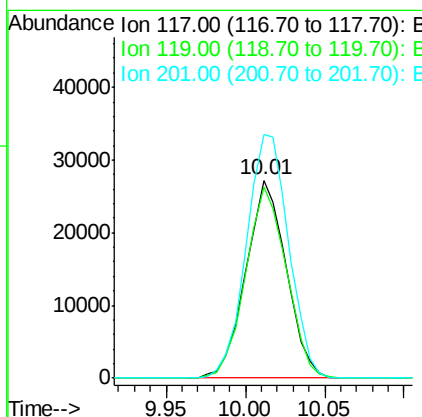
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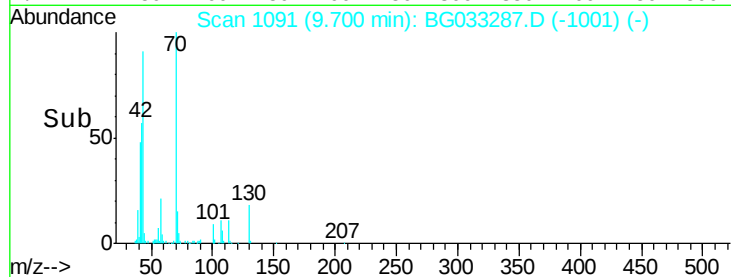
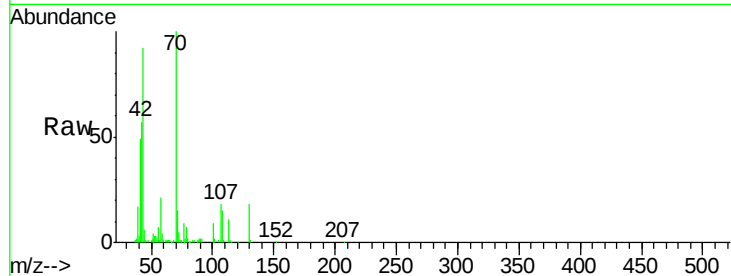
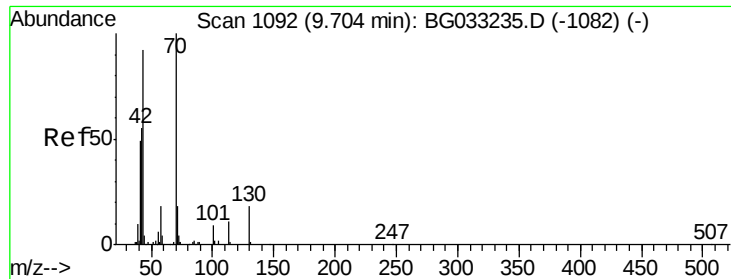
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#18
Hexachloroethane
Concen: 40.410 ng/ml
RT: 10.01 min Scan# 1144
Delta R.T. -0.00 min
Lab File: BG033287.D
Acq: 21 Mar 2018 4:35

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.7	76.7	115.1	
201	123.0	95.7	143.5	





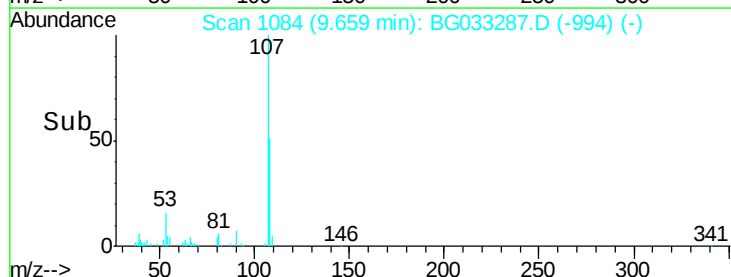
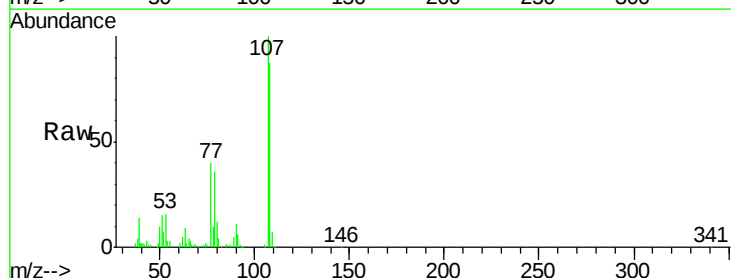
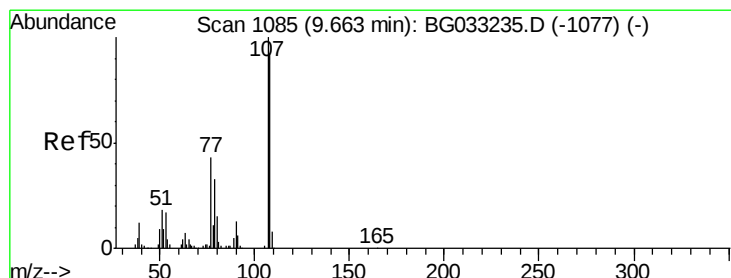
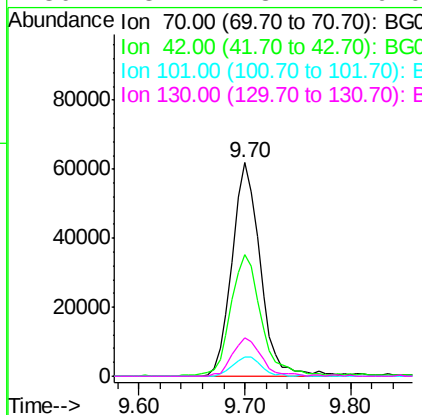
#19
n-Nitroso-di-n-propylamine
Concen: 43.965 ng
RT: 9.70 min Scan# 1091
Delta R.T. -0.00 min
Lab File: BG033287.D
Acq: 21 Mar 2018 4:35

Instrument :
BNA_G
ClientSampleId :
PB107504BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.1	49.1	73.7	
101	9.0	8.5	12.7	
130	18.1	13.4	20.0	

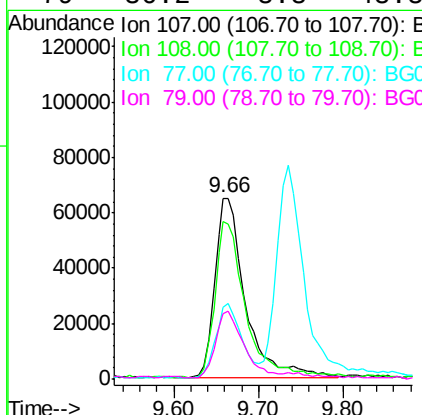
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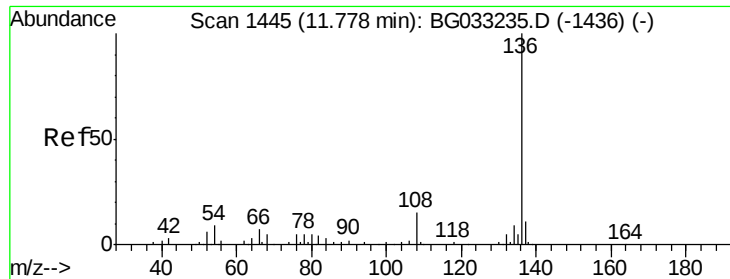
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#20
3+4-Methylphenols
Concen: 48.576 ng
RT: 9.66 min Scan# 1084
Delta R.T. -0.00 min
Lab File: BG033287.D
Acq: 21 Mar 2018 4:35

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.3	61.6	101.6	
77	39.8	13.9	53.9	
79	36.2	8.8	48.8	





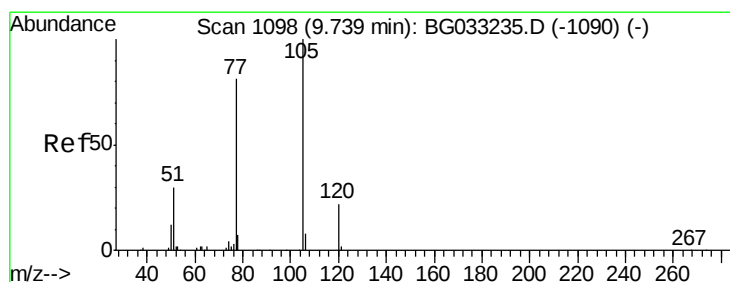
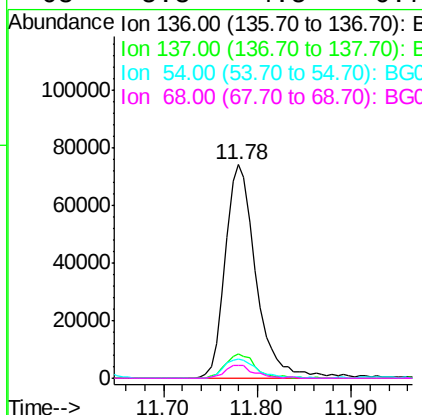
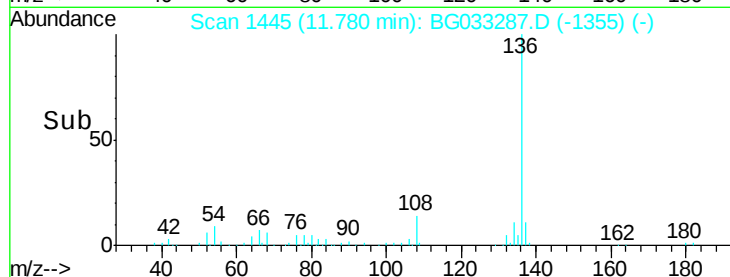
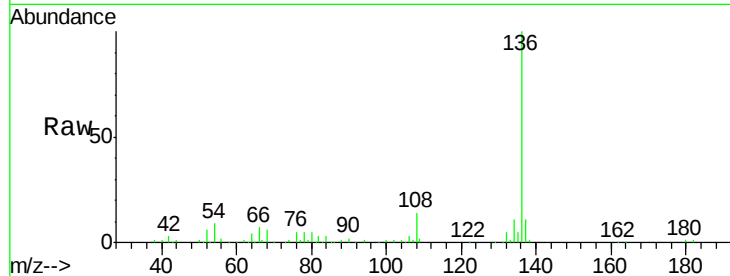
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.78 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BG033287.D
Acq: 21 Mar 2018 4:35

Instrument :
BNA_G
ClientSampleId :
PB107504BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	9.2	13.8	
54	9.2	10.3	15.5	
68	5.8	4.5	6.7	

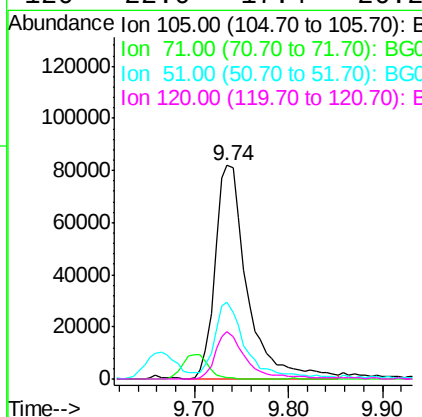
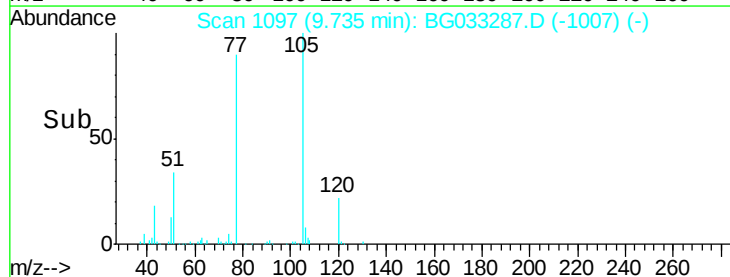
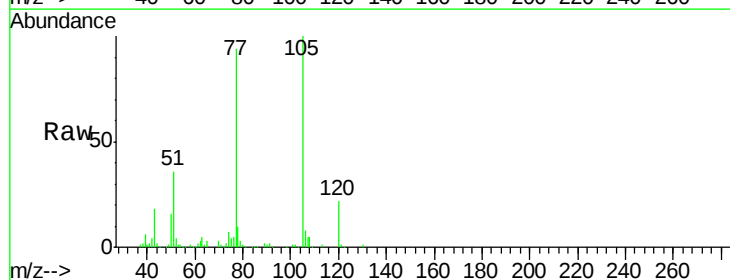
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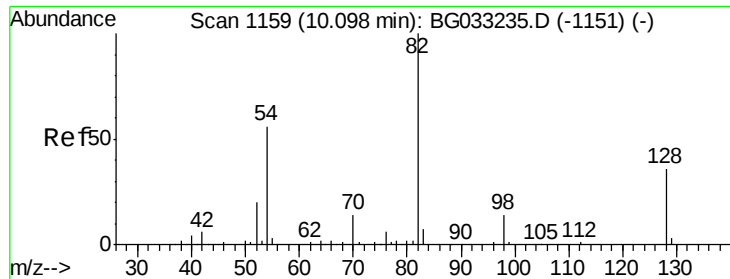
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#22
Acetophenone
Concen: 42.064 ng
RT: 9.74 min Scan# 1097
Delta R.T. -0.00 min
Lab File: BG033287.D
Acq: 21 Mar 2018 4:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.8	3.0	4.4	
51	35.8	26.1	39.1	
120	22.0	17.4	26.2	





#23

Nitrobenzene-d5

Concen: 96.057 ng

RT: 10.09 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BG033287.D

Acq: 21 Mar 2018 4:35

Instrument :

BNA_G

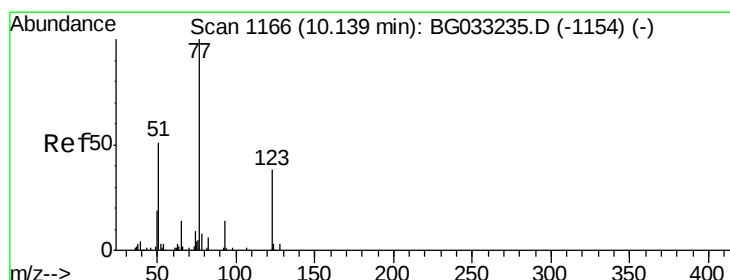
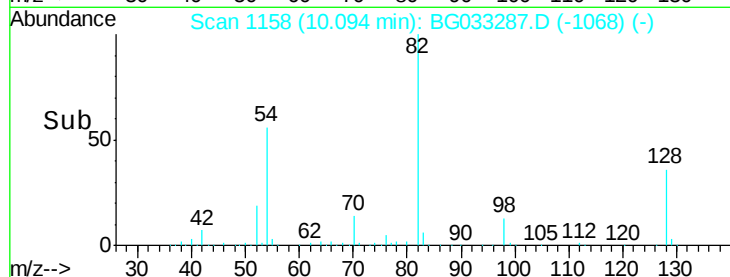
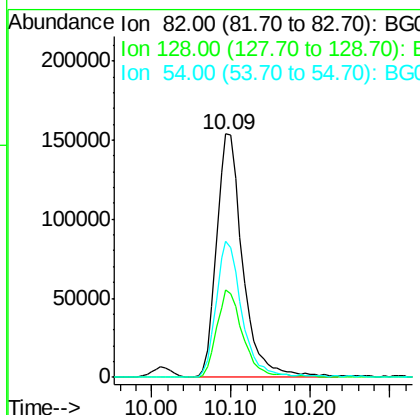
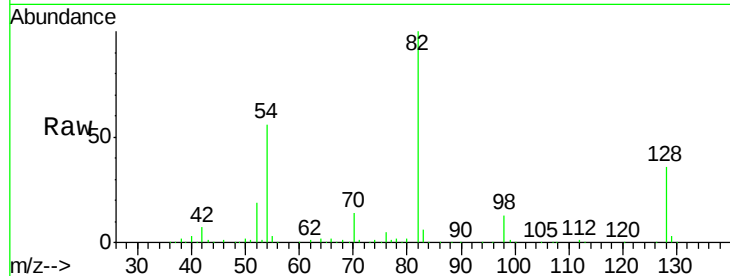
ClientSampleId :

PB107504BS

Tot Ion:	82	Resp:	352769
Ion Ratio	Lower	Upper	
82	100		
128	36.1	29.7	44.5
54	56.0	43.1	64.7

Manual Integrations
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#24

Nitrobenzene

Concen: 43.673 ng

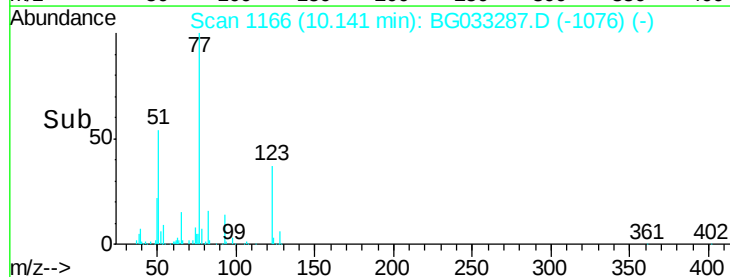
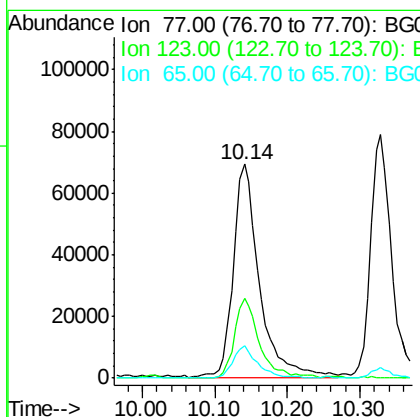
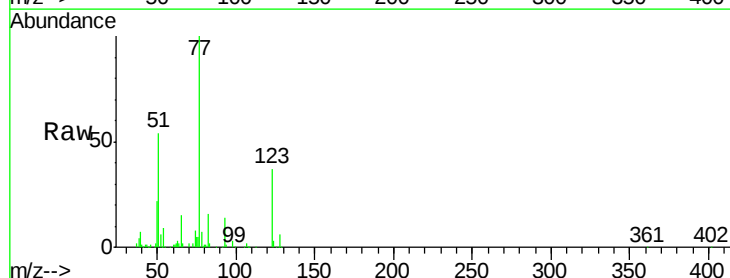
RT: 10.14 min Scan# 1166

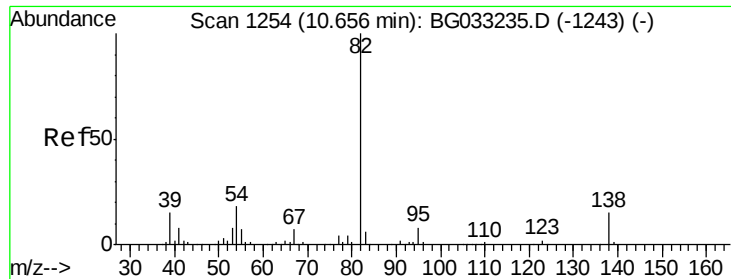
Delta R.T. -0.00 min

Lab File: BG033287.D

Acq: 21 Mar 2018 4:35

Tgt Ion:	77	Resp:	171672
Ion Ratio	Lower	Upper	
77	100		
123	37.2	33.0	49.6
65	14.9	13.0	19.6





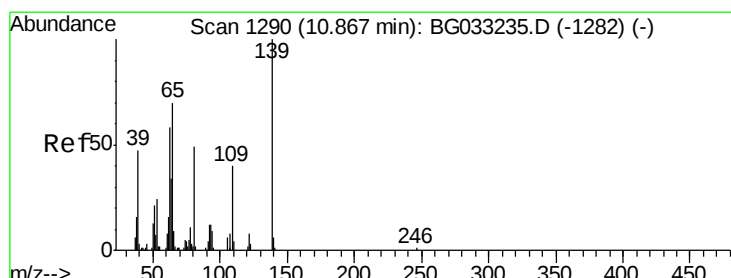
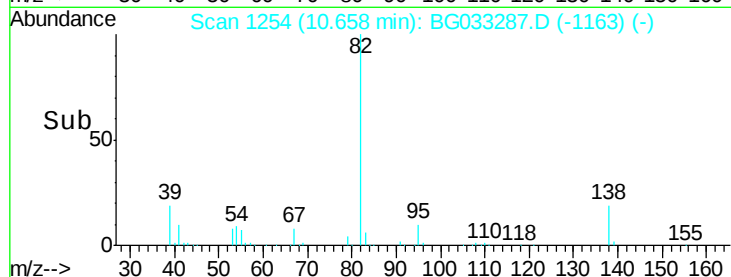
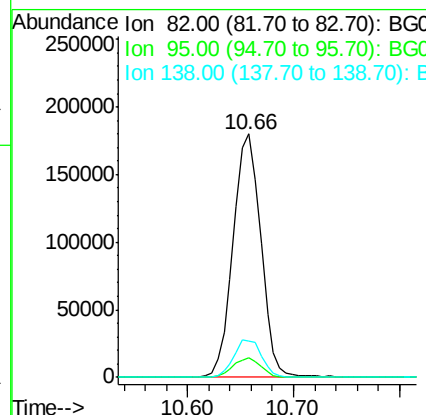
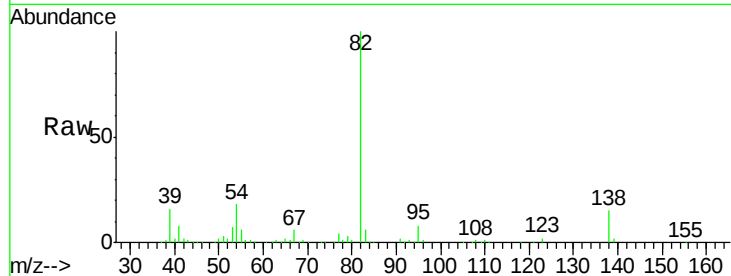
#25
Isophorone
Concen: 45.917 ng
RT: 10.66 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BG033287.D
Acq: 21 Mar 2018 4:35

Instrument :
BNA_G
ClientSampleId :
PB107504BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.0	6.2	9.2	
138	15.0	12.1	18.1	

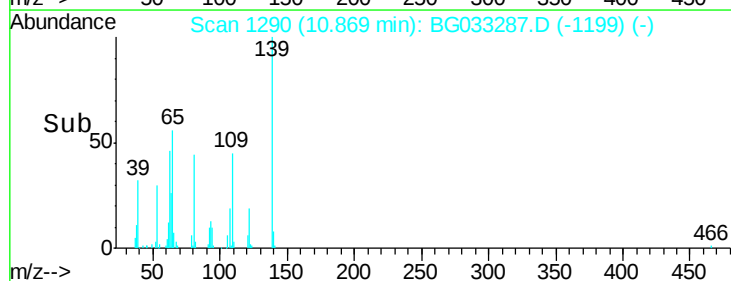
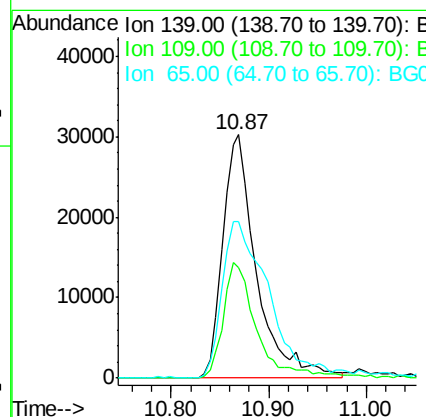
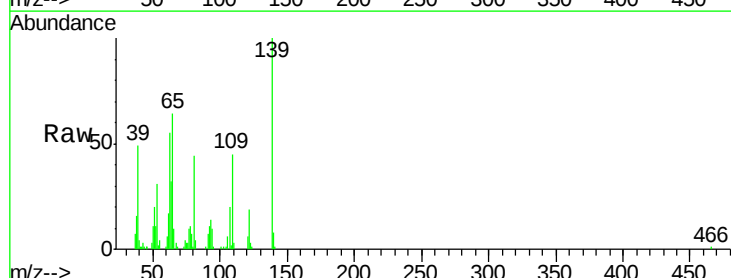
Manual Integrations
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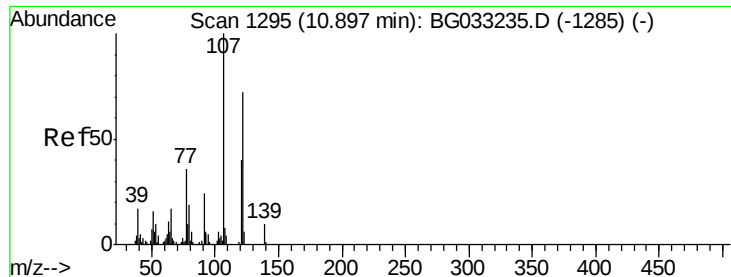
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#26
2-Nitrophenol
Concen: 48.674 ng
RT: 10.87 min Scan# 1290
Delta R.T. 0.00 min
Lab File: BG033287.D
Acq: 21 Mar 2018 4:35

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	45.1	24.2	36.2	#
65	64.4	47.4	71.0	





