

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041618\
 Data File : BG033825.D
 Acq On : 16 Apr 2018 20:37
 Operator : SJ/JU
 Sample : PB108262BSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB108262BSD

Manual Integrations
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Sohil
 4/17/2018 5:20:50 PM

Quant Time: Apr 17 11:47:22 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 16 11:44:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	29822	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	131919	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	107328	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	294018	20.00	ng	0.00
75) Chrysene-d12	22.55	240	312755	20.00	ng	0.00
86) Perylene-d12	26.32	264	339741	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	161516	101.56	ng	-0.01
7) Phenol-d6	7.99	99	272894	99.86	ng	0.00
23) Nitrobenzene-d5	10.06	82	281510	98.04	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	158770	98.91	ng	0.00
44) 2-Fluorobiphenyl	14.09	172	730262	98.23	ng	0.00
78) Terphenyl-d14	20.72	244	1458386	99.72	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.91	88	33931	42.011	ng	# 88
3) Pyridine	4.38	79	75732	33.920	ng	99
4) n-Nitrosodimethylamine	4.31	42	31846	34.757	ng	# 76
6) Aniline	8.16	93	82676	25.727	ng	# 80
8) 2-Chlorophenol	8.41	128	105803	58.192	ng	91
9) Benzaldehyde	8.02	77	28281m	16.285	ng	
10) Phenol	8.01	94	131304	48.668	ng	88
11) bis(2-Chloroethyl)ether	8.24	93	106872	48.530	ng	87
12) 1,3-Dichlorobenzene	8.74	146	114297m	48.083	ng	
13) 1,4-Dichlorobenzene	8.89	146	116220	48.820	ng	94
14) 1,2-Dichlorobenzene	9.22	146	113208	48.724	ng	99
15) Benzyl Alcohol	9.10	79	78589	36.528	ng	91
16) 2,2'-oxybis(1-Chloropropan	9.36	45	208886	58.186	ng	73
17) 2-Methylphenol	9.31	107	81336	44.254	ng	# 86
18) Hexachloroethane	9.96	117	49004	53.335	ng	95
19) n-Nitroso-di-n-propylamine	9.65	70	101123	50.501	ng	92
20) 3+4-Methylphenols	9.64	107	116546	44.537	ng	92
22) Acetophenone	9.70	105	167976	46.478	ng	# 91
24) Nitrobenzene	10.10	77	143104	46.563	ng	# 90
25) Isophorone	10.60	82	267415	47.986	ng	99
26) 2-Nitrophenol	10.83	139	59438	51.083	ng	# 79
27) 2,4-Dimethylphenol	10.86	122	85334	50.485	ng	96
28) bis(2-Chloroethoxy)methane	11.10	93	137627	49.497	ng	96
29) 2,4-Dichlorophenol	11.39	162	97618	46.961	ng	93
30) 1,2,4-Trichlorobenzene	11.59	180	130604	48.358	ng	99
31) Naphthalene	11.78	128	336910	49.284	ng	97
32) Benzoic acid	11.04	122	50731m	32.286	ng	
33) 4-Chloroaniline	11.91	127	31687m	10.346	ng	
34) Hexachlorobutadiene	12.04	225	99269	48.605	ng	99
35) Caprolactam	12.64	113	42332	51.981	ng	99
36) 4-Chloro-3-methylphenol	12.97	107	143006	52.746	ng	90
37) 2-Methylnaphthalene	13.34	142	242387	45.682	ng	92
39) 1,2,4,5-Tetrachlorobenzene	13.69	216	171207	44.038	ng	99
40) Hexachlorocyclopentadiene	13.65	237	187497	82.269	ng	90