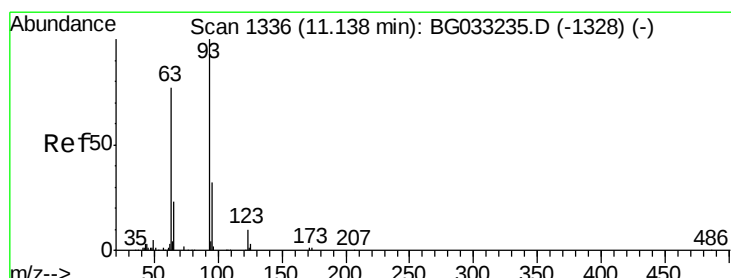
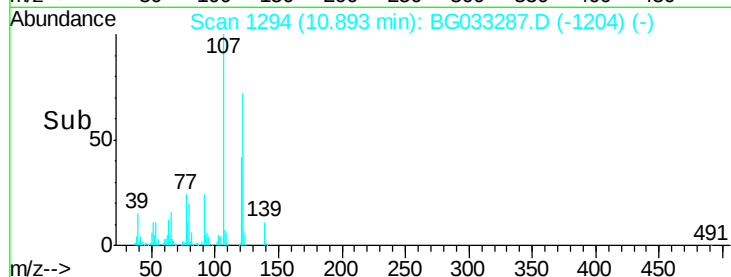
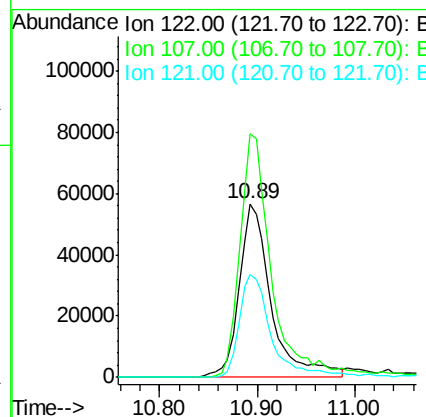
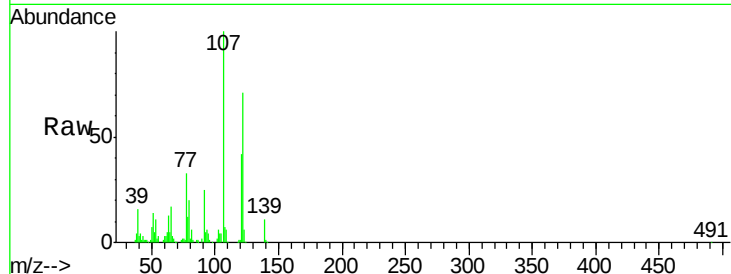
#27
2,4-Dimethylphenol
Concen: 59.785 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG033287.D
Acq: 21 Mar 2018 4:35

Instrument :
BNA_G
ClientSampled :
PB107504BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	129251		
107	140.4	100.2	150.2	
121	59.1	44.4	66.6	

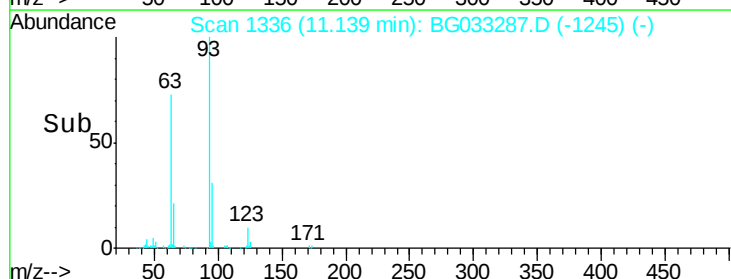
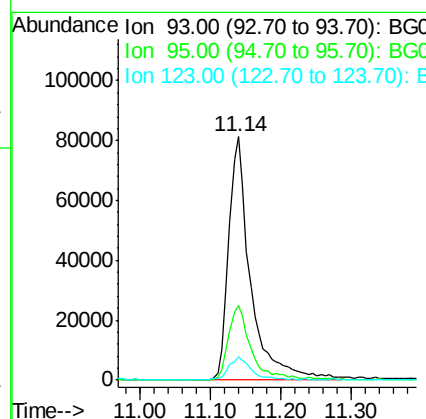
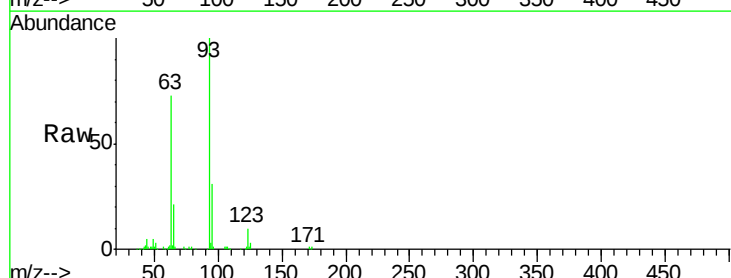
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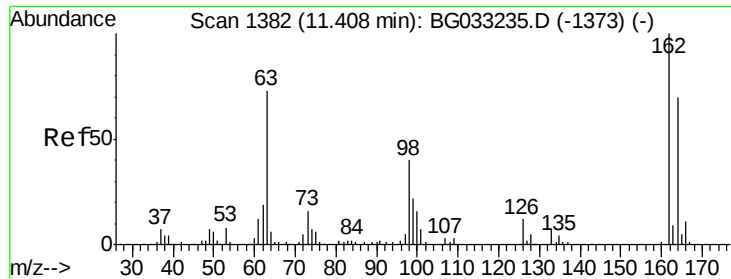
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#28
bis(2-Chloroethoxy)methane
Concen: 49.608 ng
RT: 11.14 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BG033287.D
Acq: 21 Mar 2018 4:35

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	176424		
95	30.6	24.3	36.5	
123	9.8	8.4	12.6	





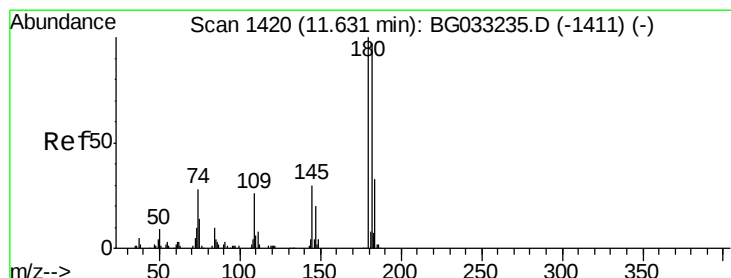
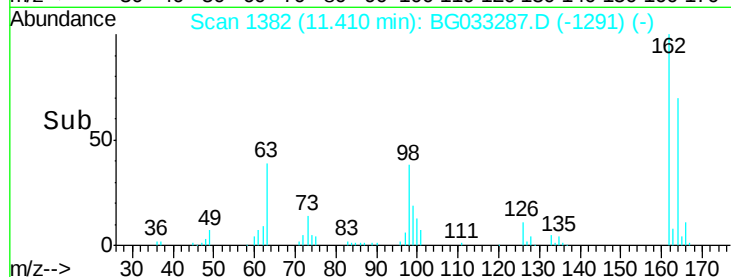
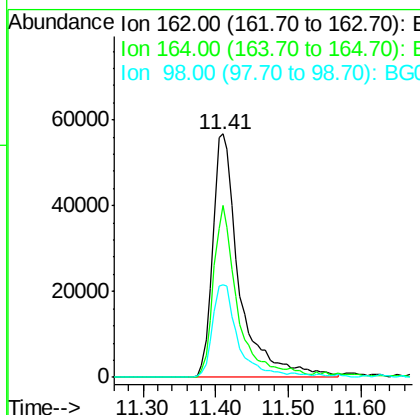
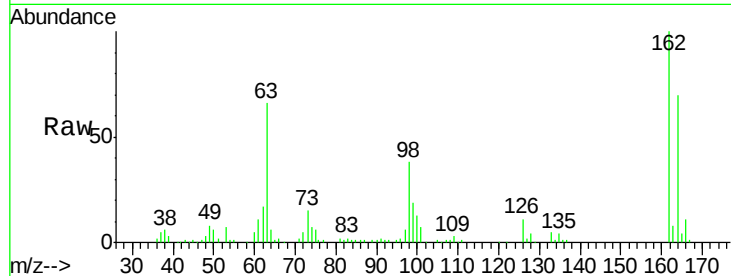
#29
2,4-Dichlorophenol
Concen: 54.311 ng
RT: 11.41 min Scan# 1382
Delta R.T. 0.00 min
Lab File: BG033287.D
Acq: 21 Mar 2018 4:35

Instrument :
BNA_G
ClientSampleId :
PB107504BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
164	70.5	48.0	88.0		
98	38.0	21.1	61.1		

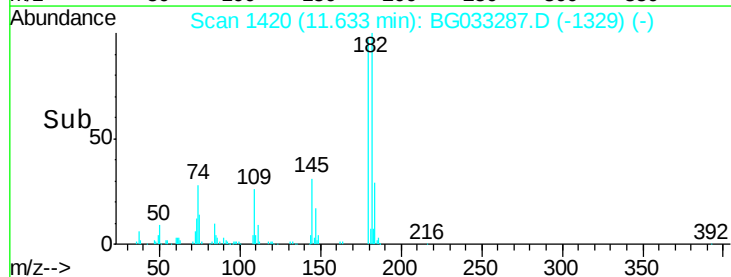
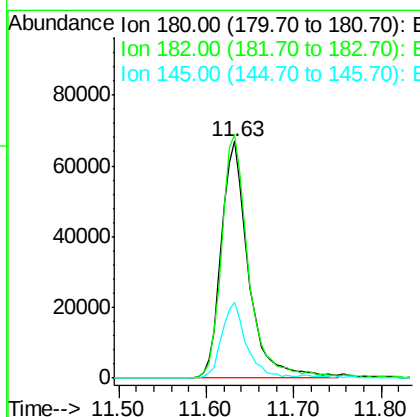
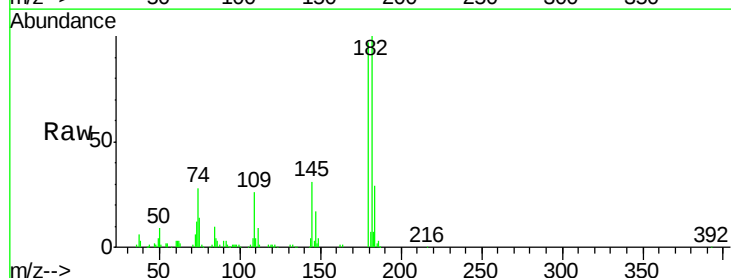
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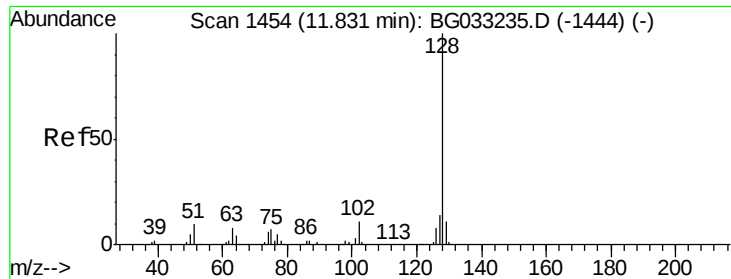
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#30
1,2,4-Trichlorobenzene
Concen: 41.683 ng
RT: 11.63 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BG033287.D
Acq: 21 Mar 2018 4:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100				
182	102.7	77.5	116.3		
145	31.8	23.4	35.2		





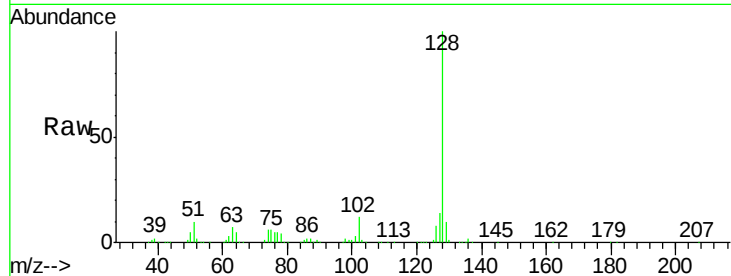
#31
Naphthalene
Concen: 43.533 ng
RT: 11.83 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BG033287.D
Acq: 21 Mar 2018 4:35

Instrument :
BNA_G
ClientSampleId :
PB107504BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	9.8	8.6	12.8	
127	14.1	11.6	17.4	

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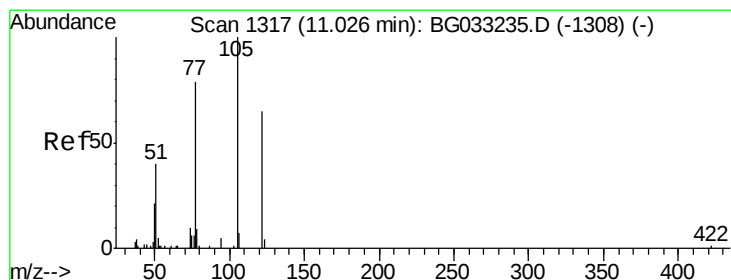
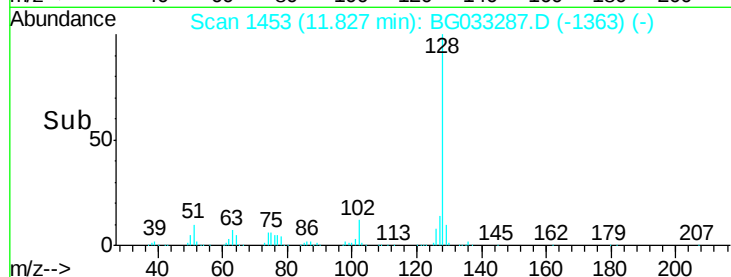
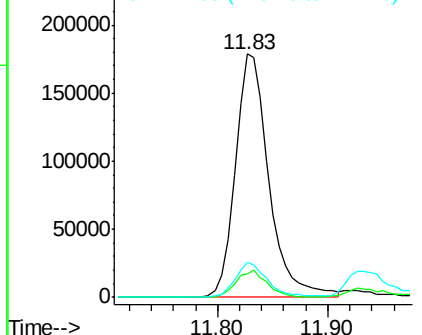


Abundance

Ion 128.00 (127.70 to 128.70): E

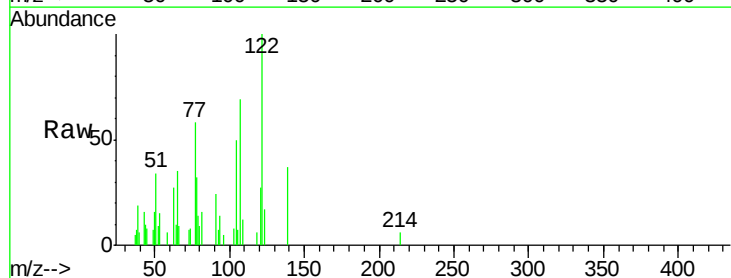
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 5.459 ng m
RT: 10.99 min Scan# 1311
Delta R.T. -0.04 min
Lab File: BG033287.D
Acq: 21 Mar 2018 4:35

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	50.5	123.5	163.5#	
77	57.9	85.7	125.7#	

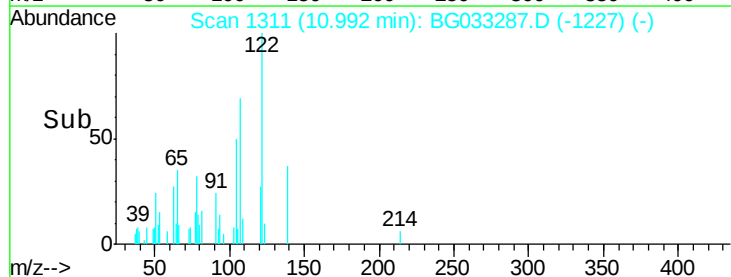
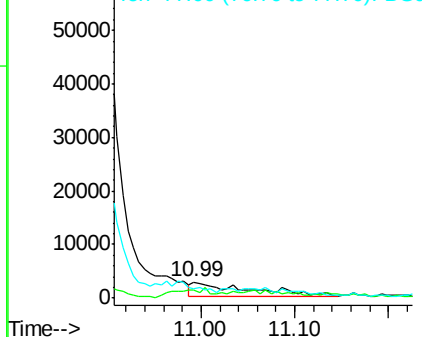


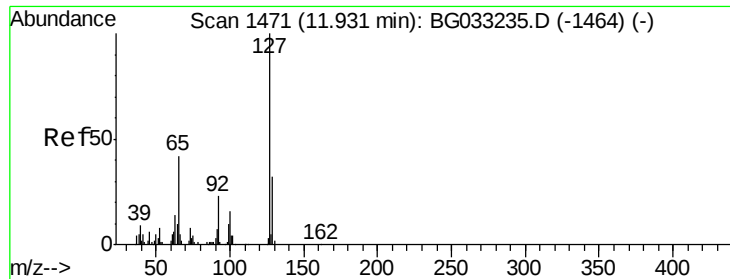
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





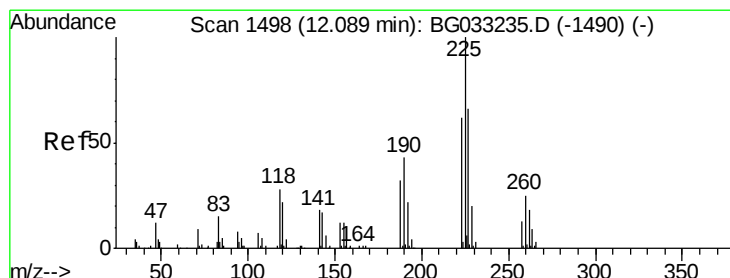
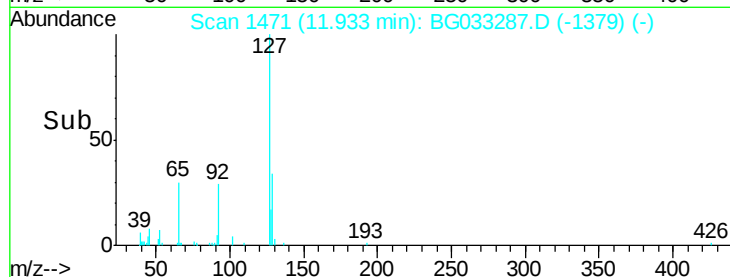
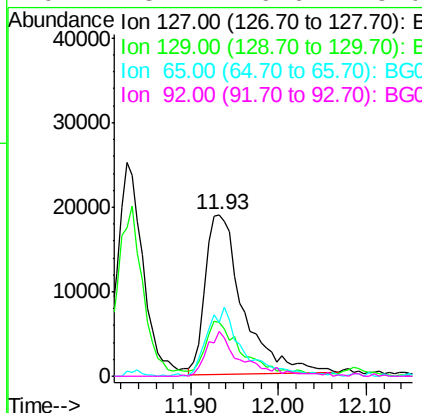
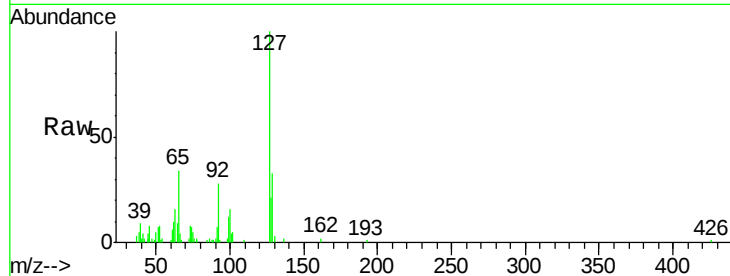
#33
4-Chloroaniline
Concen: 14.451 ng
RT: 11.93 min Scan# 1471
Delta R.T. 0.01 min
Lab File: BG033287.D
Acq: 21 Mar 2018 4:35

Instrument :
BNA_G
ClientSampleId :
PB107504BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.4	24.0	36.0	
65	33.5	27.0	40.4	
92	28.1	16.6	25.0	

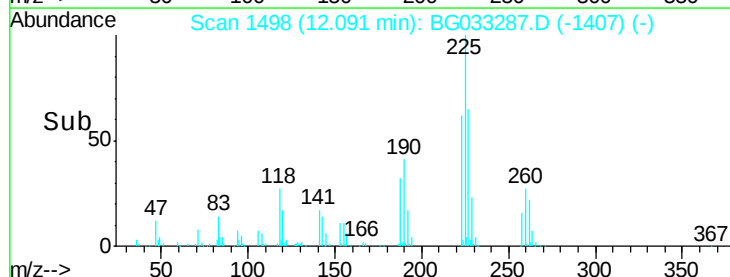
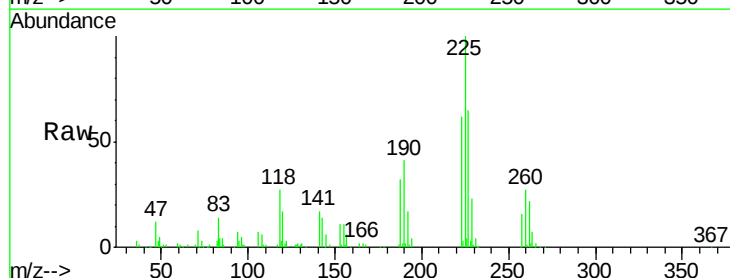
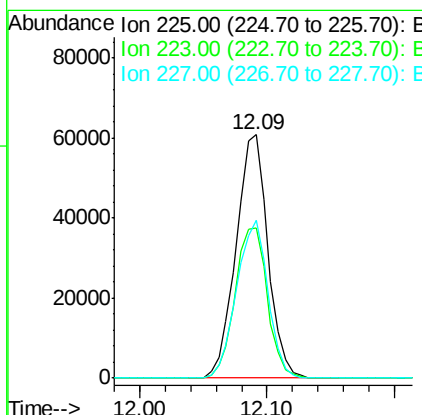
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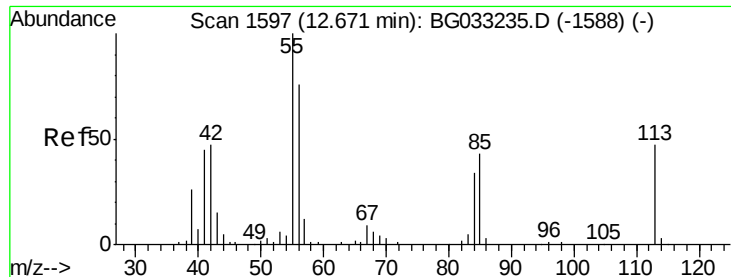
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#34
Hexachlorobutadiene
Concen: 40.373 ng
RT: 12.09 min Scan# 1498
Delta R.T. 0.00 min
Lab File: BG033287.D
Acq: 21 Mar 2018 4:35

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.6	49.7	74.5	
227	65.0	48.1	72.1	





#35

Caprolactam

Concen: 45.906 ng

RT: 12.66 min Scan# 1595

Delta R.T. -0.02 min

Lab File: BG033287.D

Acq: 21 Mar 2018 4:35

Instrument :

BNA_G

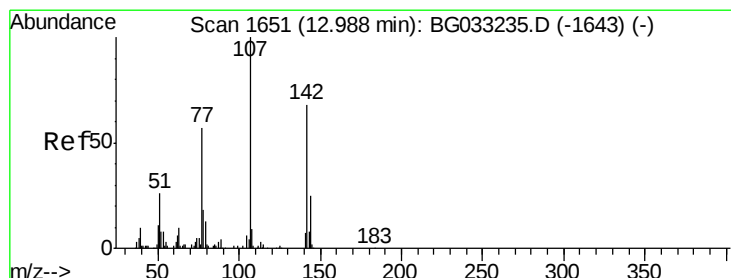
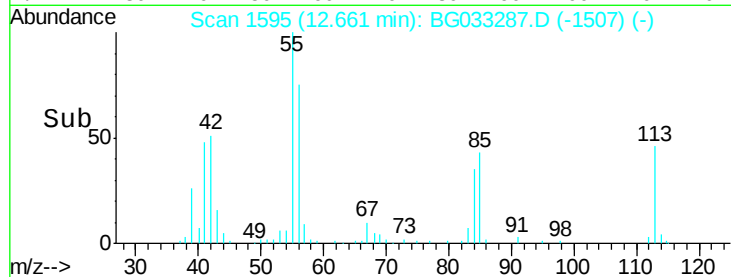
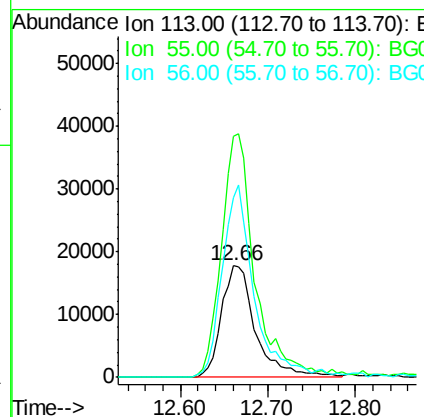
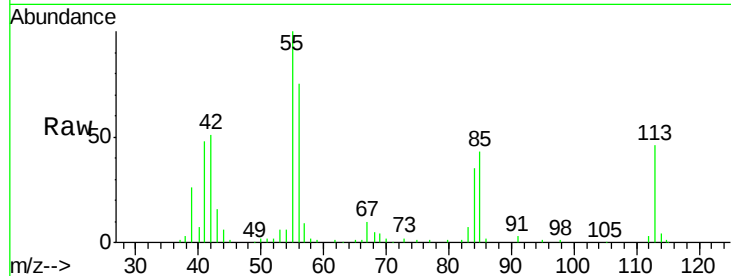
ClientSampleId :

PB107504BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	215.4		186.9	226.9	
56	160.9		130.9	170.9	

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#36

4-Chloro-3-methylphenol

Concen: 49.823 ng

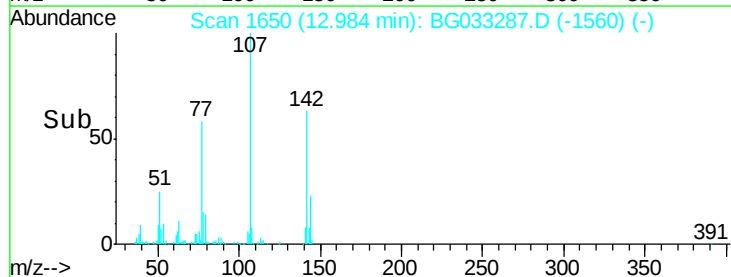
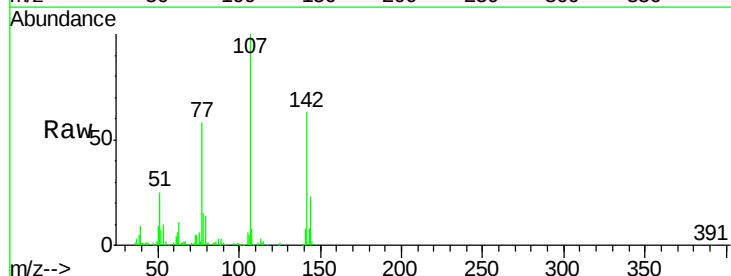
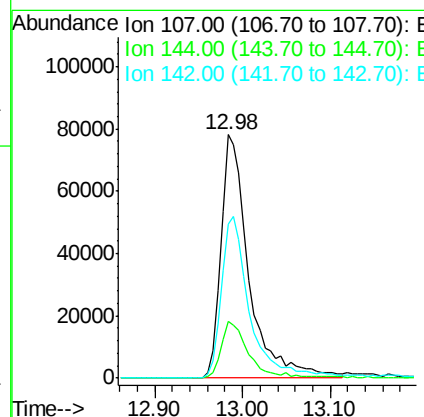
RT: 12.98 min Scan# 1650

Delta R.T. -0.00 min

Lab File: BG033287.D

Acq: 21 Mar 2018 4:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	23.4		18.2	27.4	
142	63.0		59.0	88.4	





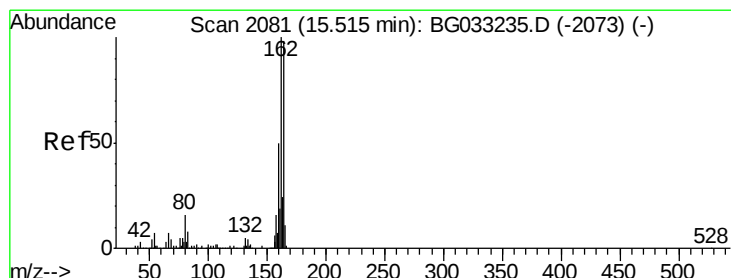
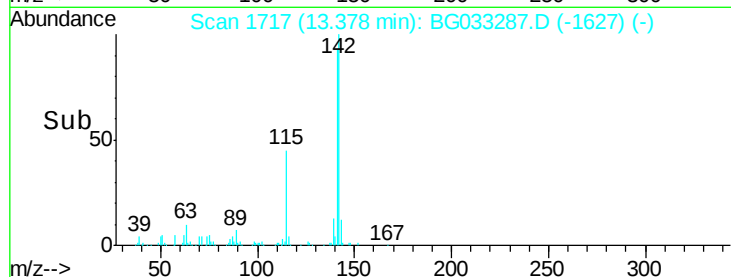
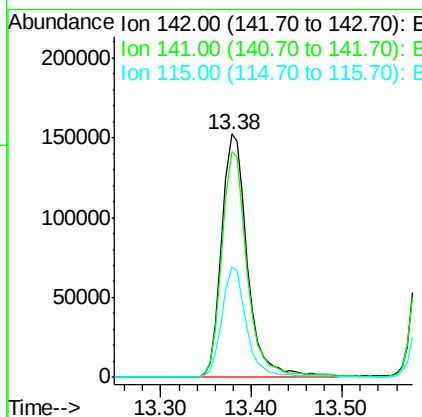
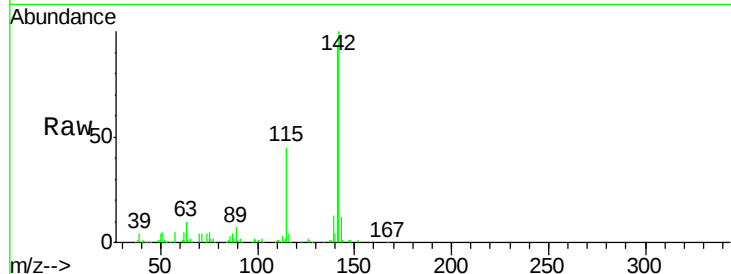
#37
2-Methylnaphthalene
Concen: 44.135 ng
RT: 13.38 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BG033287.D
Acq: 21 Mar 2018 4:35

Instrument :
BNA_G
ClientSampleId :
PB107504BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.7	67.1	100.7
115	45.2	30.7	46.1

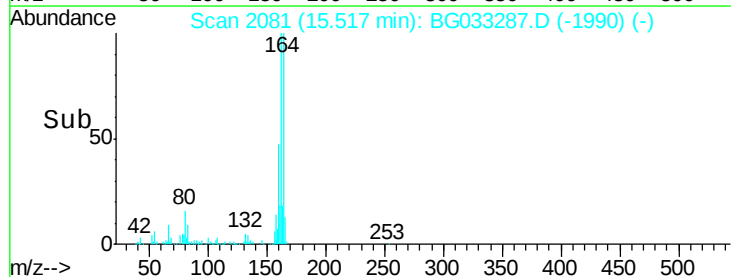
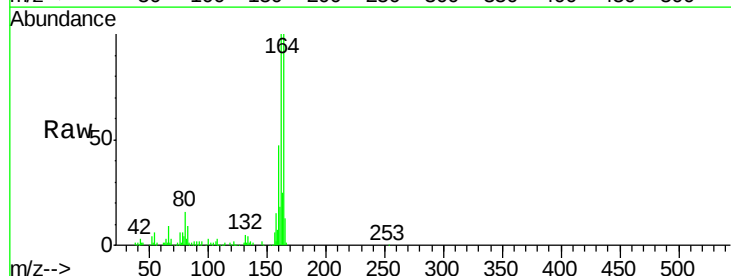
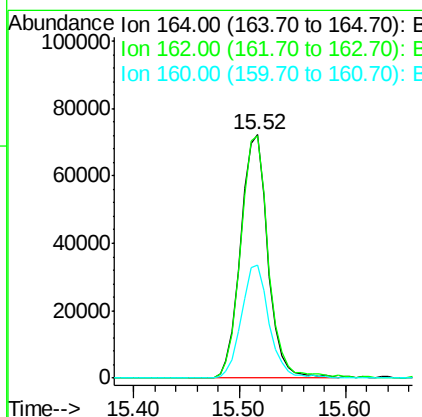
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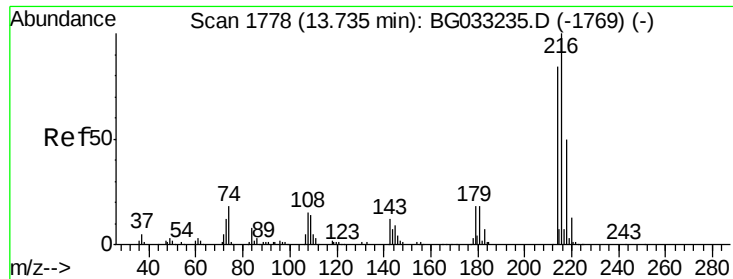
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.52 min Scan# 2081
Delta R.T. 0.00 min
Lab File: BG033287.D
Acq: 21 Mar 2018 4:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.6	78.8	118.2
160	46.6	35.4	53.0





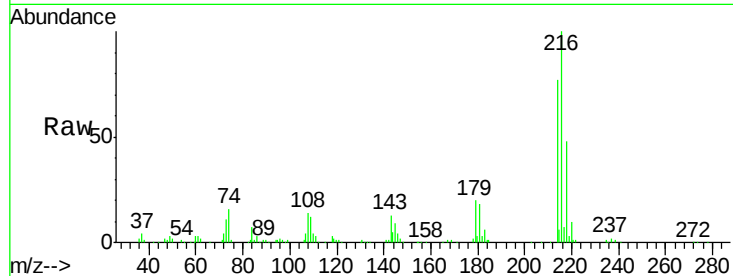
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.367 ng
 RT: 13.74 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BG033287.D
 Acq: 21 Mar 2018 4:35

Instrument :
 BNA_G
 ClientSampleId :
 PB107504BS

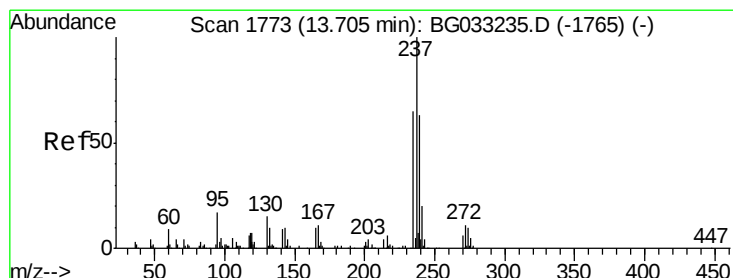
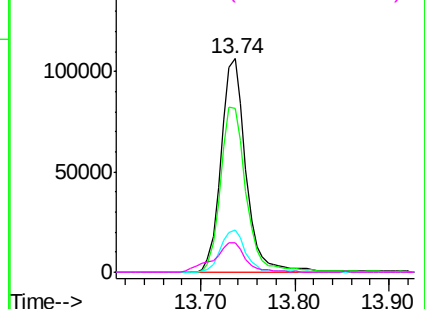
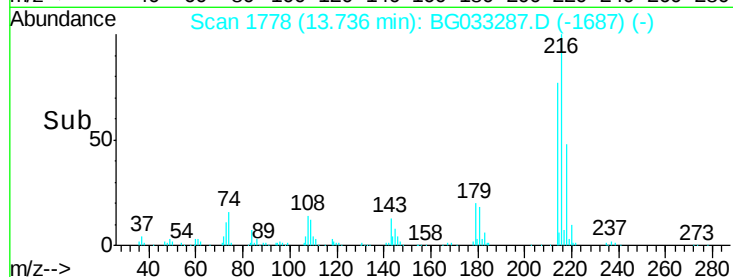
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		197685		
214	80.0	63.0	94.4		
179	20.0	17.0	25.6		
108	17.9	12.8	19.2		

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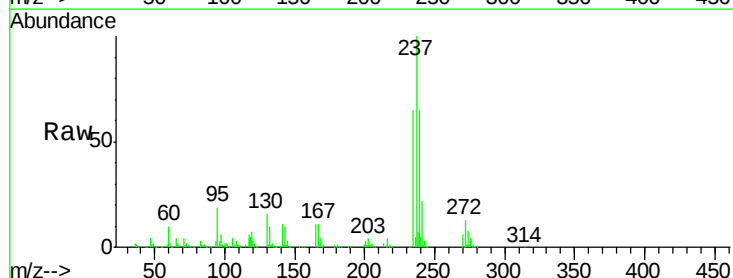


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

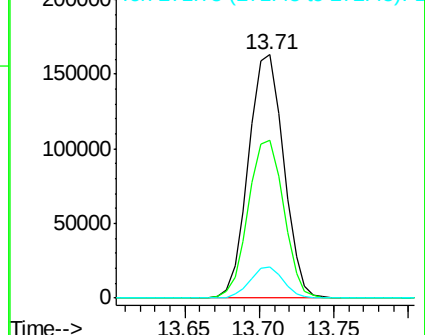
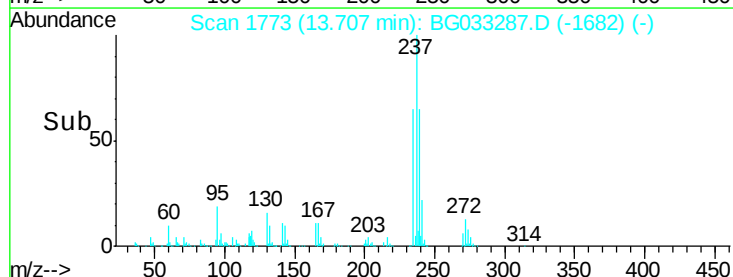


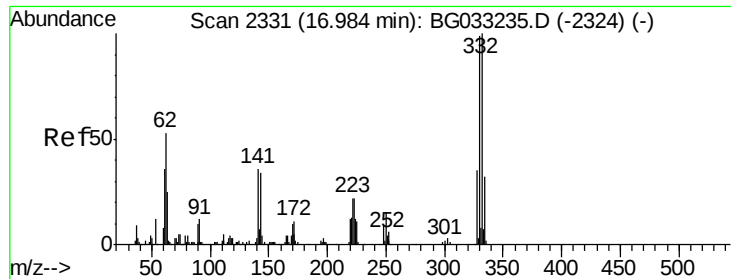
#40
 Hexachlorocyclopentadiene
 Concen: 97.412 ng
 RT: 13.71 min Scan# 1773
 Delta R.T. 0.00 min
 Lab File: BG033287.D
 Acq: 21 Mar 2018 4:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		266458		
235	64.9	50.4	90.4		
272	12.6	0.0	31.8		



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





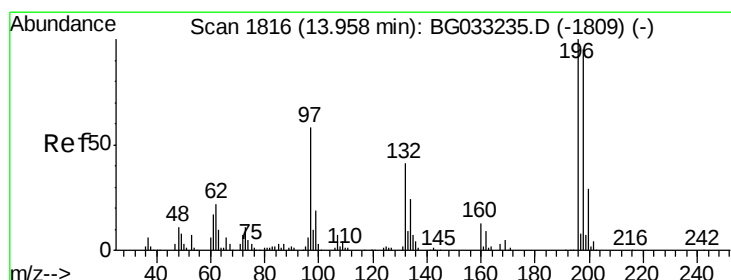
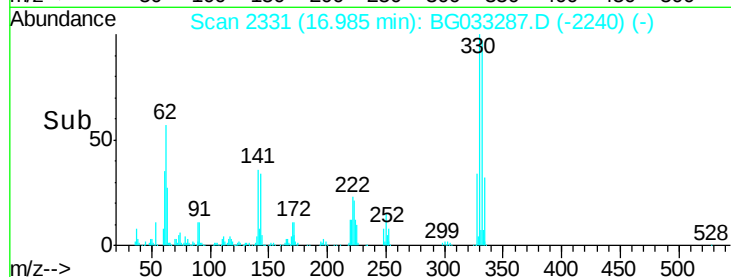
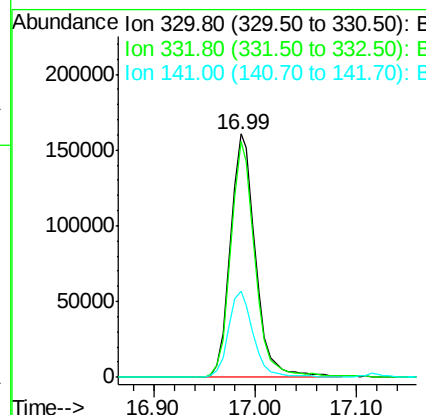
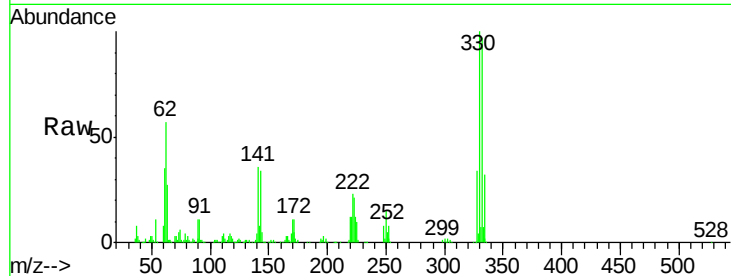
#41
 2,4,6-Tribromophenol
 Concen: 143.038 ng
 RT: 16.99 min Scan# 2331
 Delta R.T. 0.00 min
 Lab File: BG033287.D
 Acq: 21 Mar 2018 4:35

Instrument :
 BNA_G
 ClientSampleId :
 PB107504BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	275577		
332	93.4	77.0	115.6	
141	35.2	25.2	37.8	

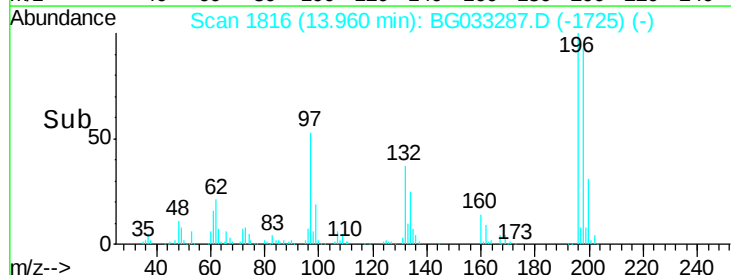
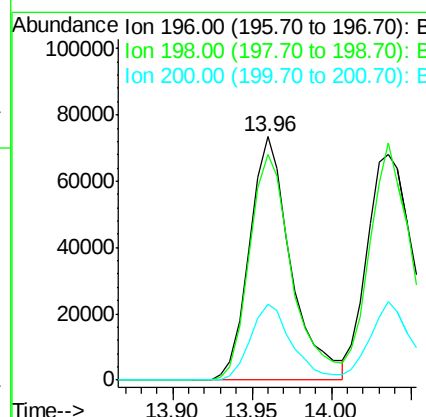
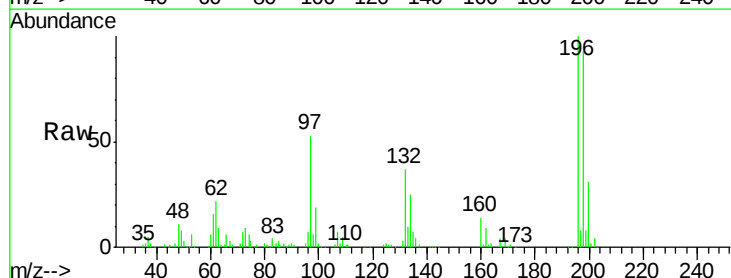
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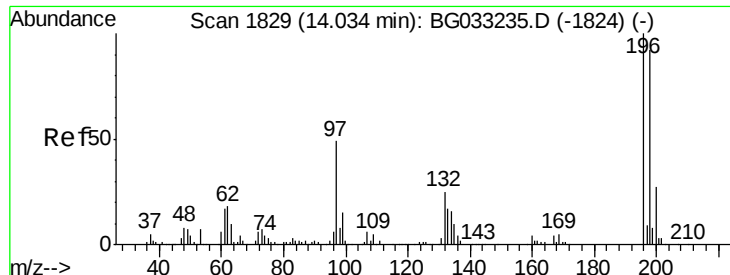
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#42
 2,4,6-Trichlorophenol
 Concen: 49.382 ng
 RT: 13.96 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: BG033287.D
 Acq: 21 Mar 2018 4:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	133874		
198	92.7	78.2	117.2	
200	31.0	24.6	36.8	





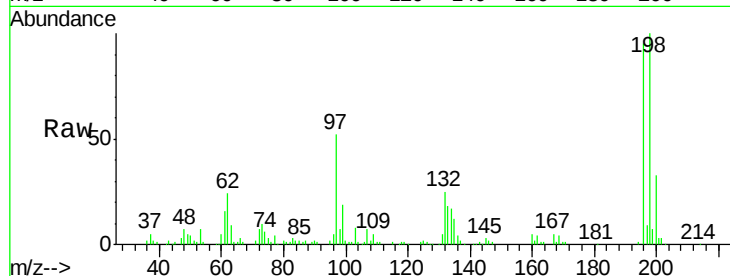
#43
2,4,5-Trichlorophenol
Concen: 47.131 ng
RT: 14.04 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BG033287.D
Acq: 21 Mar 2018 4:35

Instrument :
BNA_G
ClientSampleId :
PB107504BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	151026		
198	105.0	76.2	114.4	
97	55.0	38.7	58.1	
132	26.2	20.2	30.2	

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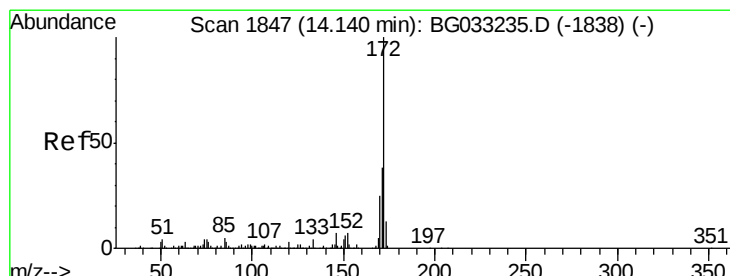
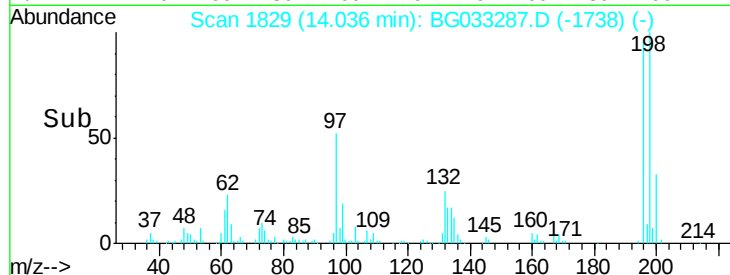
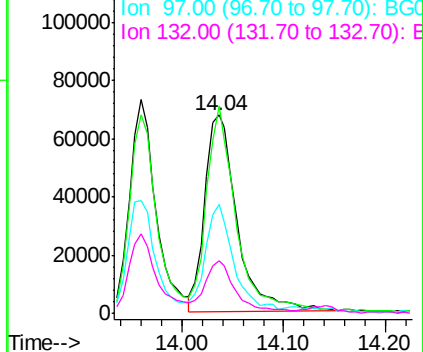
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 96.485 ng
RT: 14.14 min Scan# 1847
Delta R.T. 0.00 min
Lab File: BG033287.D
Acq: 21 Mar 2018 4:35

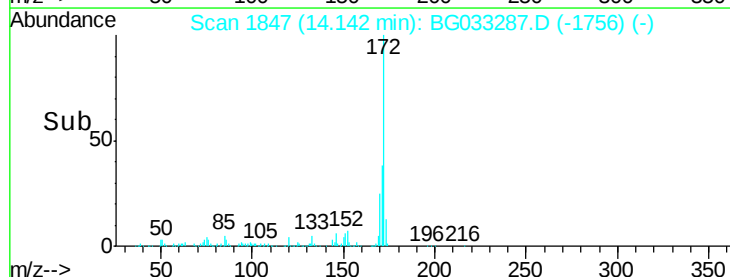
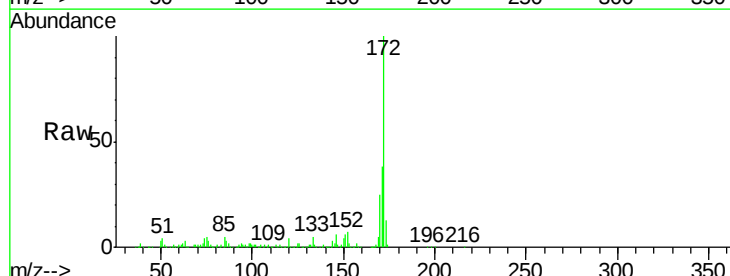
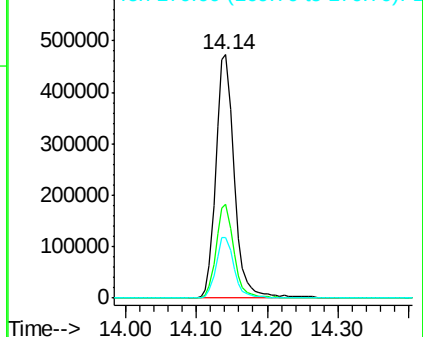
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	860941		
171	38.3	30.0	45.0	
170	25.1	19.5	29.3	

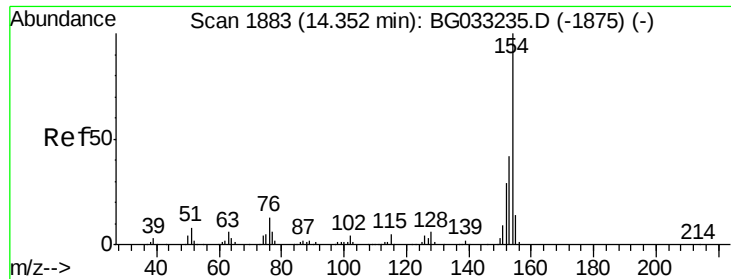
Abundance

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





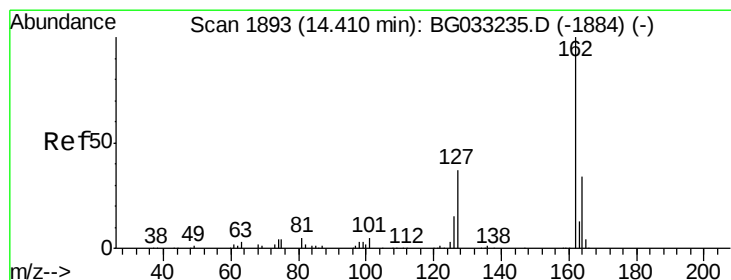
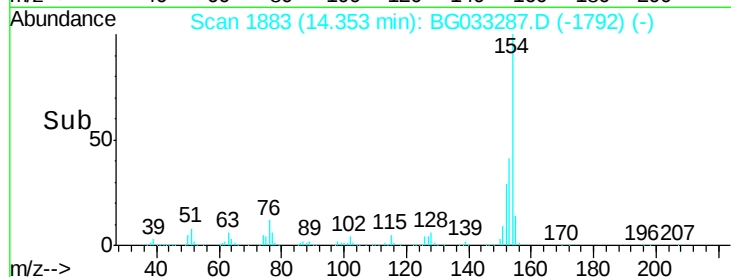
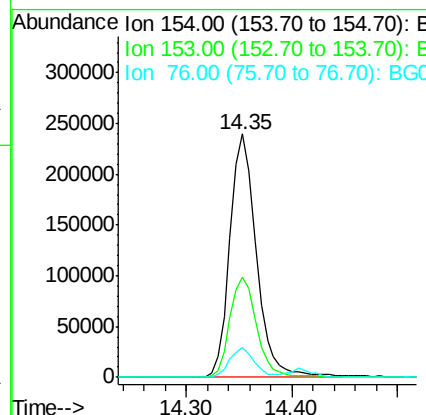
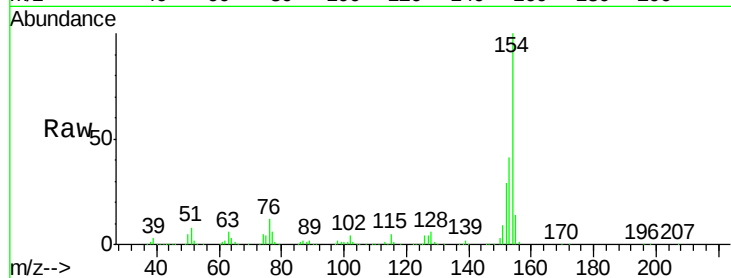
#45
 1,1'-Biphenyl
 Concen: 42.320 ng
 RT: 14.35 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: BG033287.D
 Acq: 21 Mar 2018 4:35