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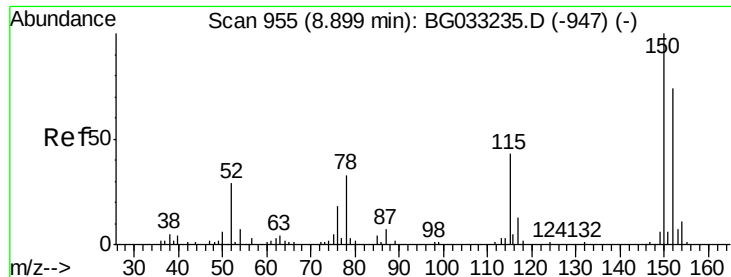
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.92	196	108620	48.088	ng	95
43) 2,4,5-Trichlorophenol	14.01	196	130472	48.868	ng	96
45) 1,1'-Biphenyl	14.31	154	390636	47.374	ng	97
46) 2-Chloronaphthalene	14.37	162	299348	47.083	ng	94
47) 2-Nitroaniline	14.58	65	120191	50.471	ng	97
48) Acenaphthylene	15.20	152	499570	47.074	ng	98
49) Dimethylphthalate	14.89	163	440912	47.205	ng	99
50) 2,6-Dinitrotoluene	15.03	165	97243	50.916	ng	98
51) Acenaphthene	15.53	154	281474	41.144	ng	97
52) 3-Nitroaniline	15.40	138	47095	23.520	ng	# 97
53) 2,4-Dinitrophenol	15.58	184	75028	76.255	ng	# 85
54) Dibenzofuran	15.87	168	497426	49.224	ng	# 90
55) 4-Nitrophenol	15.69	139	133453	94.784	ng	# 78
56) 2,4-Dinitrotoluene	15.82	165	141967	50.485	ng	97
57) Fluorene	16.51	166	402410	46.743	ng	99
58) 2,3,4,6-Tetrachlorophenol	16.09	232	137580	54.737	ng	# 98
59) Diethylphthalate	16.23	149	459676	50.682	ng	99
60) 4-Chlorophenyl-phenylether	16.48	204	242086	48.917	ng	96
61) 4-Nitroaniline	16.56	138	69332	34.193	ng	87
62) Azobenzene	16.77	77	464282	52.844	ng	96
64) 4,6-Dinitro-2-methylphenol	16.57	198	84924	48.283	ng	94
65) n-Nitrosodiphenylamine	16.70	169	408542	48.672	ng	91
66) 4-Bromophenyl-phenylether	17.37	248	162242	46.986	ng	# 91
67) Hexachlorobenzene	17.50	284	167199	45.881	ng	96
68) Atrazine	17.61	200	181350	53.317	ng	94
69) Pentachlorophenol	17.84	266	205268	82.069	ng	97
70) Phenanthrene	18.24	178	687492	44.898	ng	99
71) Anthracene	18.34	178	705104	45.478	ng	98
72) Carbazole	18.60	167	701989	51.095	ng	97
73) Di-n-butylphthalate	19.08	149	840414	52.554	ng	# 98
74) Fluoranthene	20.20	202	914109	48.241	ng	97
76) Benzidine	20.37	184	301072	35.498	ng	98
77) Pyrene	20.56	202	944484	45.279	ng	98
79) Butylbenzylphthalate	21.41	149	381548	49.568	ng	98
80) Benzo(a)anthracene	22.53	228	889360	44.658	ng	99
81) 3,3'-Dichlorobenzidine	22.42	252	177507	25.048	ng	# 97
82) Chrysene	22.61	228	873202	45.296	ng	99
83) Bis(2-ethylhexyl)phthalate	22.34	149	529734	49.923	ng	99
84) Di-n-octyl phthalate	23.74	149	902048	55.522	ng	99
85) Indeno(1,2,3-cd)pyrene	30.70	276	1002352	48.091	ng	# 88
87) Benzo(b)fluoranthene	25.10	252	862413	43.937	ng	# 97
88) Benzo(k)fluoranthene	25.18	252	872346	43.943	ng	# 98
89) Benzo(a)pyrene	26.14	252	863057	45.786	ng	98
90) Dibenzo(a,h)anthracene	30.77	278	833171	46.924	ng	# 95
91) Benzo(g,h,i)perylene	32.07	276	826481	47.006	ng	# 93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.86 min Scan# 948