Instrument :
 BNA_G
 ClientSampleId :
 PB107504BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.1	19.8	59.8
76	12.0	0.0	31.9

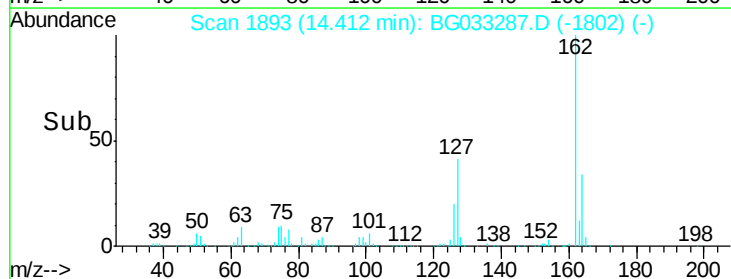
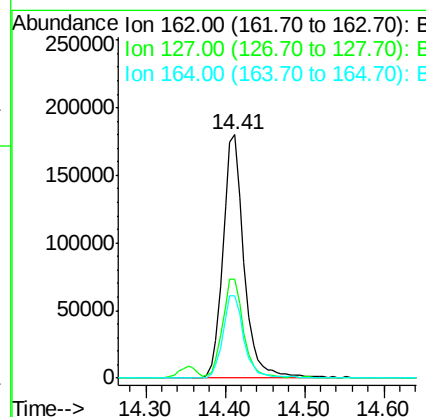
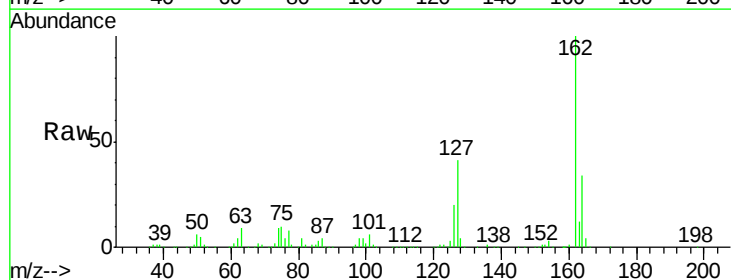
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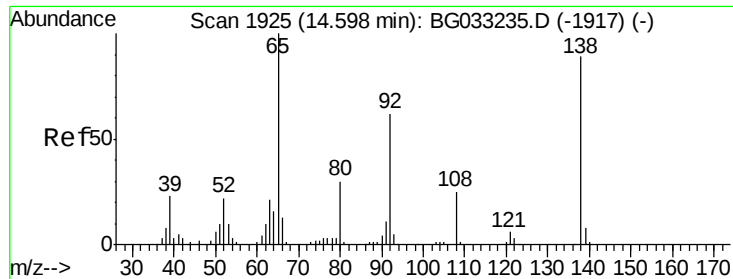
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#46
 2-Chloronaphthalene
 Concen: 43.310 ng
 RT: 14.41 min Scan# 1893
 Delta R.T. 0.00 min
 Lab File: BG033287.D
 Acq: 21 Mar 2018 4:35

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.7	30.7	46.1
164	33.9	26.0	39.0





#47

2-Nitroaniline

Concen: 46.000 ng

RT: 14.60 min Scan# 1925

Delta R.T. 0.00 min

Lab File: BG033287.D

Acq: 21 Mar 2018 4:35

Instrument :

BNA_G

ClientSampleId :

PB107504BS

Tot Ion: 65 Resp: 131476

Ion Ratio Lower Upper

65 100

92 61.7 54.6 82.0

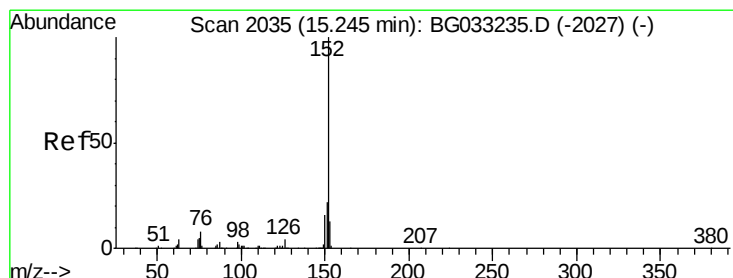
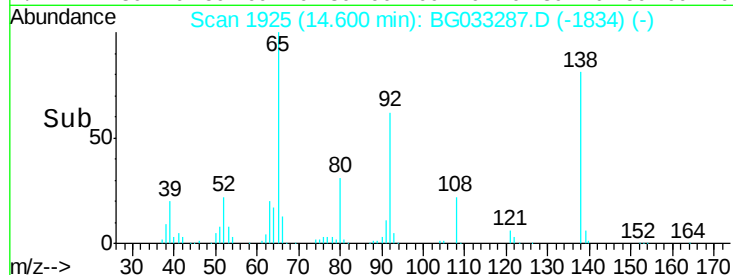
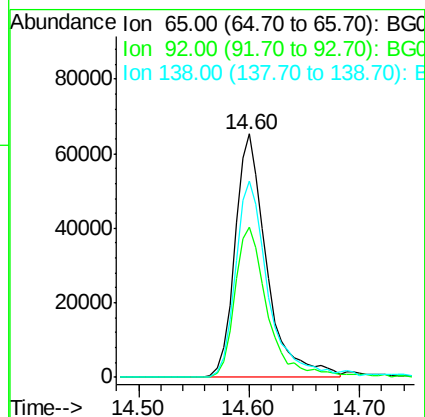
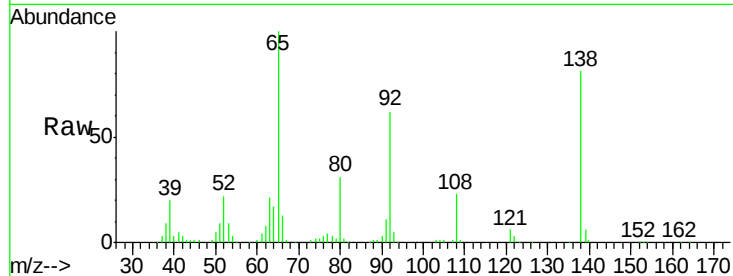
138 80.7 72.9 109.3

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#48

Acenaphthylene

Concen: 41.706 ng

RT: 15.25 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BG033287.D

Acq: 21 Mar 2018 4:35

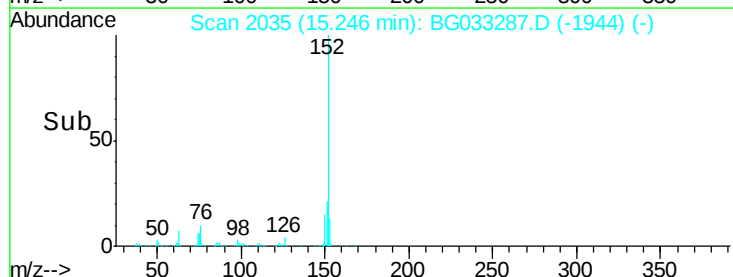
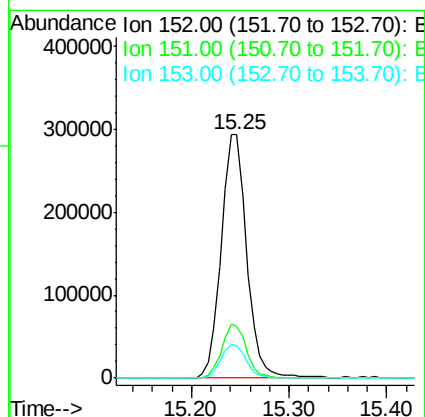
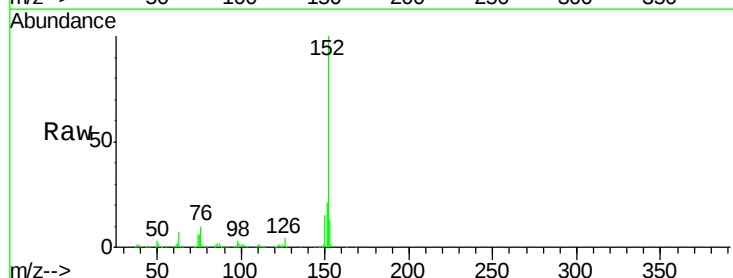
Tgt Ion: 152 Resp: 531220

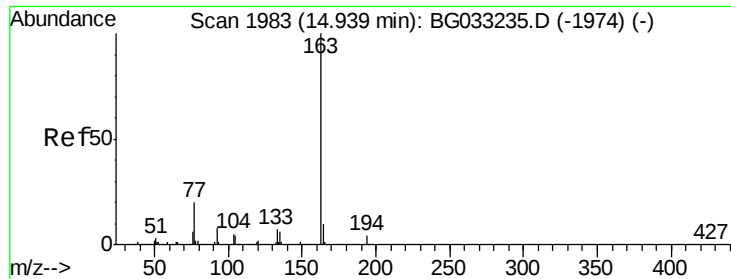
Ion Ratio Lower Upper

152 100

151 21.2 17.2 25.8

153 13.2 10.2 15.4





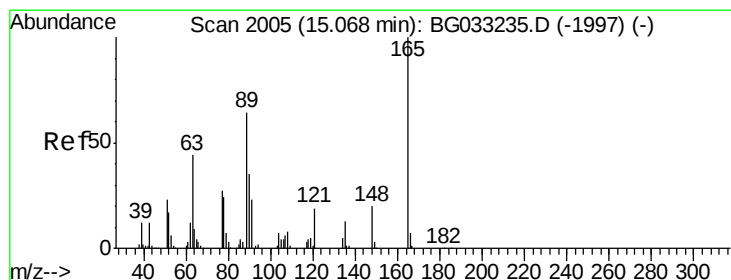
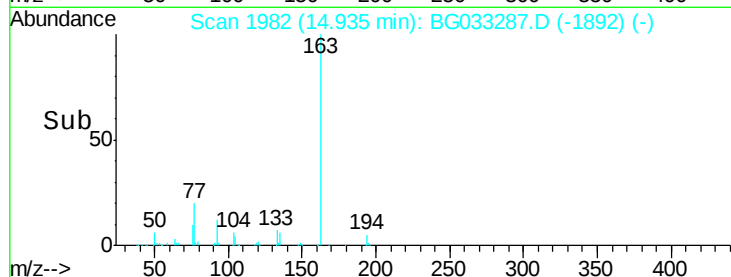
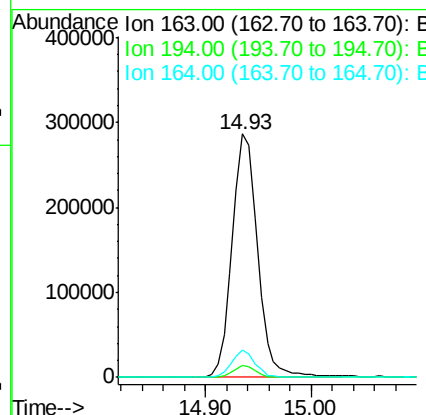
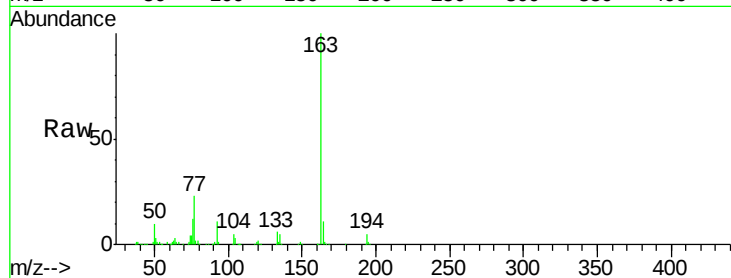
#49
Dimethylphthalate
Concen: 42.563 ng
RT: 14.93 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG033287.D
Acq: 21 Mar 2018 4:35

Instrument :
BNA_G
ClientSampleId :
PB107504BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	477150		
194	5.0		3.4	5.2
164	11.0		8.2	12.4

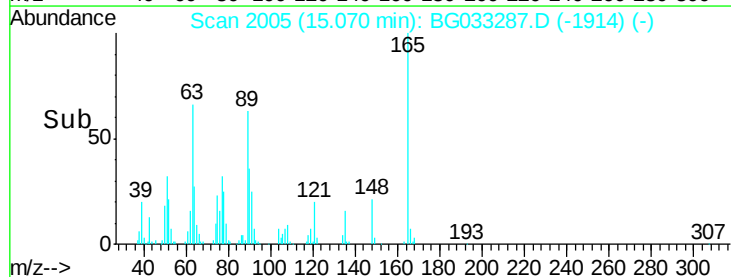
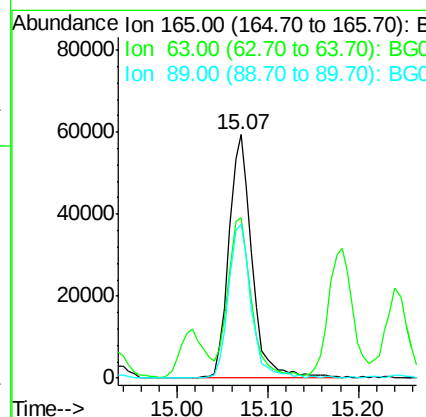
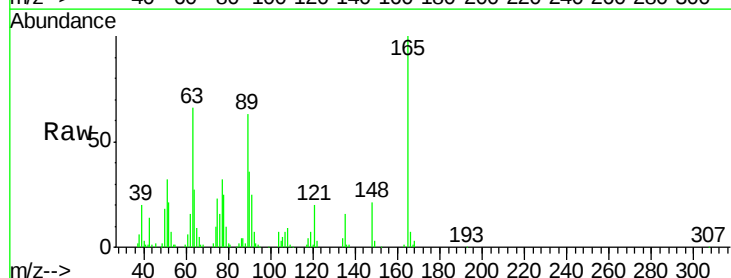
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#50
2,6-Dinitrotoluene
Concen: 45.706 ng
RT: 15.07 min Scan# 2005
Delta R.T. 0.00 min
Lab File: BG033287.D
Acq: 21 Mar 2018 4:35

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	104769		
63	65.9		52.7	79.1
89	63.4		49.2	73.8





#51

Acenaphthene

Concen: 39.539 ng

RT: 15.58 min Scan# 2091

Delta R.T. 0.00 min

Lab File: BG033287.D

Acq: 21 Mar 2018 4:35

Instrument :

BNA_G

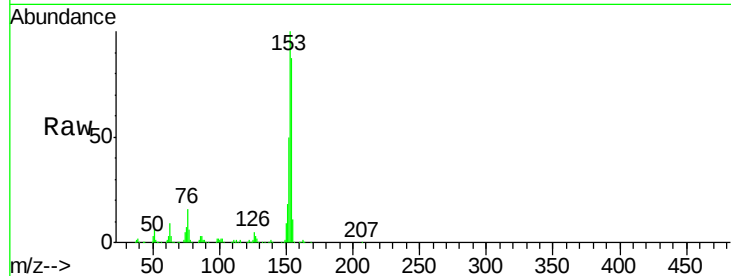
ClientSampleId :

PB107504BS

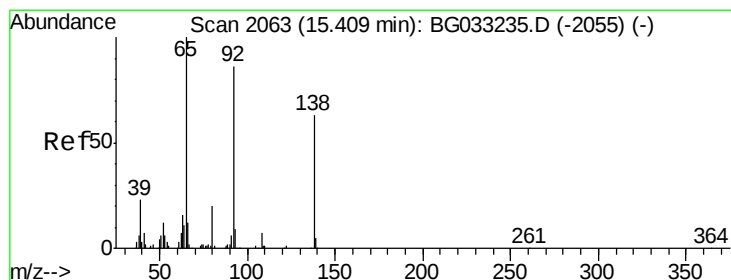
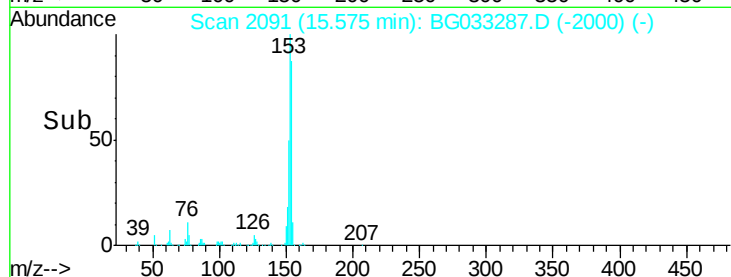
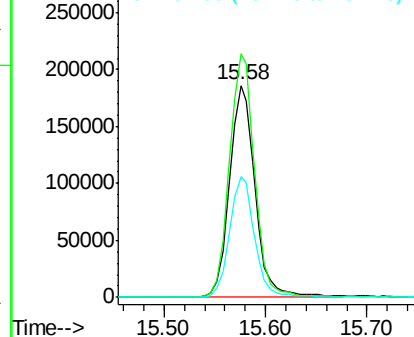
Tot Ion:	154	Resp:	324654
Ion Ratio	Lower	Upper	
154	100		
153	114.9	90.4	135.6
152	57.1	41.6	62.4

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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: 22.416 ng

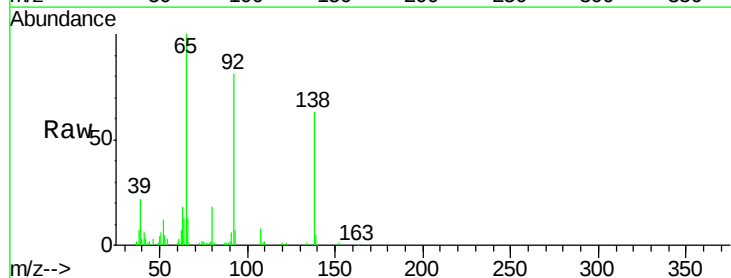
RT: 15.41 min Scan# 2063

Delta R.T. 0.00 min

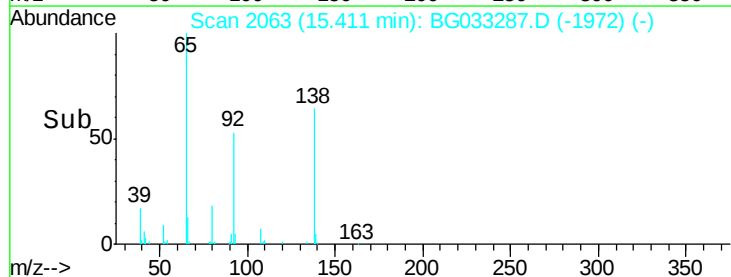
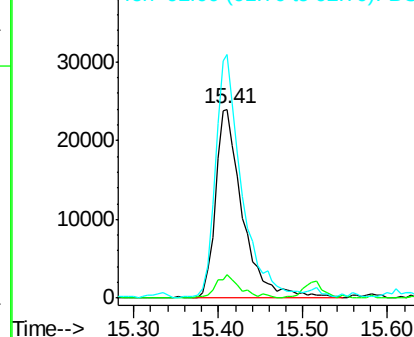
Lab File: BG033287.D

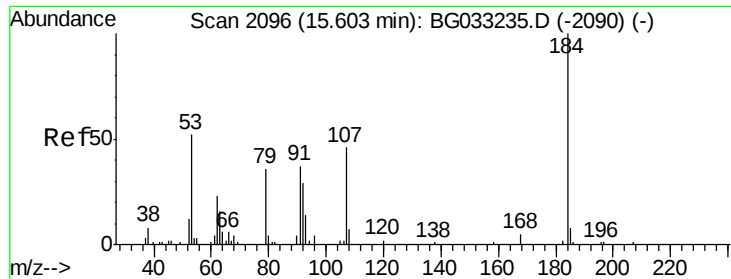
Acq: 21 Mar 2018 4:35

Tgt Ion:	138	Resp:	53870
Ion Ratio	Lower	Upper	
138	100		
108	12.4	17.5	26.3#
92	129.1	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): BGC





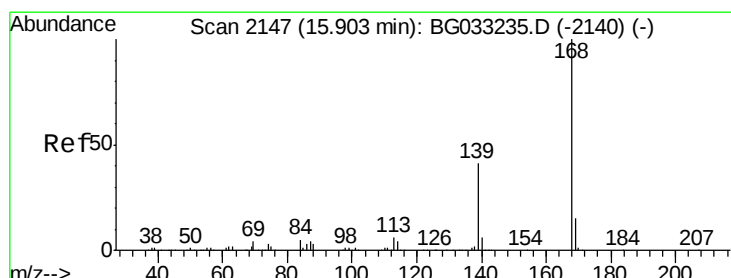
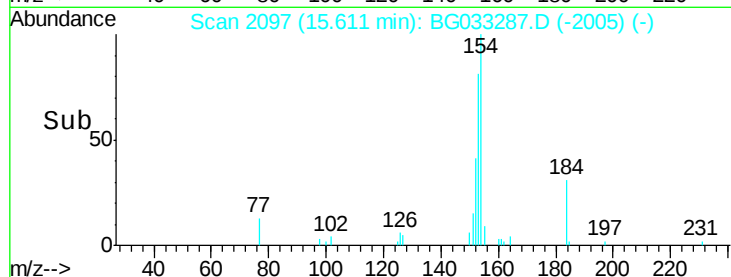
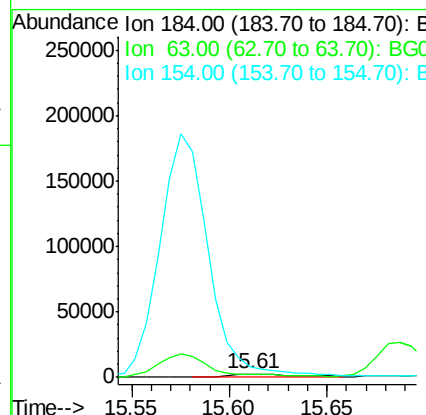
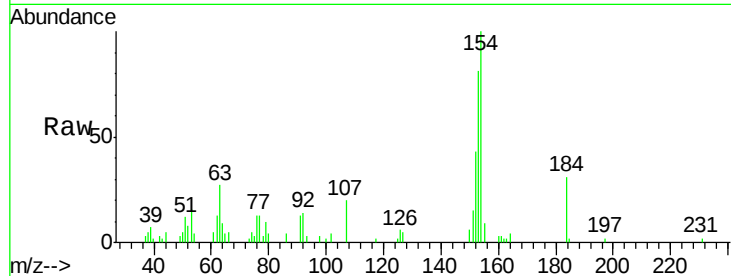
#53
2,4-Dinitrophenol
Concen: 12.333 ng
RT: 15.61 min Scan# 2097
Delta R.T. 0.01 min
Lab File: BG033287.D
Acq: 21 Mar 2018 4:35

Instrument :
BNA_G
ClientSampleId :
PB107504BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	86.5	59.8	89.8
154	325.8	101.8	152.8#

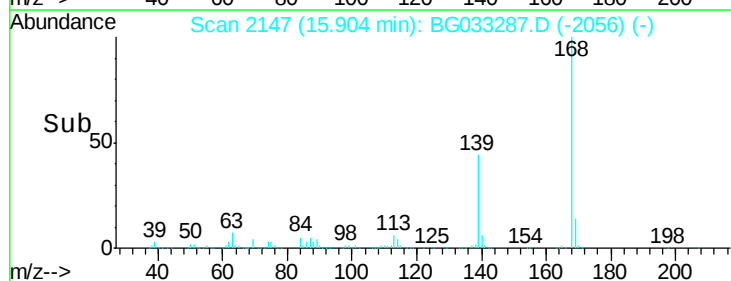
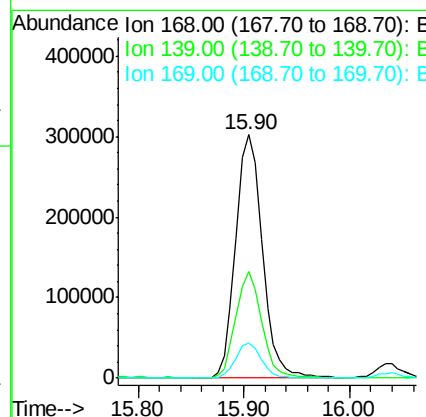
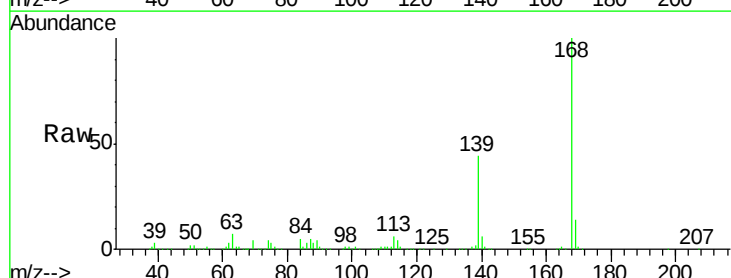
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#54
Dibenzofuran
Concen: 43.686 ng
RT: 15.90 min Scan# 2147
Delta R.T. 0.00 min
Lab File: BG033287.D
Acq: 21 Mar 2018 4:35

Tgt Ion	Ratio	Lower	Upper
168	100		
139	43.7	28.6	43.0#
169	14.5	11.2	16.8





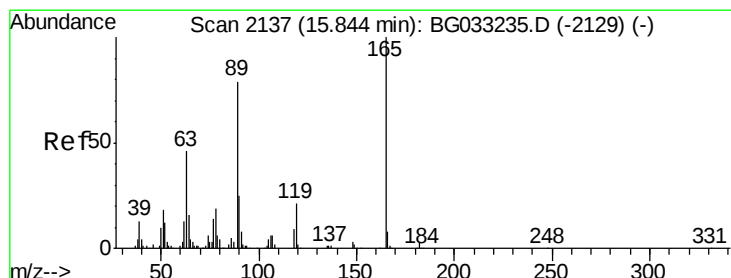
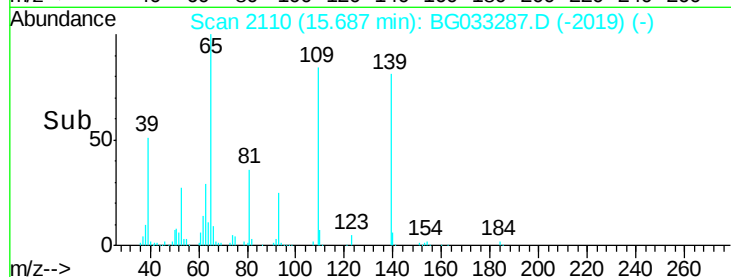
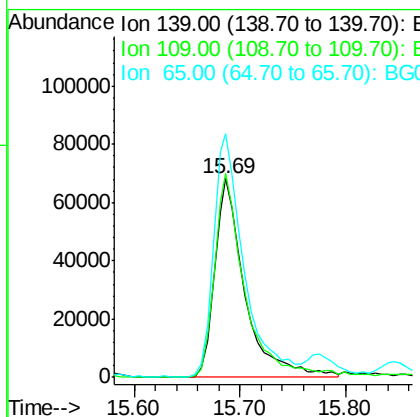
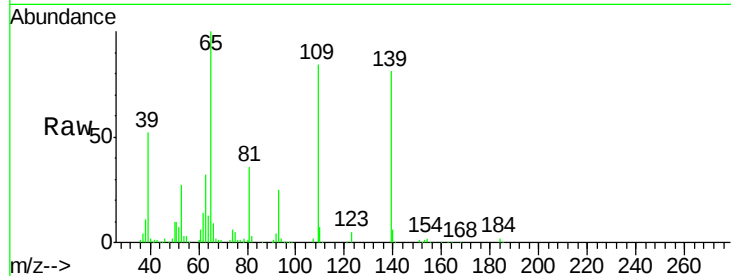
#55
4-Nitrophenol
Concen: 80.372 ng
RT: 15.69 min Scan# 2110
Delta R.T. 0.00 min
Lab File: BG033287.D
Acq: 21 Mar 2018 4:35

Instrument :
BNA_G
ClientSampled :
PB107504BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	103.1	62.2	102.2#	
65	122.7	97.2	137.2	

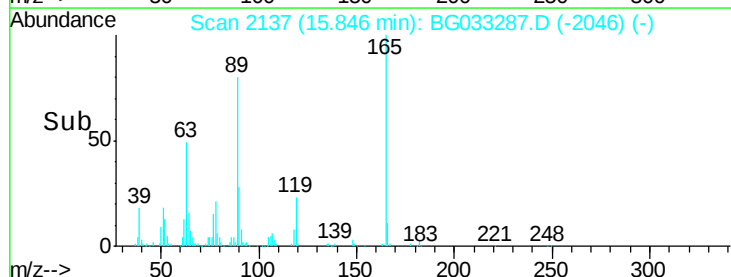
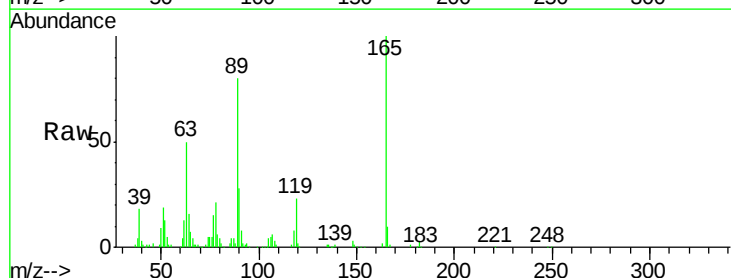
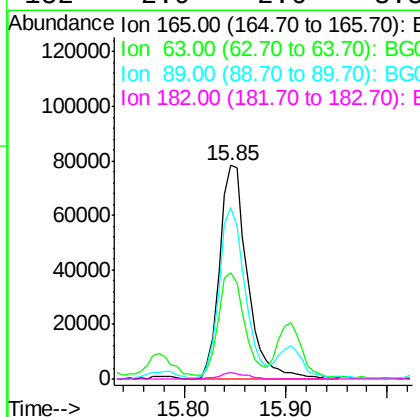
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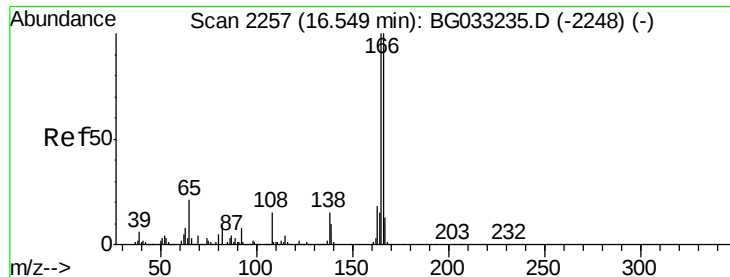
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#56
2,4-Dinitrotoluene
Concen: 44.036 ng
RT: 15.85 min Scan# 2137
Delta R.T. 0.00 min
Lab File: BG033287.D
Acq: 21 Mar 2018 4:35

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	49.7	42.0	63.0	
89	80.1	66.9	100.3	
182	2.9	2.6	3.8	





#57

Fluorene

Concen: 42.423 ng

RT: 16.54 min Scan# 2256

Delta R.T. -0.00 min

Lab File: BG033287.D

Acq: 21 Mar 2018 4:35

Instrument :

BNA_G

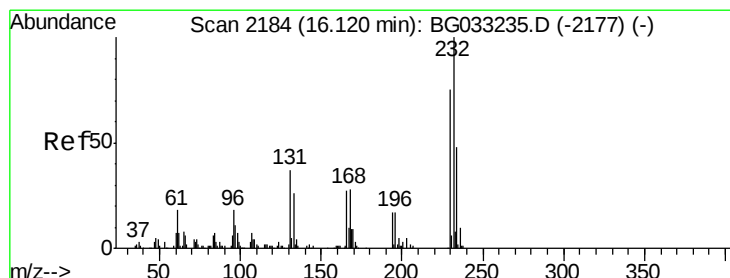
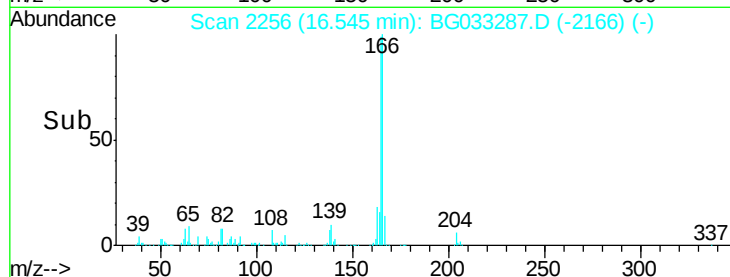
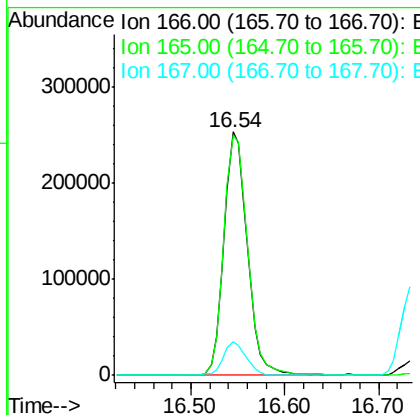
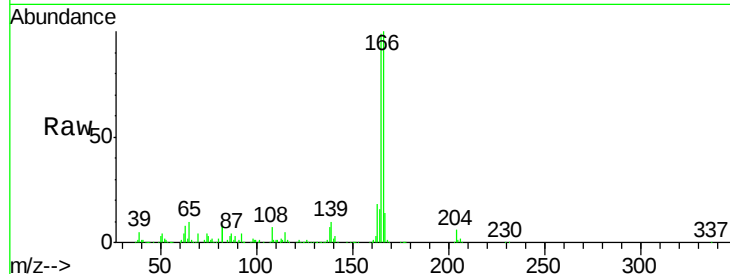
ClientSampleId :

PB107504BS

Tot Ion:	166	Resp:	438339
Ion Ratio	Lower	Upper	
166	100		
165	98.6	80.6	121.0
167	14.1	10.4	15.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 45.532 ng

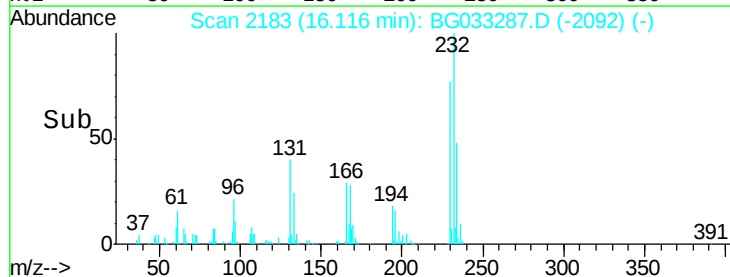
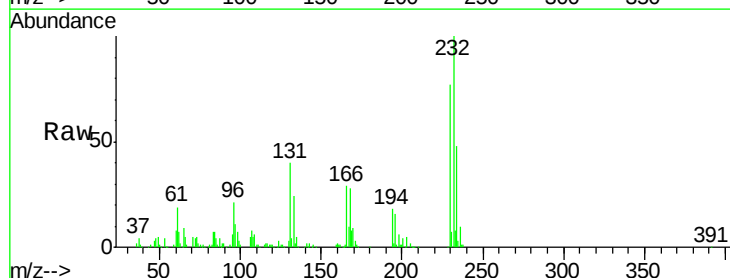
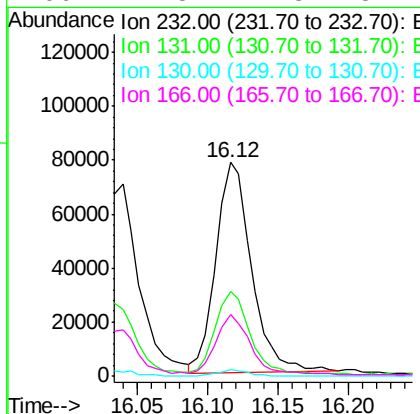
RT: 16.12 min Scan# 2183

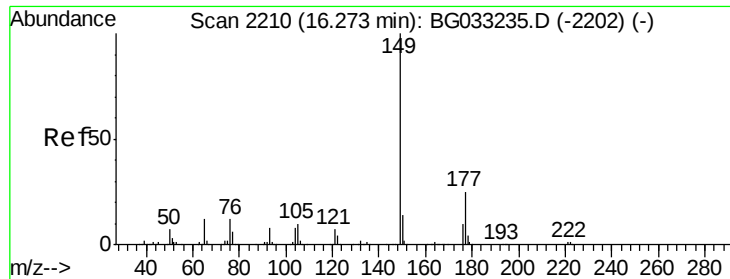
Delta R.T. 0.00 min

Lab File: BG033287.D

Acq: 21 Mar 2018 4:35

Tgt Ion:	232	Resp:	137354
Ion Ratio	Lower	Upper	
232	100		
131	40.1	33.5	50.3
130	2.5	2.2	3.2
166	27.8	24.8	37.2





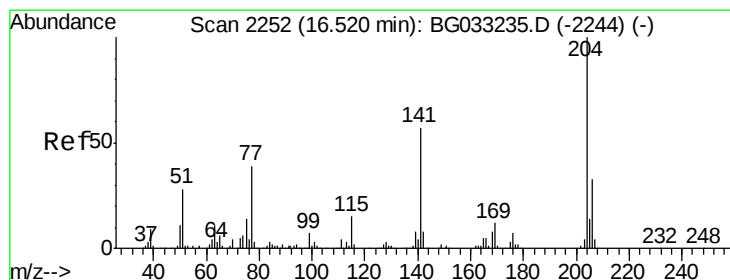
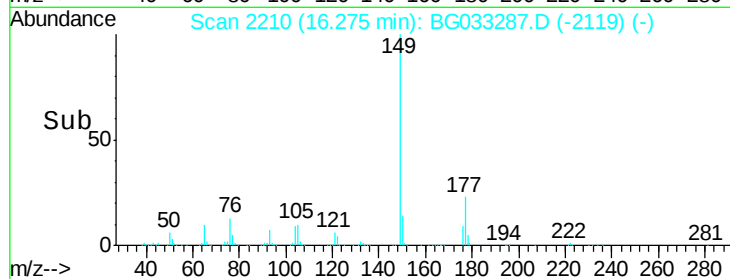
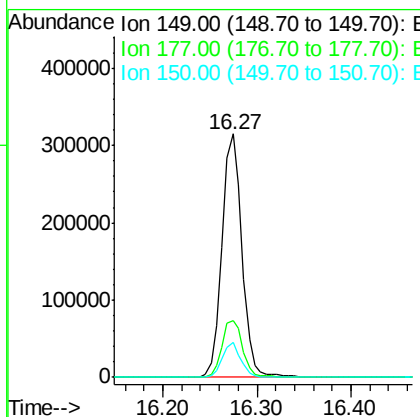
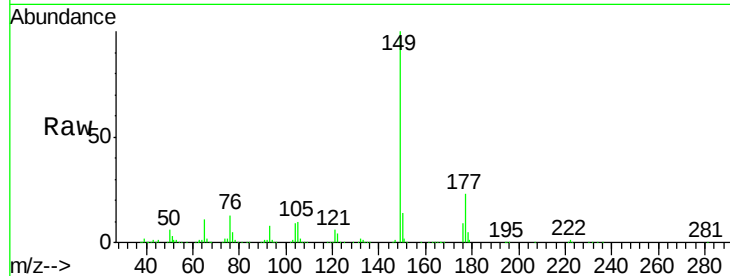
#59
Diethylphthalate
Concen: 42.919 ng
RT: 16.27 min Scan# 2210
Delta R.T. 0.00 min
Lab File: BG033287.D
Acq: 21 Mar 2018 4:35

Instrument :
BNA_G
ClientSampleId :
PB107504BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	467199		
177	23.5	18.5	27.7	
150	14.3	10.2	15.2	

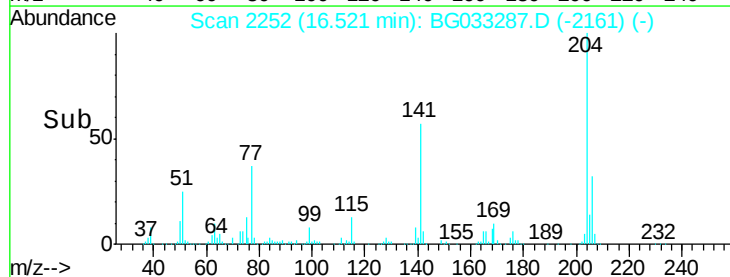
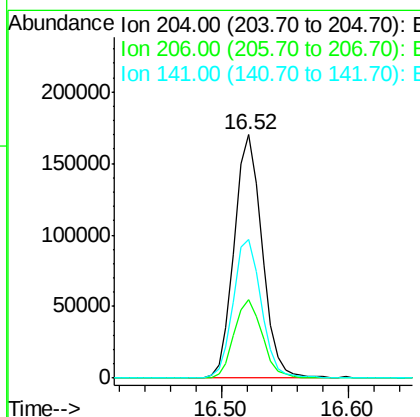
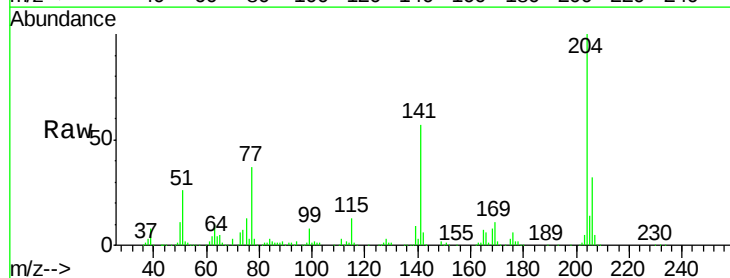
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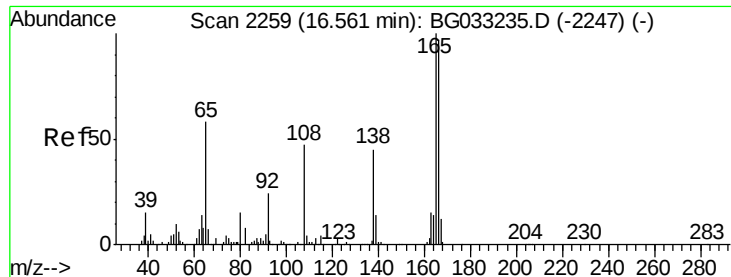
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 43.660 ng
RT: 16.52 min Scan# 2252
Delta R.T. 0.00 min
Lab File: BG033287.D
Acq: 21 Mar 2018 4:35

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	259329		
206	32.2	26.2	39.2	
141	56.7	45.8	68.6	





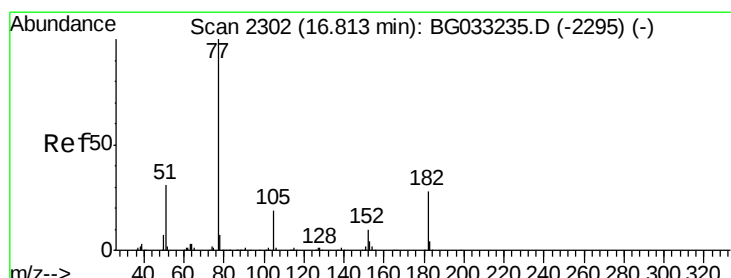
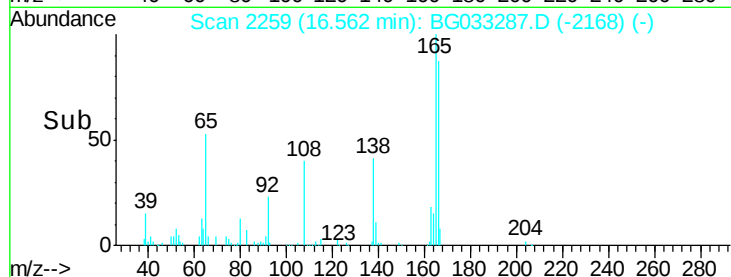
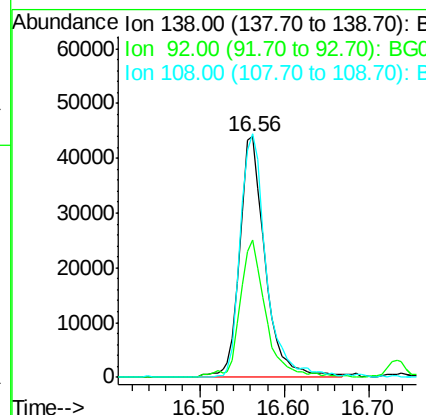
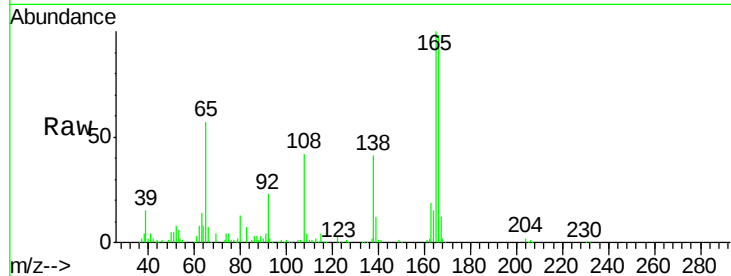
#61
4-Nitroaniline
Concen: 37.671 ng
RT: 16.56 min Scan# 2259
Delta R.T. 0.00 min
Lab File: BG033287.D
Acq: 21 Mar 2018 4:35

Instrument :
BNA_G
ClientSampleId :
PB107504BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	91676		
92	56.9	40.1	80.1	
108	101.1	65.4	105.4	

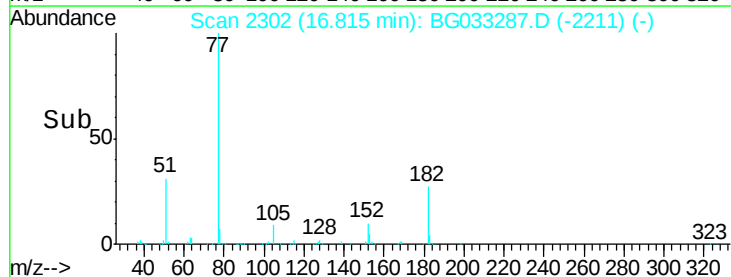
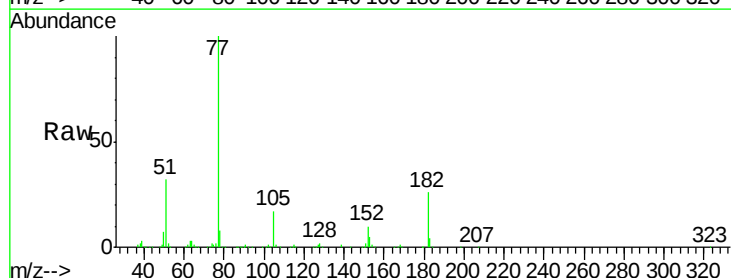
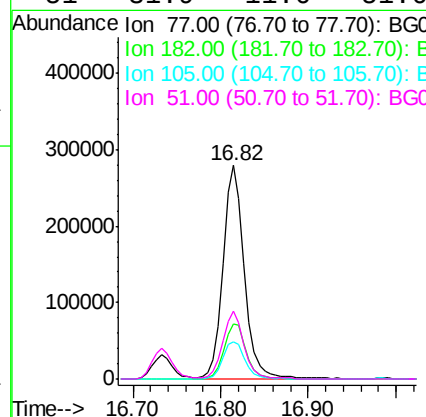
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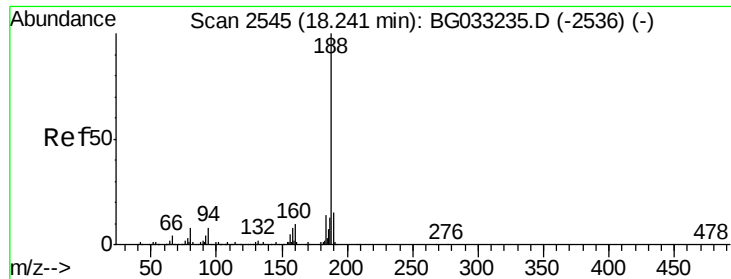
Sohil
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#62
Azobenzene
Concen: 44.540 ng
RT: 16.82 min Scan# 2302
Delta R.T. 0.00 min
Lab File: BG033287.D
Acq: 21 Mar 2018 4:35

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	469664		
182	26.0	7.4	47.4	
105	17.4	0.3	40.3	
51	31.9	11.6	51.6	





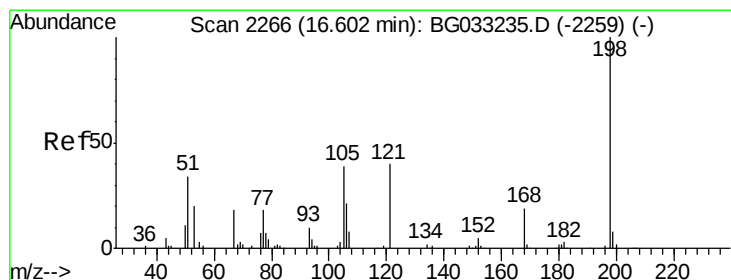
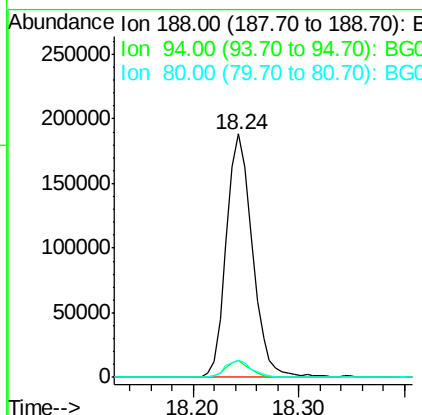
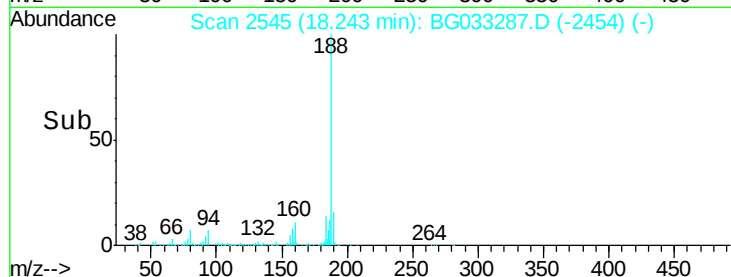
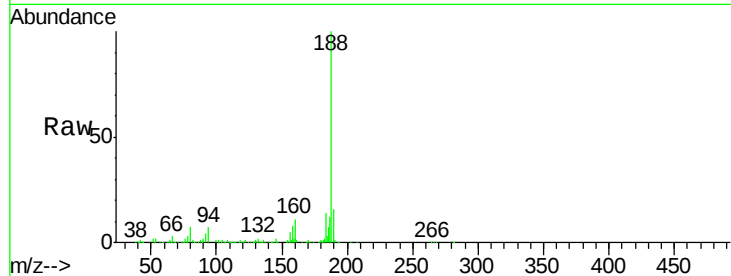
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.24 min Scan# 2545
Delta R.T. 0.00 min
Lab File: BG033287.D
Acq: 21 Mar 2018 4:35

Instrument :
BNA_G
ClientSampled :
PB107504BS

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	6.9	6.9	10.3
80	7.2	7.7	11.5#