Delta R.T. -0.01 min

Lab File: BG033825.D

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BNA_G

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PB108262BSD

Tot Ion:152 Resp: 29822

Ion Ratio Lower Upper

152 100

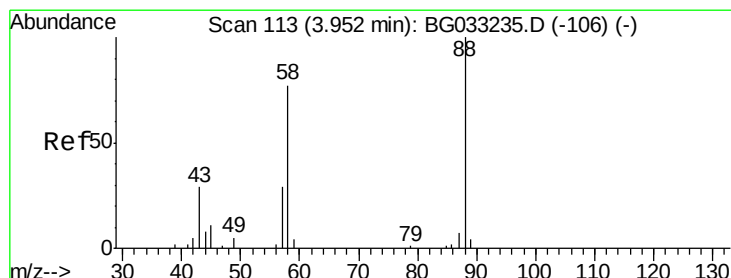
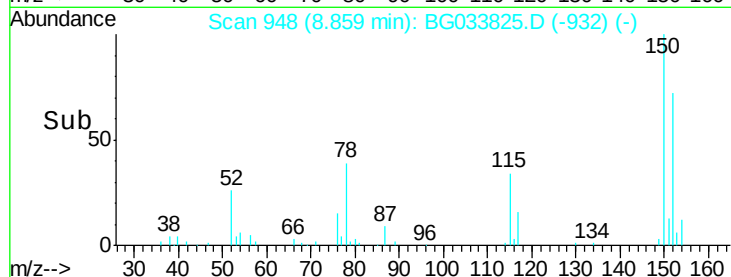
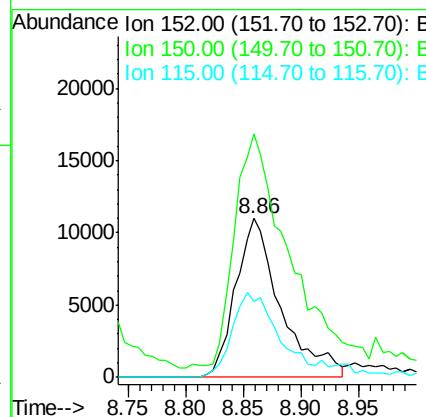
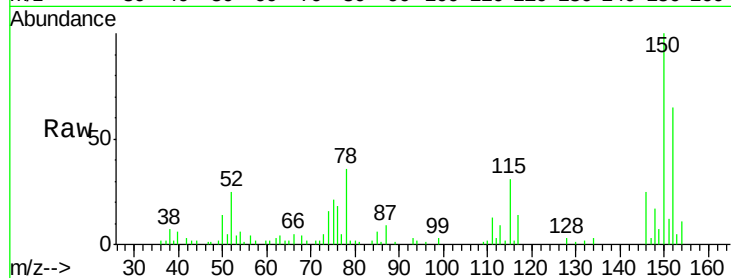
150 153.3 126.6 189.8

115 47.8 53.0 79.4#

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#2

1,4-Dioxane

Concen: 42.011 ng

RT: 3.91 min Scan# 105

Delta R.T. -0.01 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

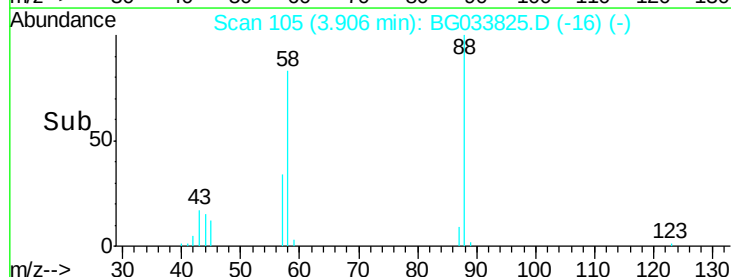
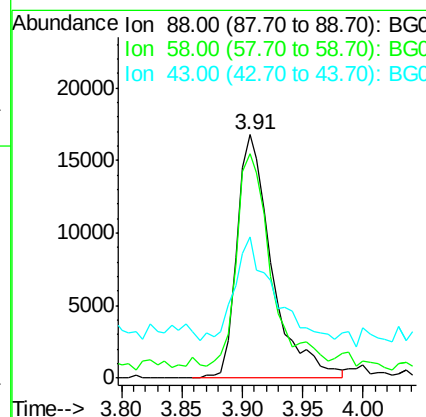
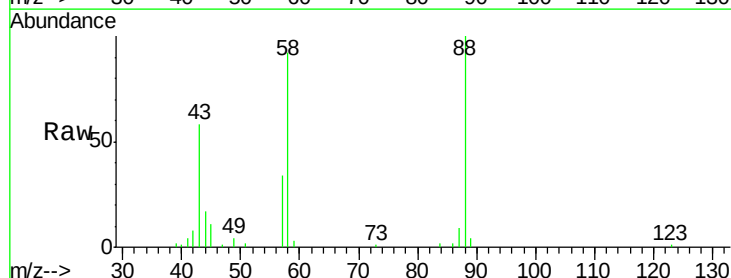
Tgt Ion: 88 Resp: 33931