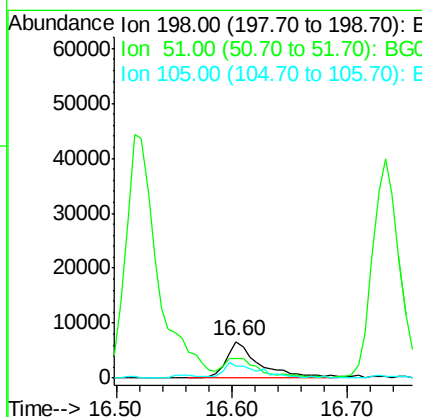
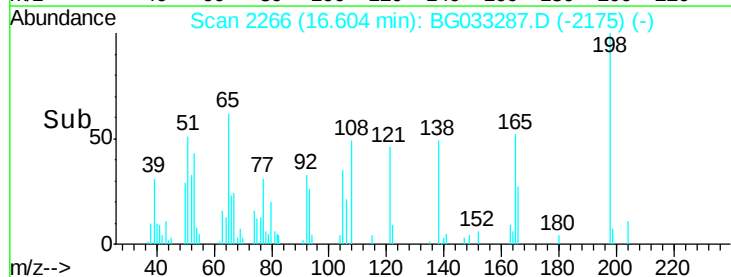
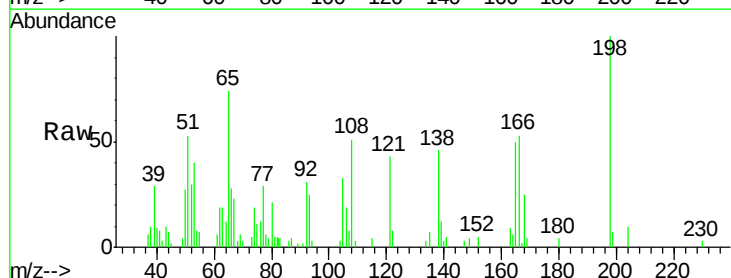
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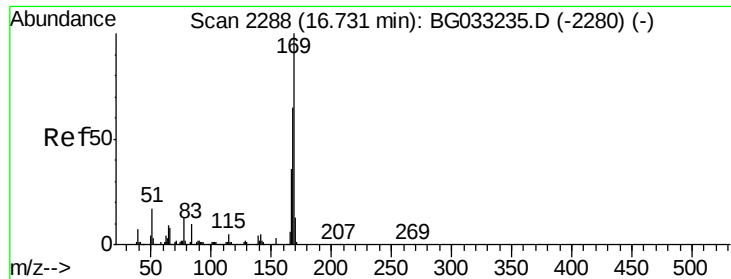
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 6.793 ng
RT: 16.60 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BG033287.D
Acq: 21 Mar 2018 4:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	53.3	30.6	70.6
105	32.8	23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 44.734 ng

RT: 16.73 min Scan# 2288

Delta R.T. 0.00 min

Lab File: BG033287.D

Acq: 21 Mar 2018 4:35

Instrument :

BNA_G

ClientSampleId :

PB107504BS

Tot Ion:169 Resp: 411706

Ion Ratio Lower Upper

169 100

168 65.5 55.7 83.5

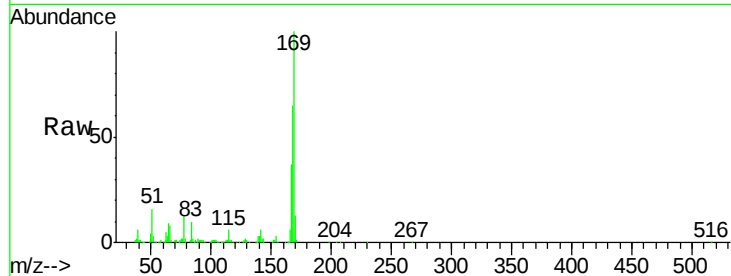
167 37.4 30.1 45.1

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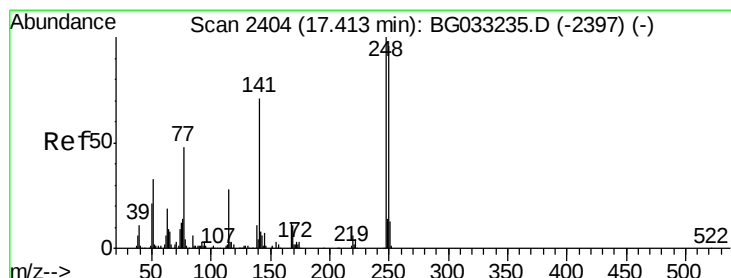
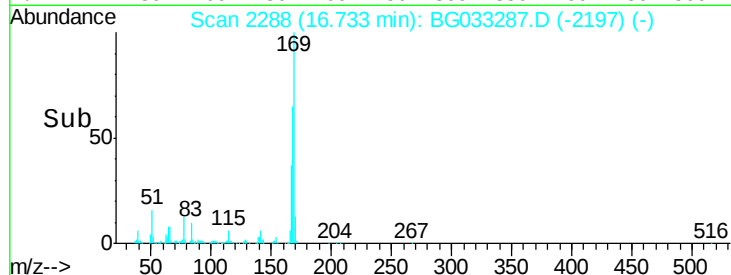
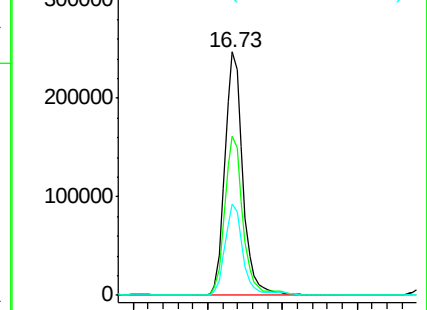
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 45.474 ng

RT: 17.41 min Scan# 2404

Delta R.T. 0.00 min

Lab File: BG033287.D

Acq: 21 Mar 2018 4:35

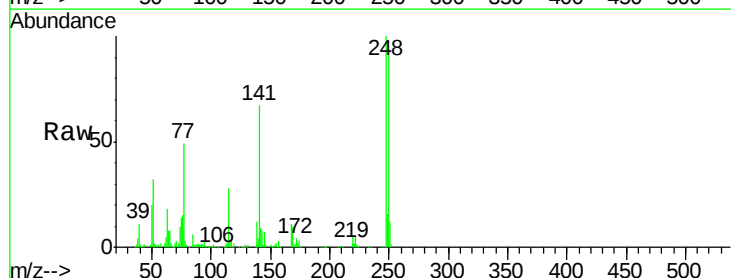
Tgt Ion:248 Resp: 172167

Ion Ratio Lower Upper

248 100

250 94.4 77.1 115.7

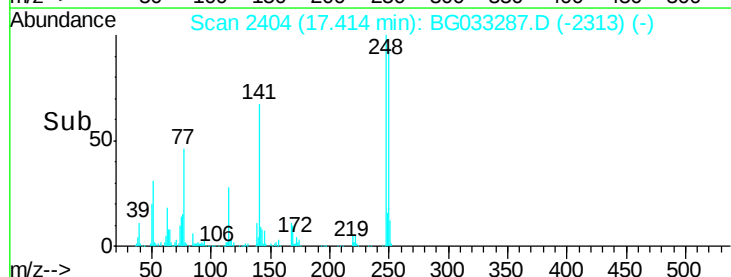
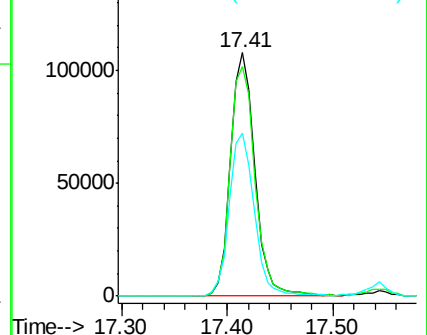
141 66.8 50.8 76.2

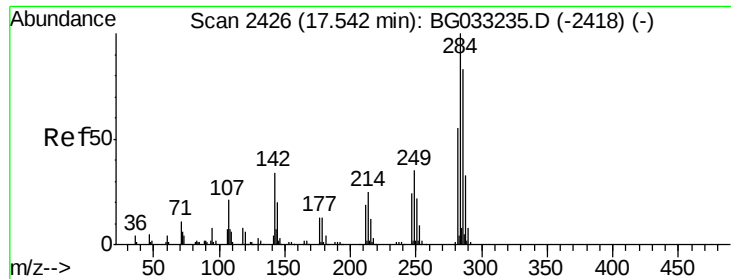


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 43.464 ng

RT: 17.54 min Scan# 2426

Delta R.T. 0.00 min

Lab File: BG033287.D

Acq: 21 Mar 2018 4:35

Instrument :

BNA_G

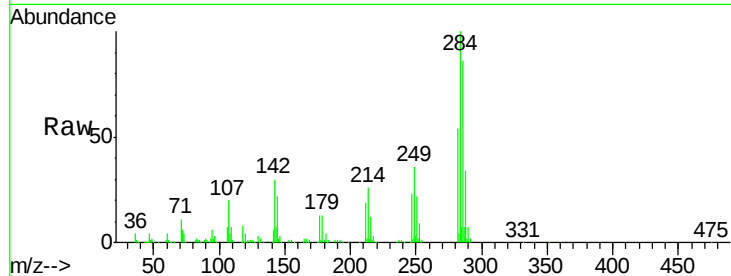
ClientSampleId :

PB107504BS

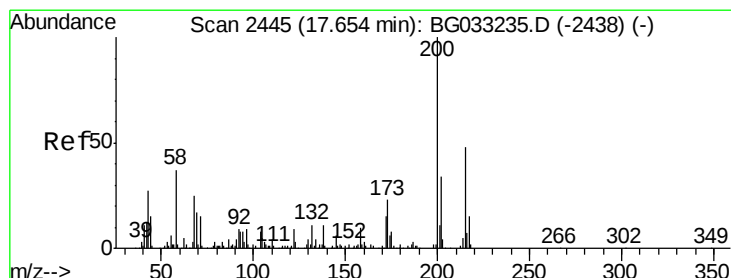
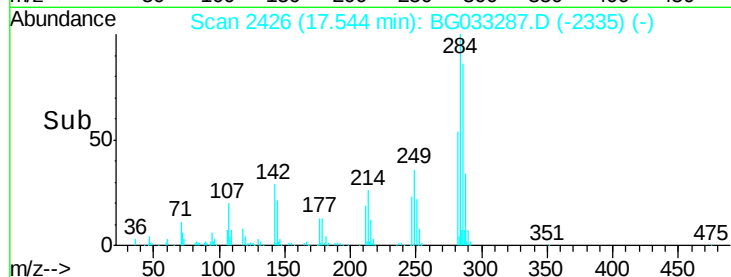
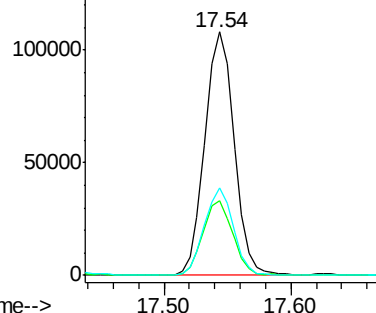
Tot Ion:	284	Resp:	173667
Ion Ratio		Lower	Upper
284	100		
142	30.5	26.8	40.2
249	36.1	26.3	39.5

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



#68

Atrazine

Concen: 45.254 ng

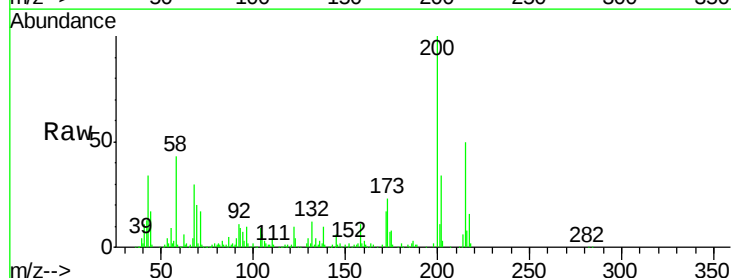
RT: 17.65 min Scan# 2444

Delta R.T. -0.00 min

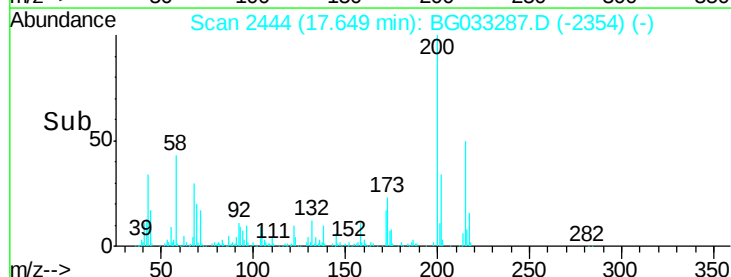
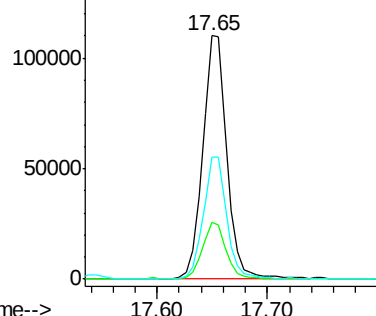
Lab File: BG033287.D

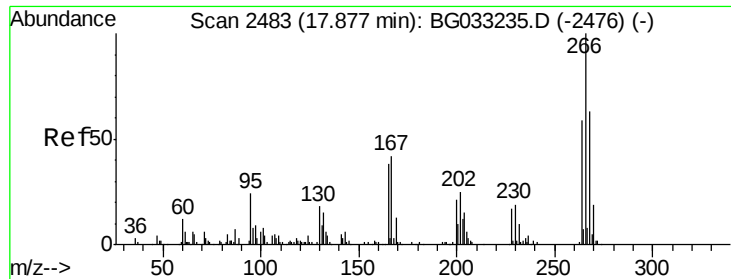
Acq: 21 Mar 2018 4:35

Tgt Ion:	200	Resp:	168772
Ion Ratio		Lower	Upper
200	100		
173	23.2	5.2	45.2
215	50.0	30.4	70.4



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





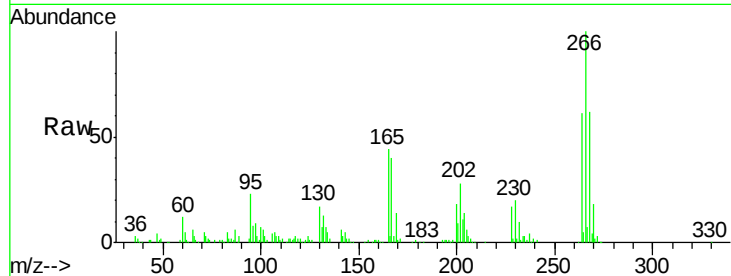
#69
 Pentachlorophenol
 Concen: 40.766 ng
 RT: 17.88 min Scan# 2483
 Delta R.T. 0.00 min
 Lab File: BG033287.D
 Acq: 21 Mar 2018 4:35

Instrument :
 BNA_G
 ClientSampleId :
 PB107504BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.7	51.1	76.7
264	60.9	49.6	74.4

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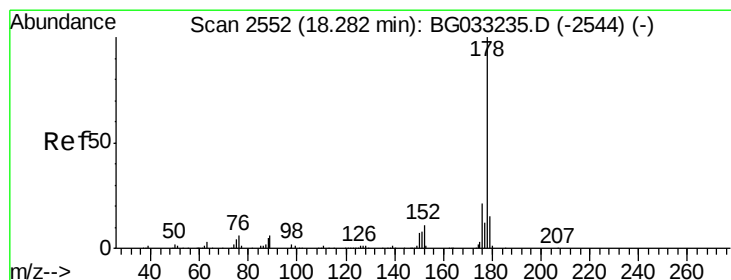
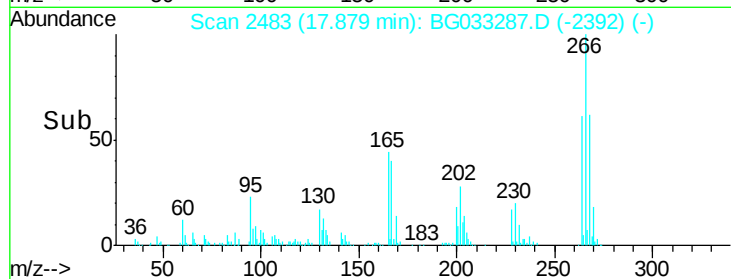
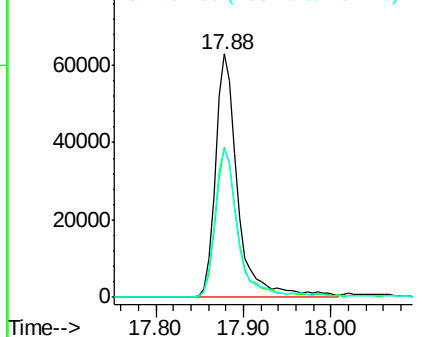


Abundance

Ion 265.70 (265.40 to 266.40): E

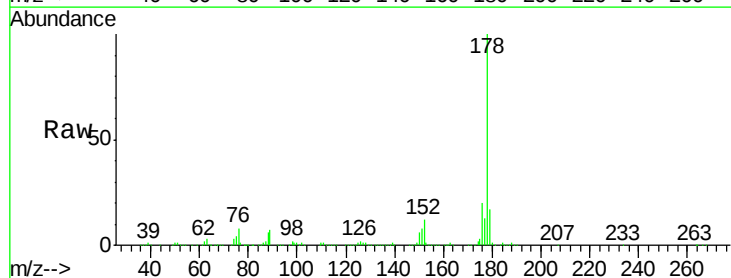
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 43.527 ng
 RT: 18.28 min Scan# 2552
 Delta R.T. 0.00 min
 Lab File: BG033287.D
 Acq: 21 Mar 2018 4:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.7	23.5
179	16.6	12.5	18.7

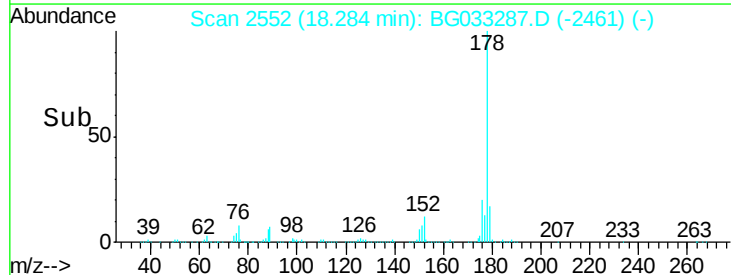
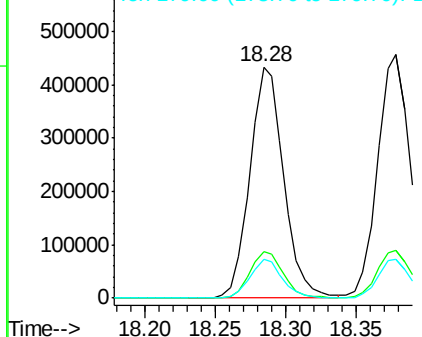


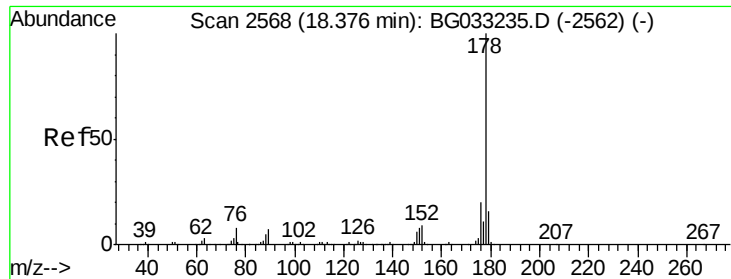
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





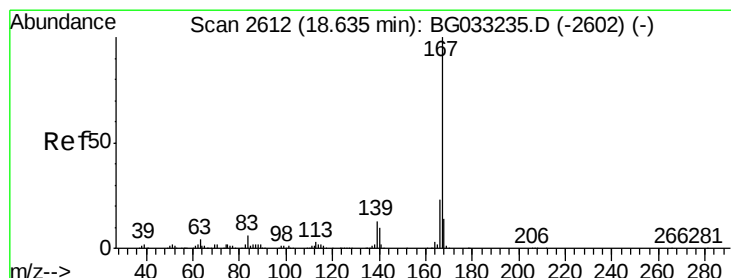
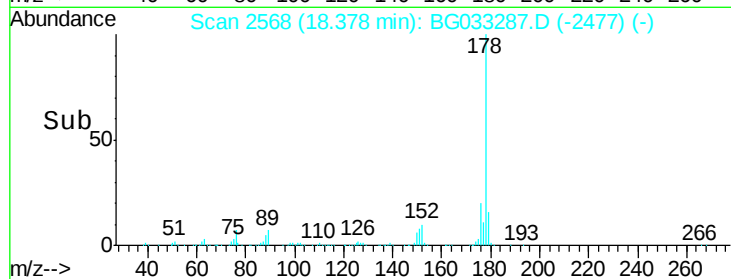
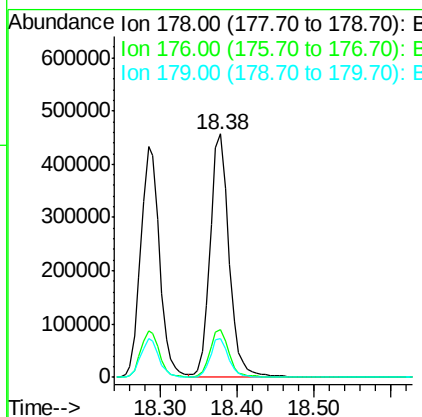
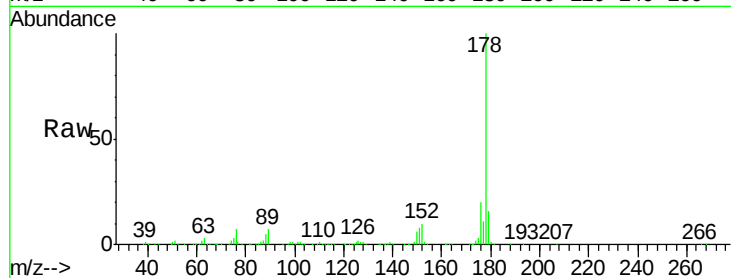
#71
 Anthracene
 Concen: 45.068 ng
 RT: 18.38 min Scan# 2568
 Delta R.T. 0.00 min
 Lab File: BG033287.D
 Acq: 21 Mar 2018 4:35

Instrument :
 BNA_G
 ClientSampleId :
 PB107504BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.0	24.0
179	15.7	12.5	18.7

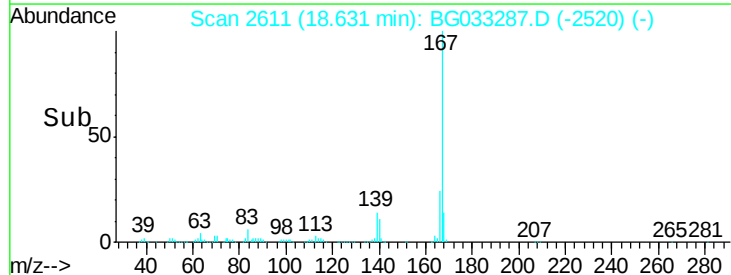
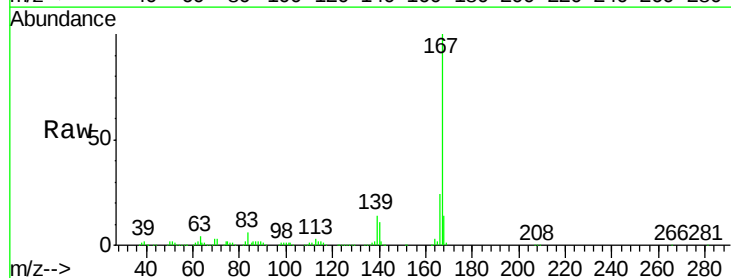
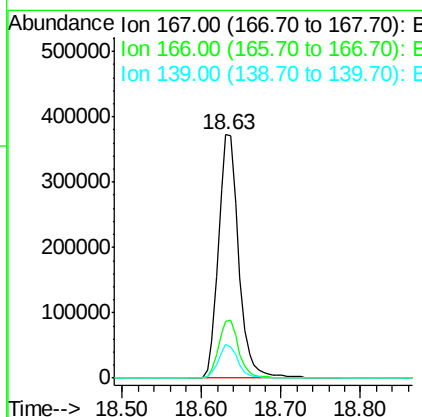
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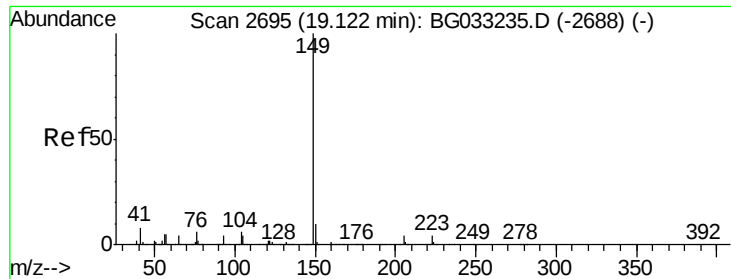
Sohil
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#72
 Carbazole
 Concen: 43.624 ng
 RT: 18.63 min Scan# 2611
 Delta R.T. 0.00 min
 Lab File: BG033287.D
 Acq: 21 Mar 2018 4:35

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.5	18.2	27.4
139	13.8	9.4	14.2





#73

Di-n-butylphthalate

Concen: 43.907 ng

RT: 19.12 min Scan# 2695

Delta R.T. 0.00 min

Lab File: BG033287.D

Acq: 21 Mar 2018 4:35

Instrument :

BNA_G

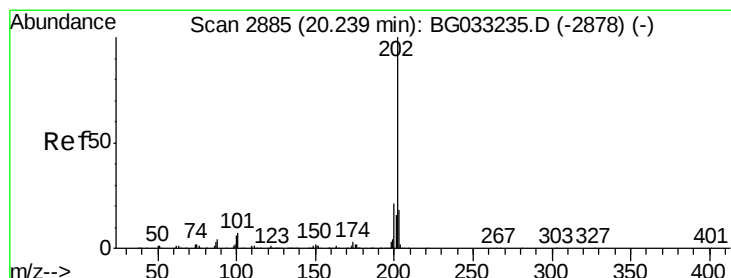
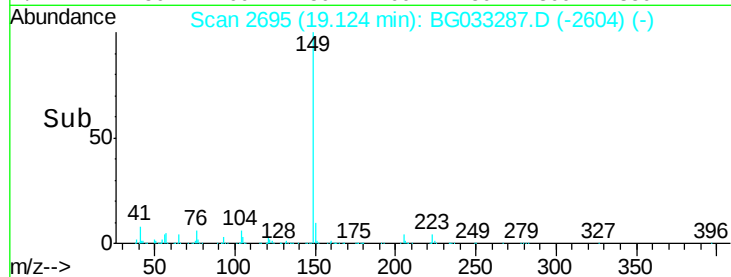
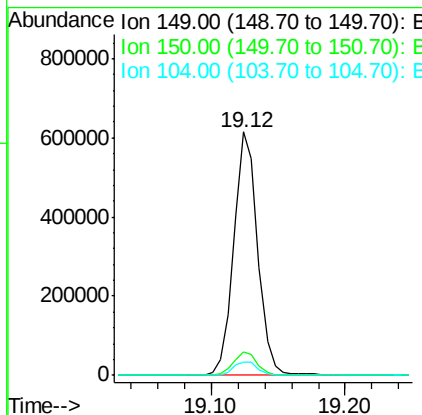
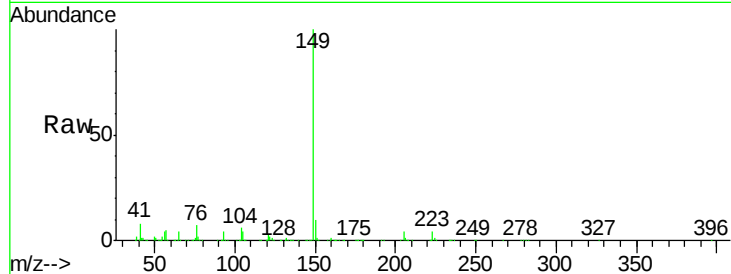
ClientSampleId :

PB107504BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		769871		
150	9.8		7.8	11.6	
104	5.7		3.9	5.9	

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#74

Fluoranthene

Concen: 44.929 ng

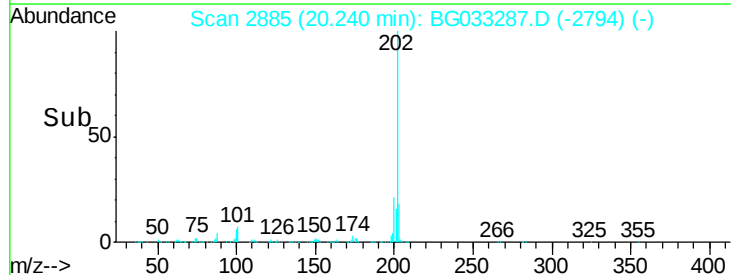
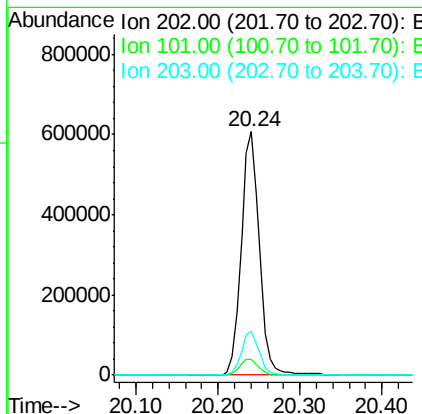
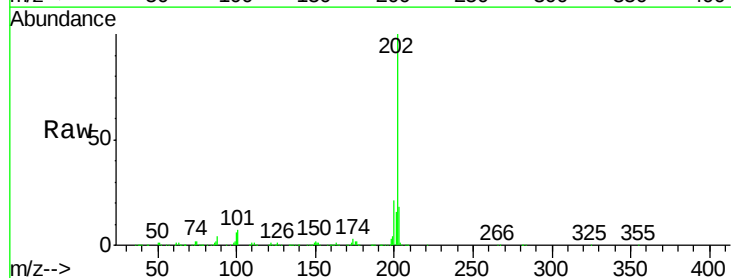
RT: 20.24 min Scan# 2885

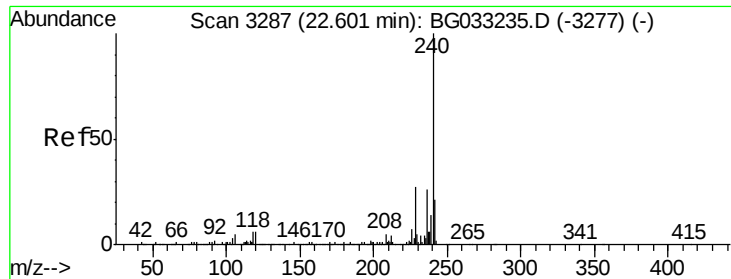
Delta R.T. 0.00 min

Lab File: BG033287.D

Acq: 21 Mar 2018 4:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		933468		
101	6.6		0.0	28.9	
203	17.9		0.0	37.5	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.60 min Scan# 3287

Delta R.T. 0.00 min

Lab File: BG033287.D

Acq: 21 Mar 2018 4:35

Instrument :

BNA_G

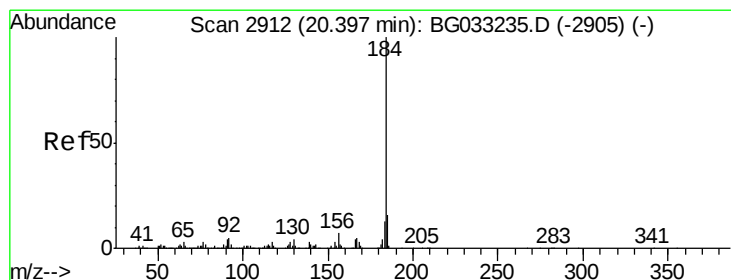
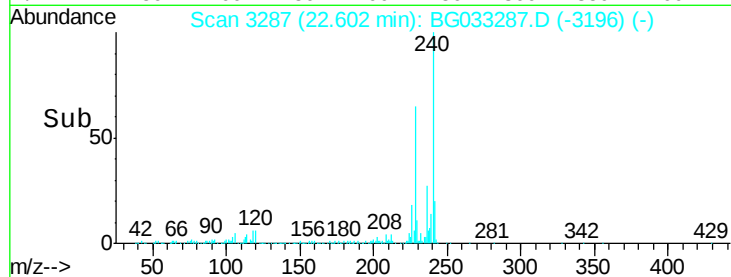
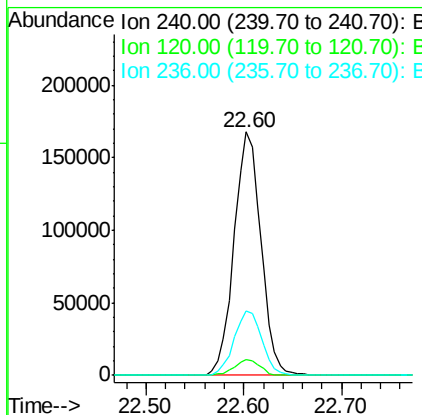
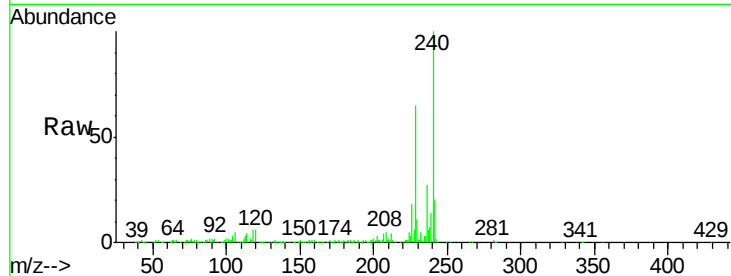
ClientSampleId :

PB107504BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.3	6.8	10.2#
236	26.6	20.9	31.3

Manual Integrations
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#76

Benzidine

Concen: 23.899 ng

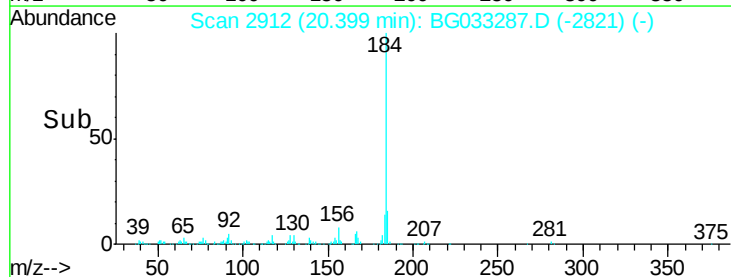
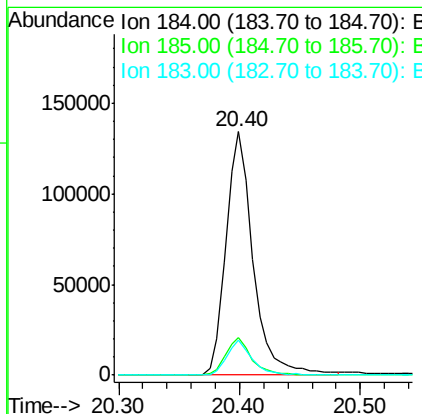
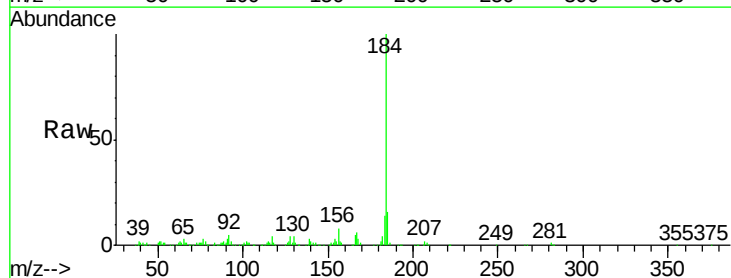
RT: 20.40 min Scan# 2912

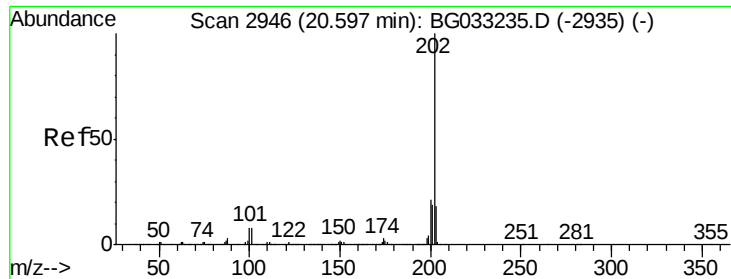
Delta R.T. 0.00 min

Lab File: BG033287.D

Acq: 21 Mar 2018 4:35

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.6	11.1	16.7
183	14.2	10.6	16.0





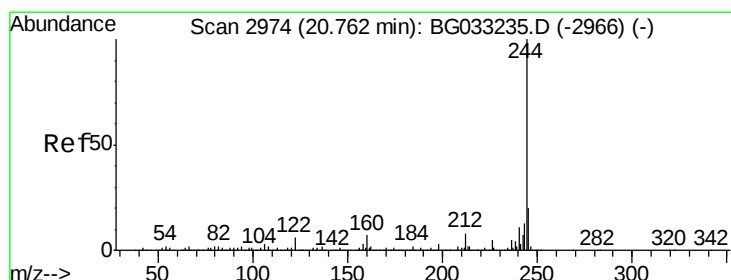
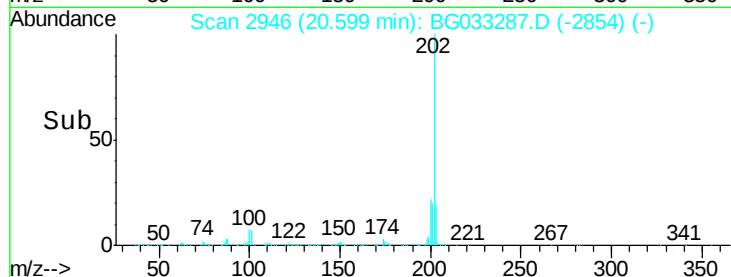
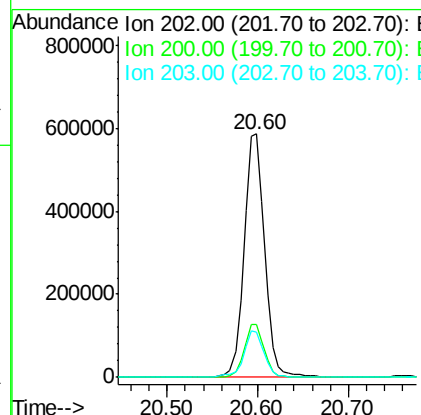
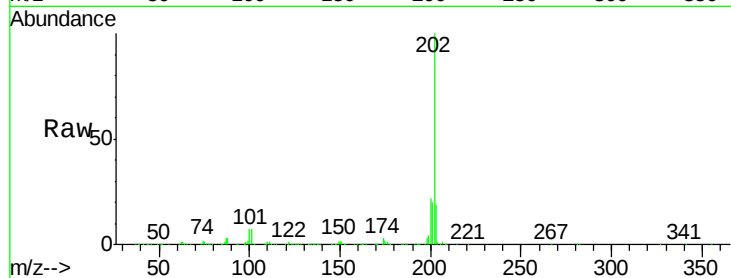
#77
Pvrene
Concen: 42.916 ng
RT: 20.60 min Scan# 2946
Delta R.T. 0.01 min
Lab File: BG033287.D
Acq: 21 Mar 2018 4:35

Instrument :
BNA_G
ClientSampleId :
PB107504BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		922771		
200	21.5	16.9	25.3		
203	18.6	13.9	20.9		

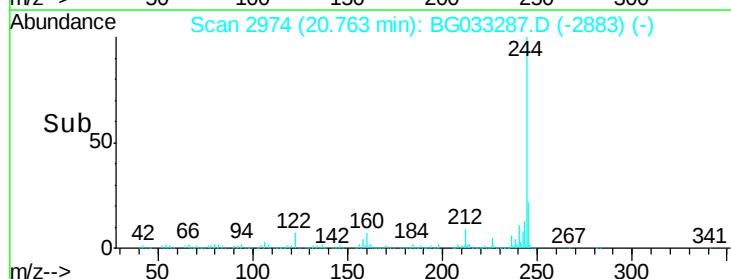
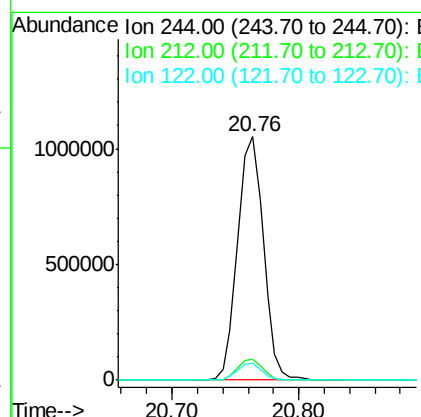
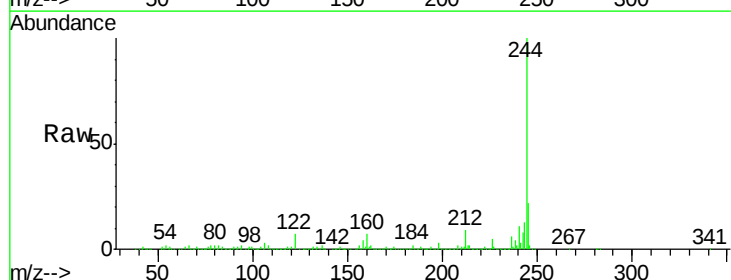
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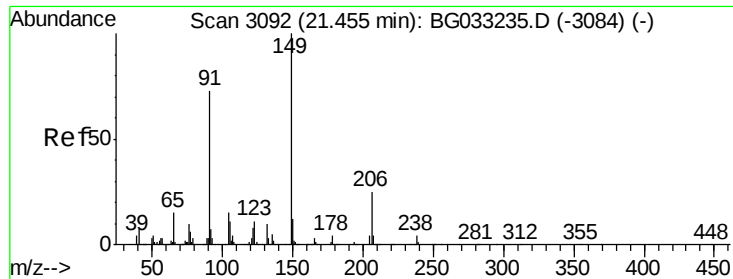
Sohil
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#78
Terphenyl-d14
Concen: 98.319 ng
RT: 20.76 min Scan# 2974
Delta R.T. 0.00 min
Lab File: BG033287.D
Acq: 21 Mar 2018 4:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
244	100		1482140		
212	8.7	5.8	8.8		
122	6.8	7.0	10.4		





#79

Butylbenzylphthalate

Concen: 43.359 ng

RT: 21.46 min Scan# 3092

Delta R.T. 0.01 min

Lab File: BG033287.D

Acq: 21 Mar 2018 4:35

Instrument :

BNA_G

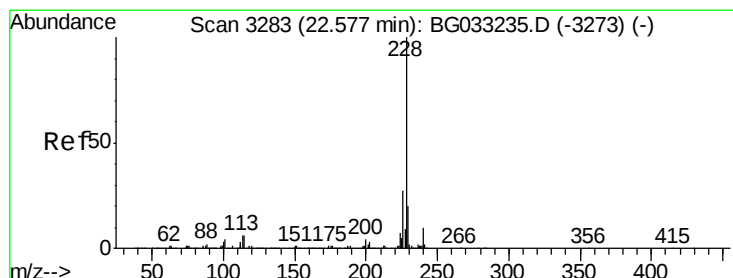
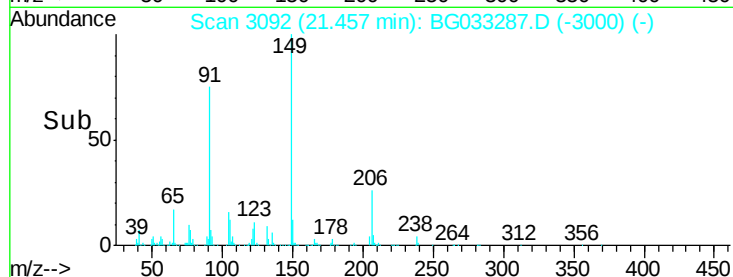
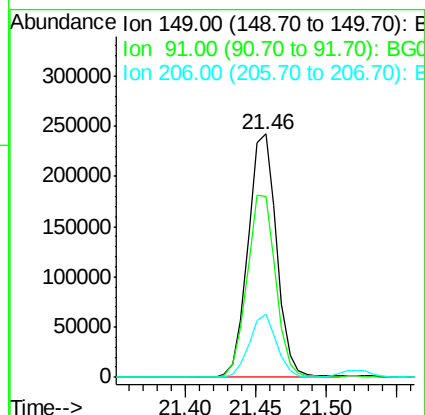
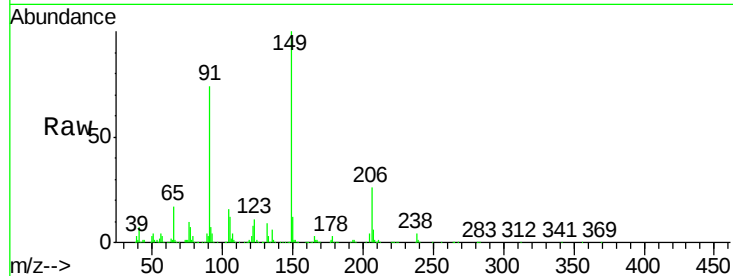
ClientSampleId :

PB107504BS

Tot Ion:	149	Resp:	344032
Ion Ratio	Lower	Upper	
149	100		
91	74.5	62.2	93.2
206	26.1	18.6	27.8

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#80

Benzo(a)anthracene

Concen: 44.321 ng

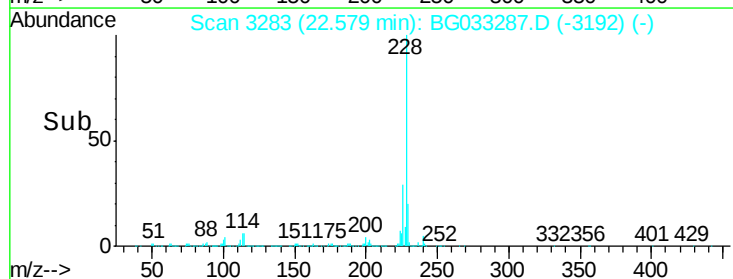
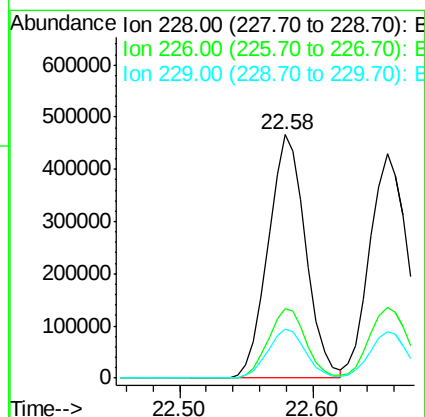
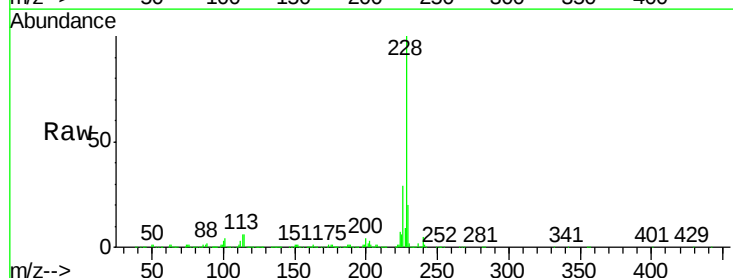
RT: 22.58 min Scan# 3283

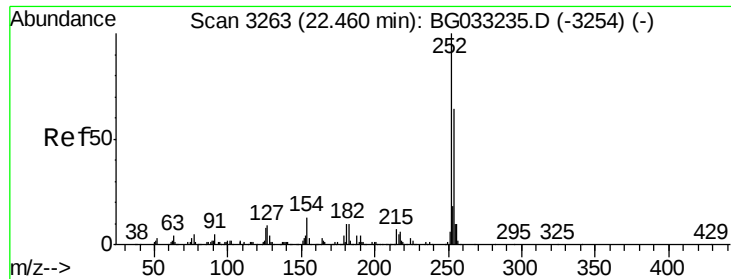
Delta R.T. 0.00 min

Lab File: BG033287.D

Acq: 21 Mar 2018 4:35

Tgt Ion:	228	Resp:	909851
Ion Ratio	Lower	Upper	
228	100		
226	28.6	22.7	34.1
229	20.0	16.2	24.2





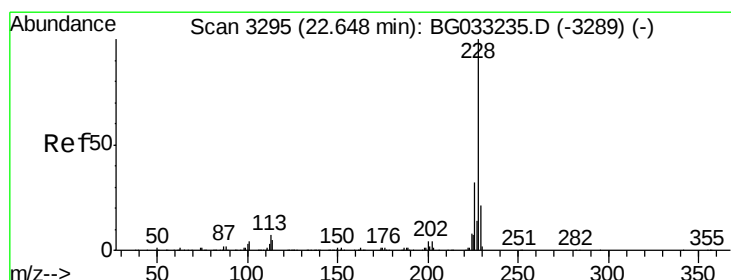
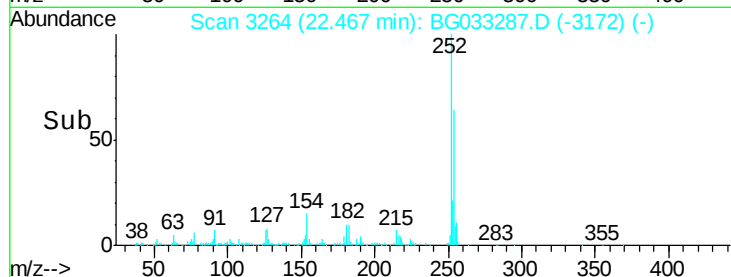
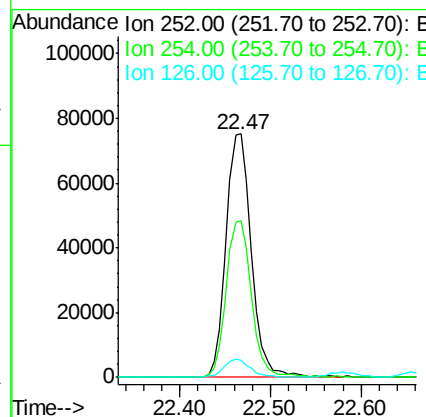
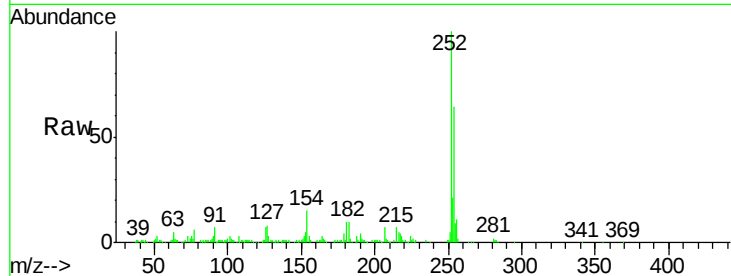
#81
 3,3'-Dichlorobenzidine
 Concen: 19.949 ng
 RT: 22.47 min Scan# 3264
 Delta R.T. 0.01 min
 Lab File: BG033287.D
 Acq: 21 Mar 2018 4:35

Instrument :
 BNA_G
 ClientSampleId :
 PB107504BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.2	50.8	76.2
126	6.8	7.4	11.2