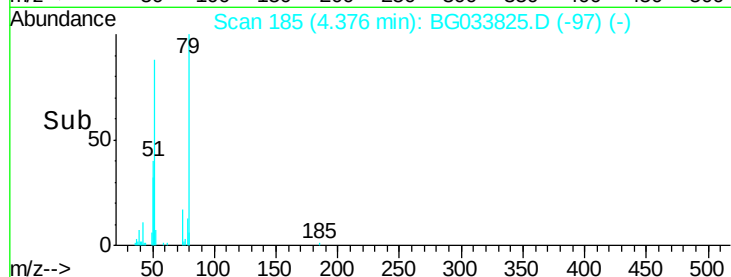
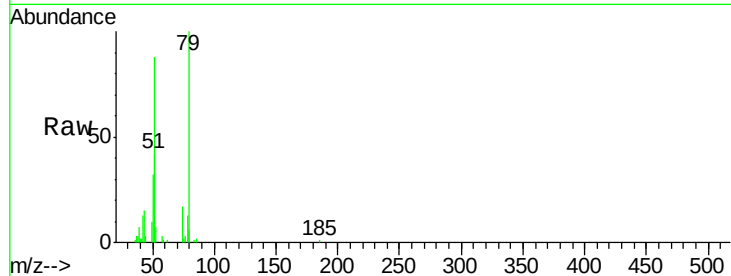
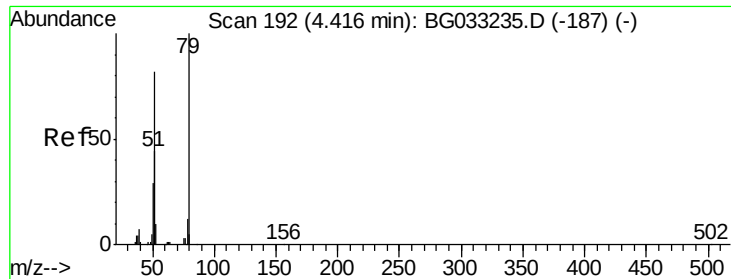
Ion Ratio Lower Upper

88 100

58 89.7 79.6 119.4

43 44.2 27.4 41.0#





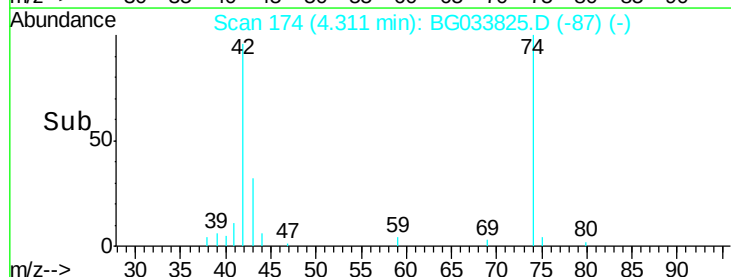
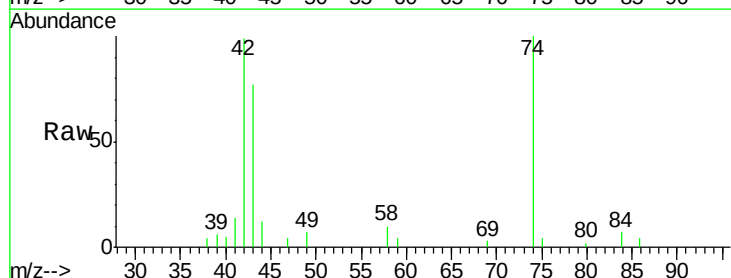
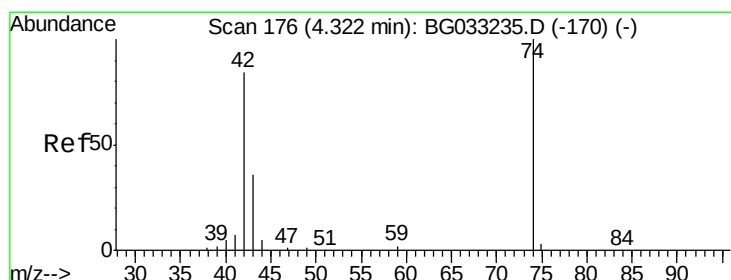
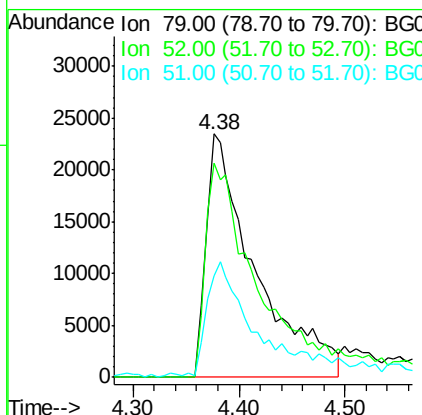
#3
 Pvridine
 Concen: 33.920 ng
 RT: 4.38 min Scan# 185
 Delta R.T. -0.01 min
 Lab File: BG033825.D
 Acq: 16 Apr 2018 20:37

Tot Ion	Ratio	Lower	Upper
79	100		
52	87.7	69.9	104.9
51	42.0	34.0	51.0

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 PB108262BSD

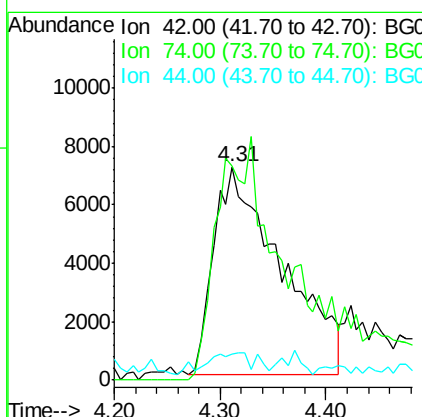
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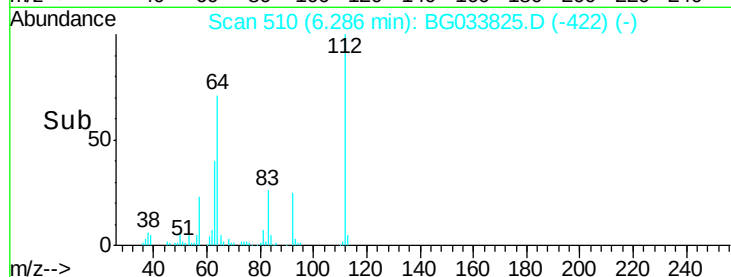
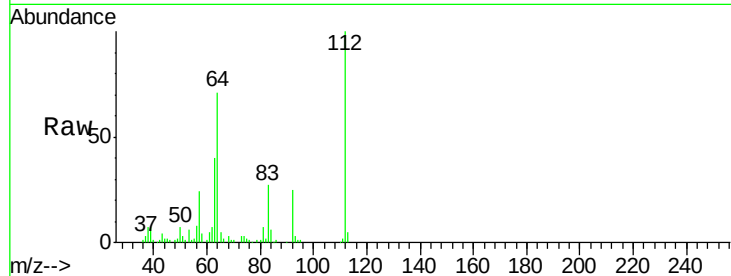
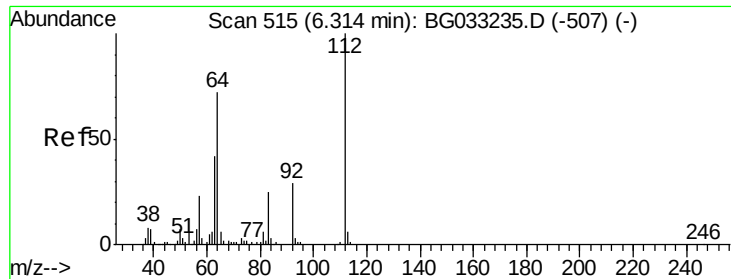
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#4
 n-Nitrosodimethylamine
 Concen: 34.757 ng
 RT: 4.31 min Scan# 174
 Delta R.T. -0.02 min
 Lab File: BG033825.D
 Acq: 16 Apr 2018 20:37