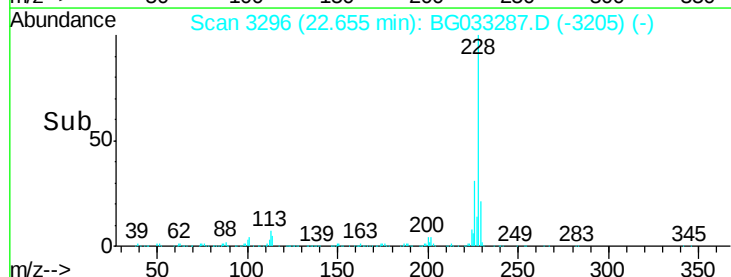
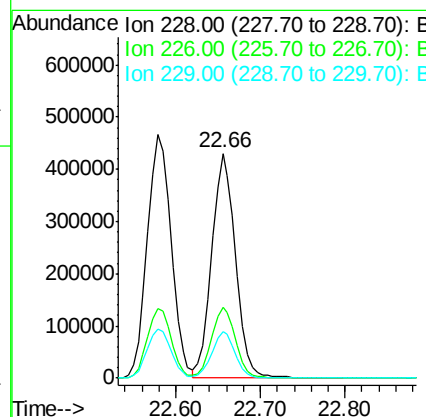
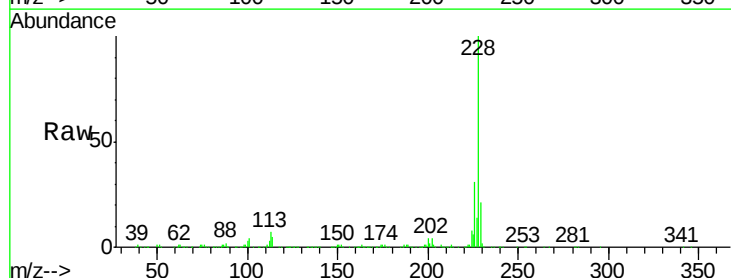
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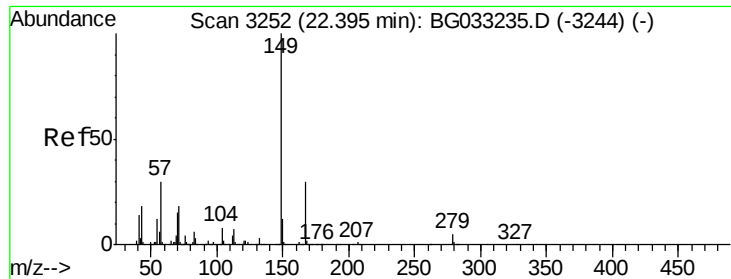
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#82
 Chrysene
 Concen: 42.647 ng
 RT: 22.66 min Scan# 3296
 Delta R.T. 0.00 min
 Lab File: BG033287.D
 Acq: 21 Mar 2018 4:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.9	37.3
229	21.0	15.0	22.4





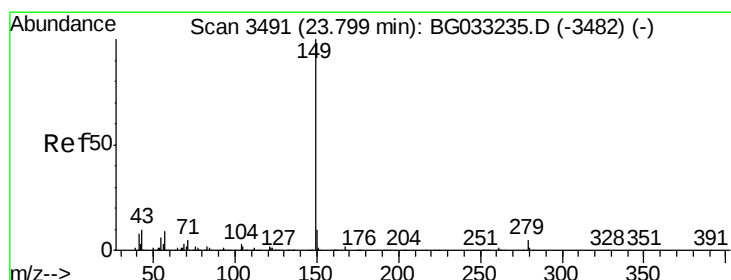
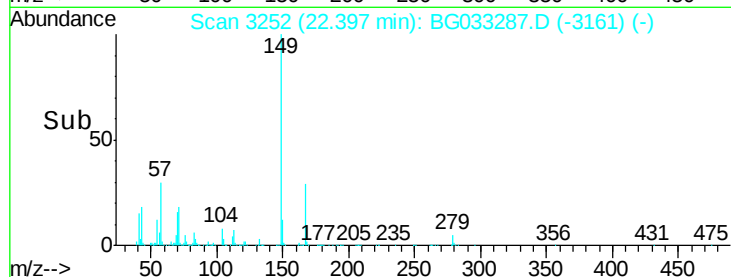
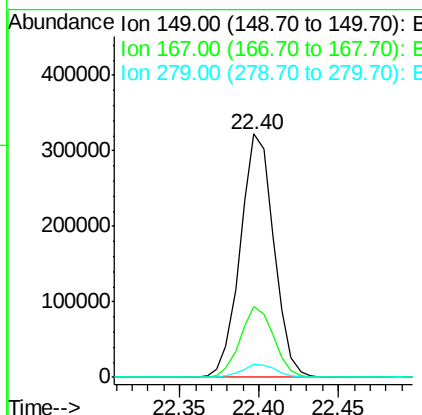
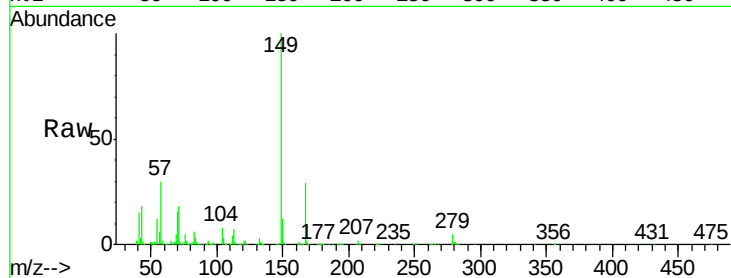
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.290 ng
 RT: 22.40 min Scan# 3252
 Delta R.T. 0.00 min
 Lab File: BG033287.D
 Acq: 21 Mar 2018 4:35

Instrument :
 BNA_G
 ClientSampleId :
 PB107504BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.9	24.3	36.5
279	5.5	4.0	6.0

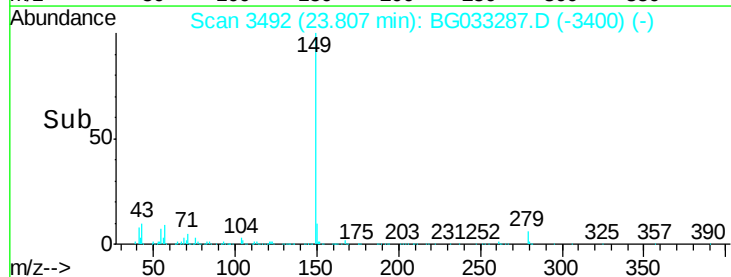
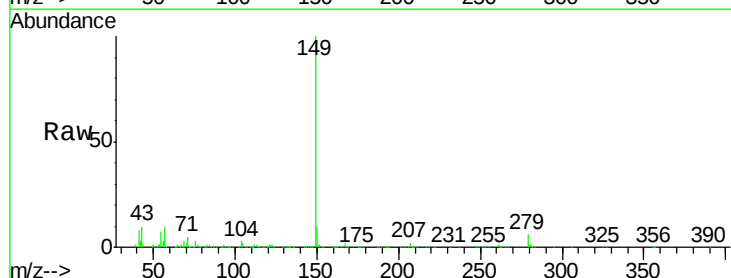
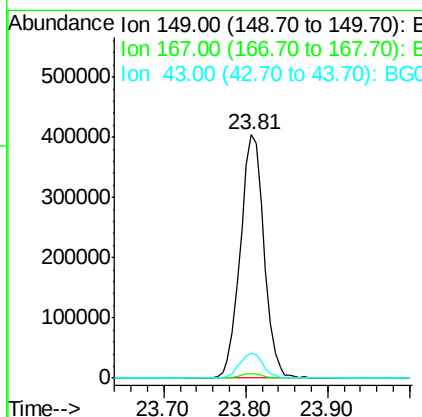
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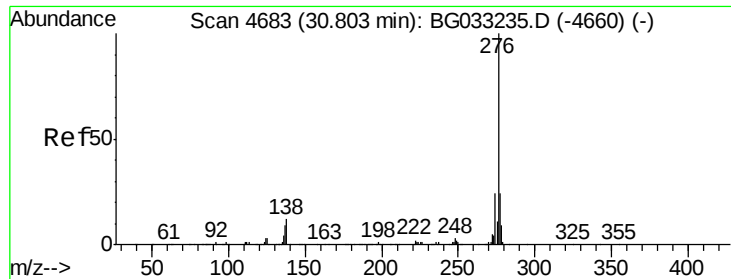
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#84
 Di-n-octyl phthalate
 Concen: 48.529 ng
 RT: 23.81 min Scan# 3492
 Delta R.T. 0.01 min
 Lab File: BG033287.D
 Acq: 21 Mar 2018 4:35

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	10.0	8.9	13.3





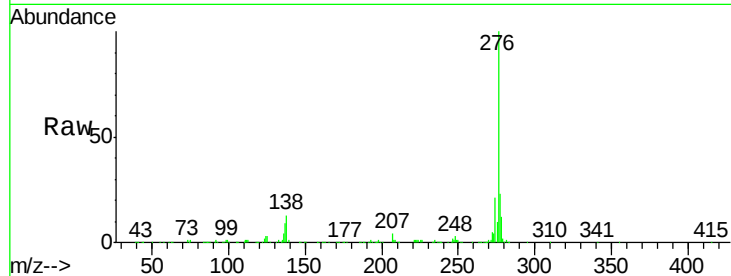
#85
Indeno(1,2,3-cd)pyrene
Concen: 47.201 ng
RT: 30.82 min Scan# 4686
Delta R.T. 0.02 min
Lab File: BG033287.D
Acq: 21 Mar 2018 4:35

Instrument :
BNA_G
ClientSampleId :
PB107504BS

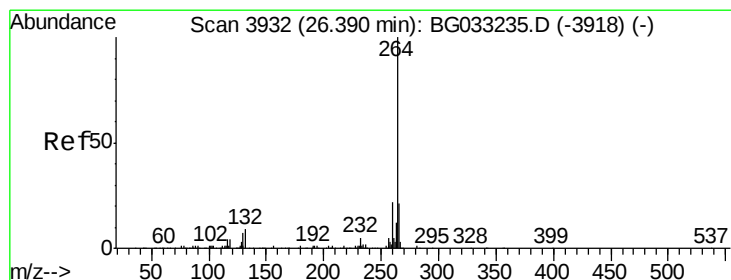
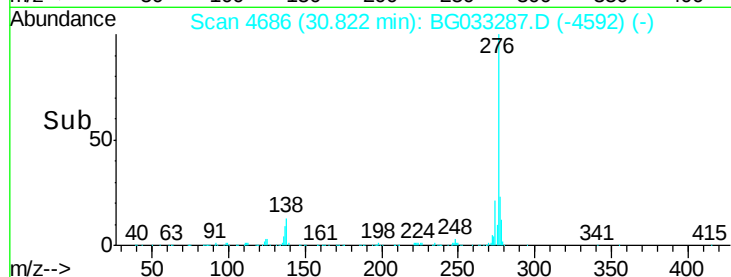
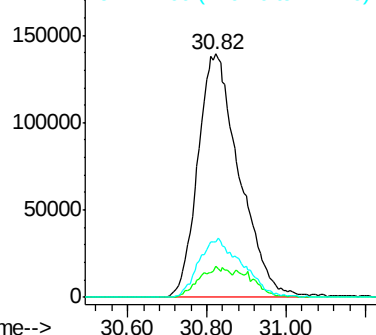
Tot Ion	Ion	Ratio	Lower	Upper
276	100			
138	6.4	16.0	24.0	
277	25.3	20.0	30.0	

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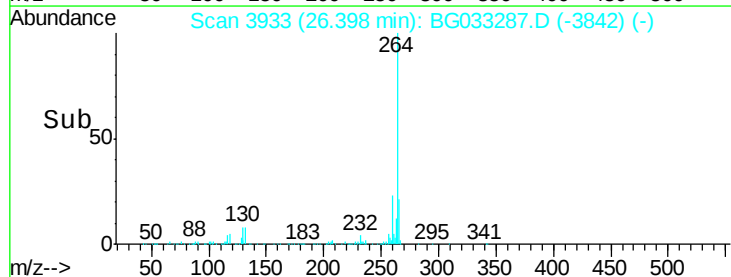
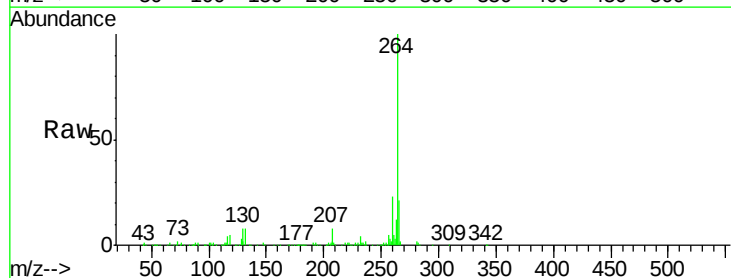
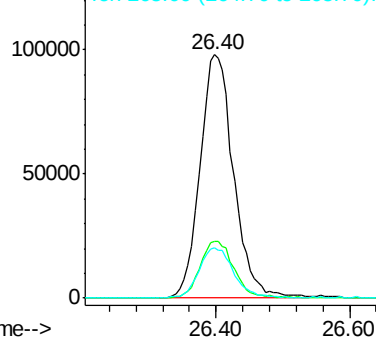
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

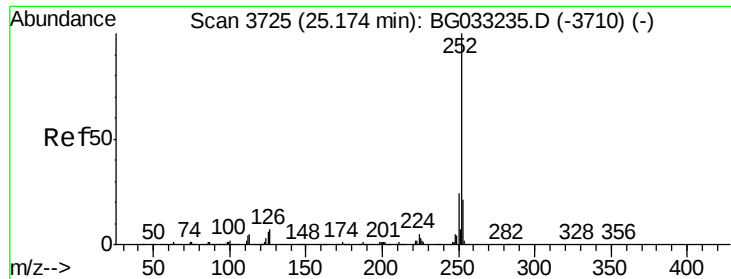


#86
Perylene-d12
Concen: 20.000 ng
RT: 26.40 min Scan# 3933
Delta R.T. 0.00 min
Lab File: BG033287.D
Acq: 21 Mar 2018 4:35

Tgt Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.4	17.4	26.0	
265	20.7	17.7	26.5	

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





#87

Benzo(b)fluoranthene

Concen: 44.166 ng

RT: 25.18 min Scan# 3726

Delta R.T. 0.01 min

Lab File: BG033287.D

Acq: 21 Mar 2018 4:35

Instrument :

BNA_G

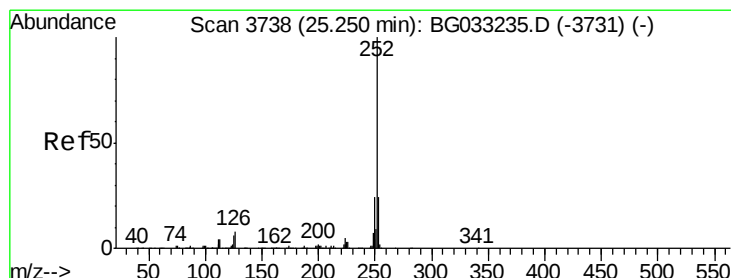
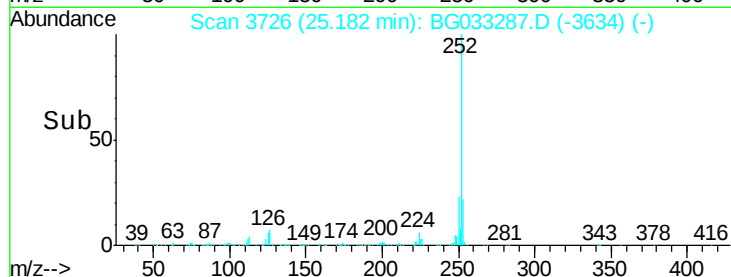
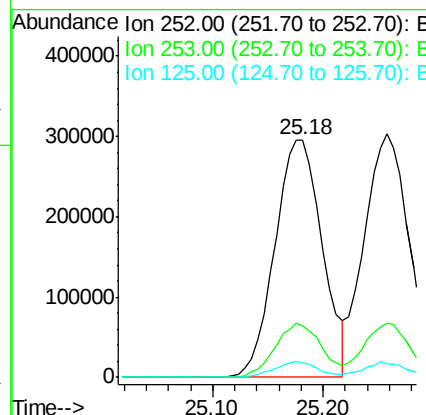
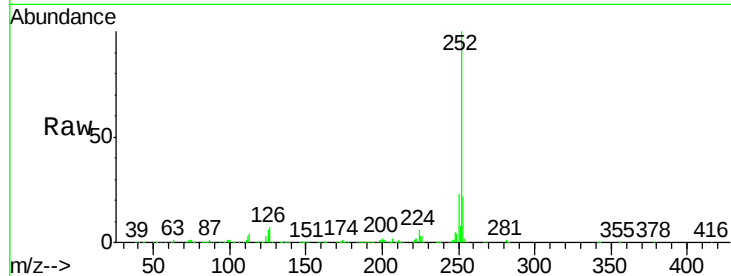
ClientSampleId :

PB107504BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.4
125	6.1	7.2	10.8

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#88

Benzo(k)fluoranthene

Concen: 43.582 ng

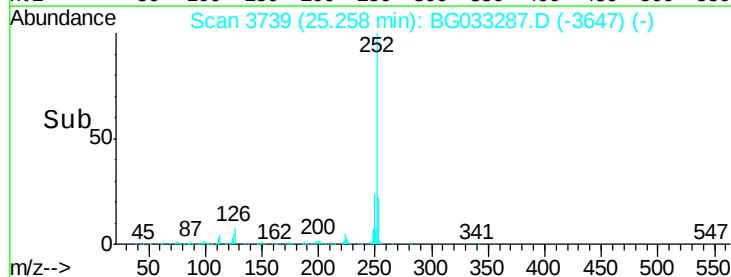
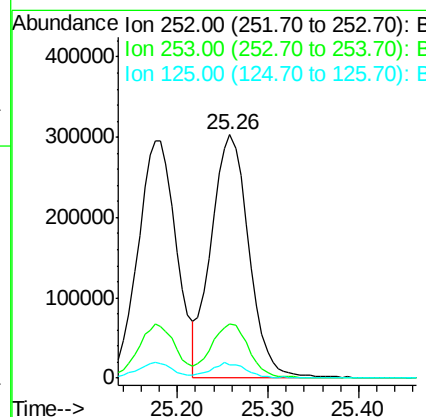
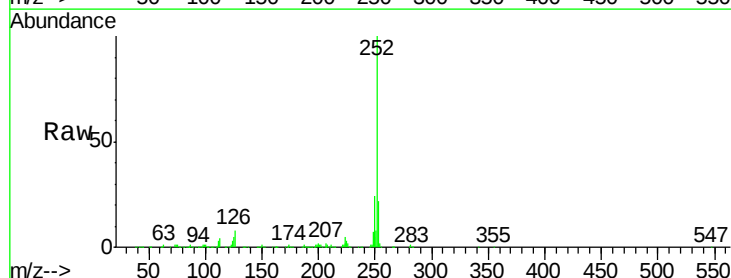
RT: 25.26 min Scan# 3739

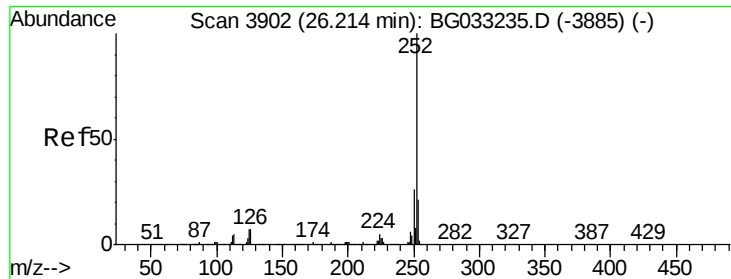
Delta R.T. 0.01 min

Lab File: BG033287.D

Acq: 21 Mar 2018 4:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	5.4	6.6	9.8





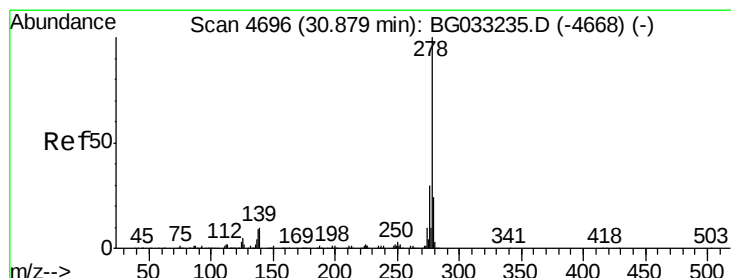
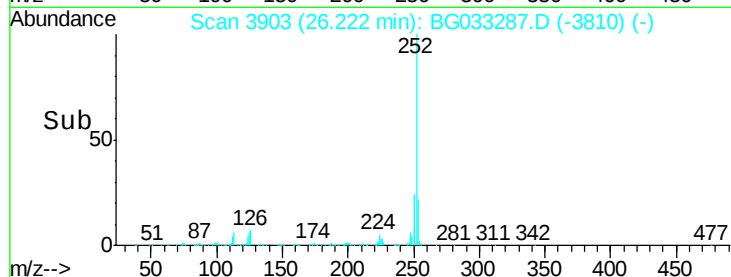
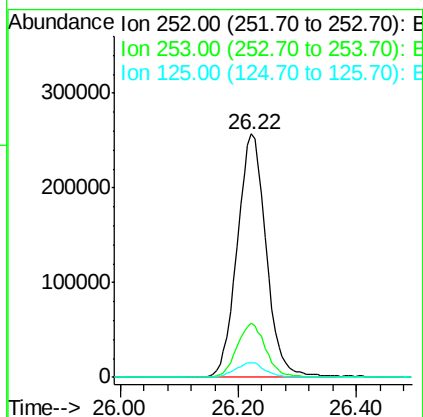
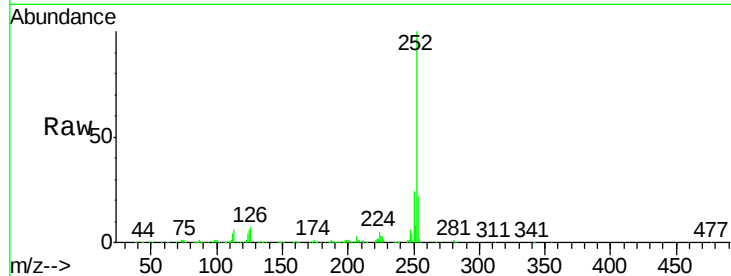
#89
Benzo(a)pyrene
Concen: 45.884 ng
RT: 26.22 min Scan# 3903
Delta R.T. 0.01 min
Lab File: BG033287.D
Acq: 21 Mar 2018 4:35

Instrument :
BNA_G
ClientSampleId :
PB107504BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.3	27.5
125	6.1	7.3	10.9

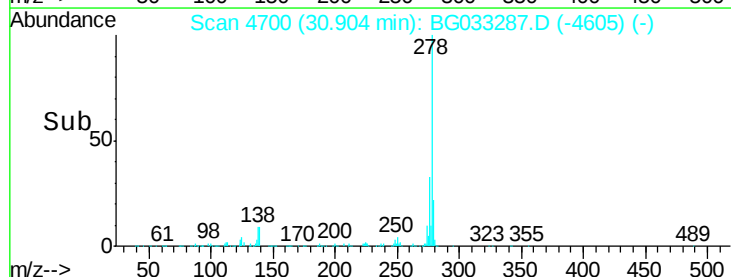
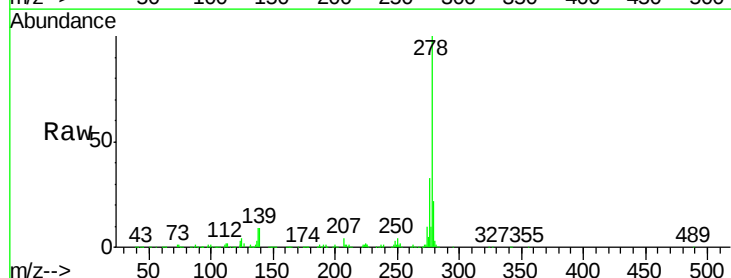
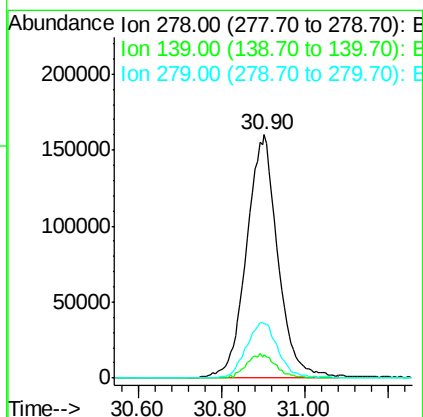
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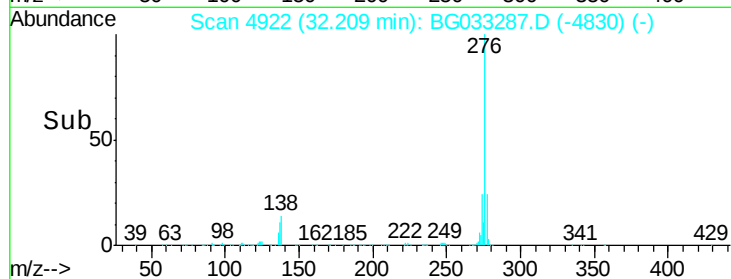
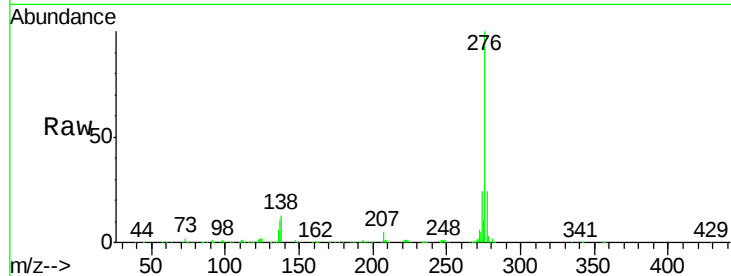
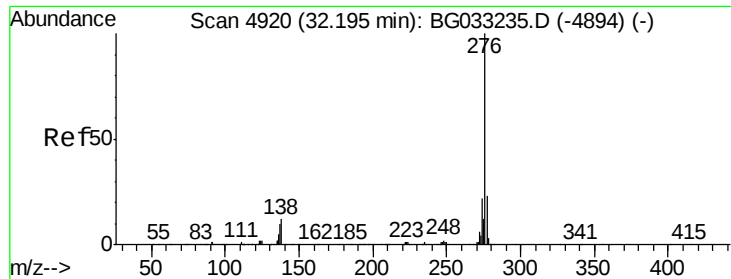
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#90
Dibenzo(a,h)anthracene
Concen: 46.832 ng
RT: 30.90 min Scan# 4700
Delta R.T. 0.03 min
Lab File: BG033287.D
Acq: 21 Mar 2018 4:35

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.4	9.8	14.6
279	22.2	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 46.578 ng
 RT: 32.21 min Scan# 4922
 Delta R.T. 0.01 min
 Lab File: BG033287.D
 Acq: 21 Mar 2018 4:35

Instrument :
 BNA_G
 ClientSampleId :
 PB107504BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.3	27.5
138	13.5	13.9	20.9

Manual Integrations
 APPROVED

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