Tgt Ion	Ratio	Lower	Upper
42	100		
74	100.6	102.5	153.7#
44	12.4	18.9	28.3#





#5

2-Fluorophenol

Concen: 101.557 ng

RT: 6.29 min Scan# 510

Delta R.T. -0.01 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

Tot Ion:	112	Resp:	161516
Ion Ratio	Lower	Upper	
112	100		
64	71.4	56.3	84.5
63	39.9	30.1	45.1

Instrument :

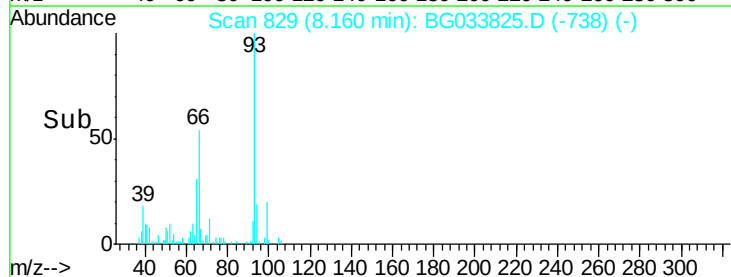
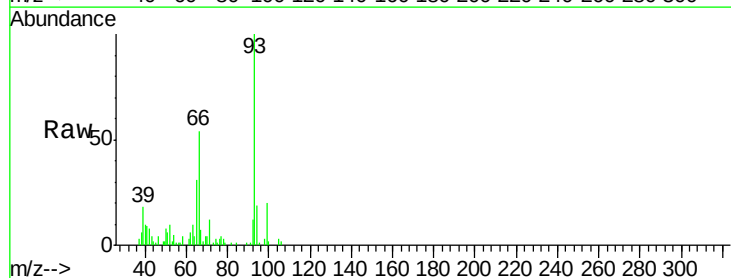
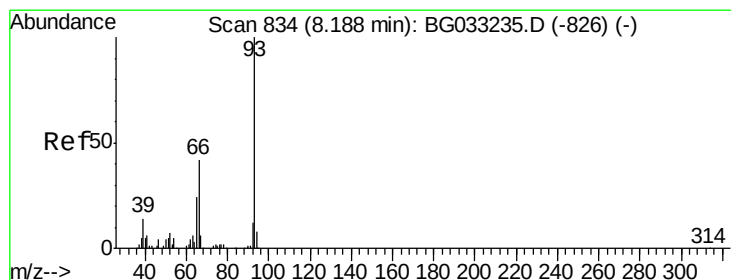
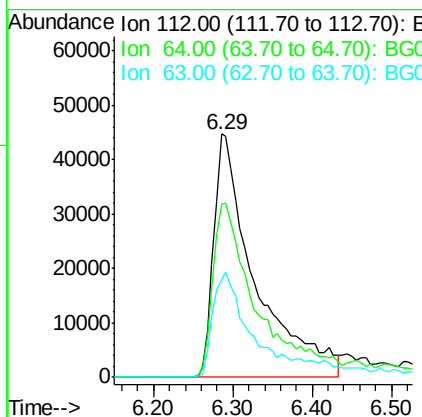
BNA_G

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#6

Aniline

Concen: 25.727 ng

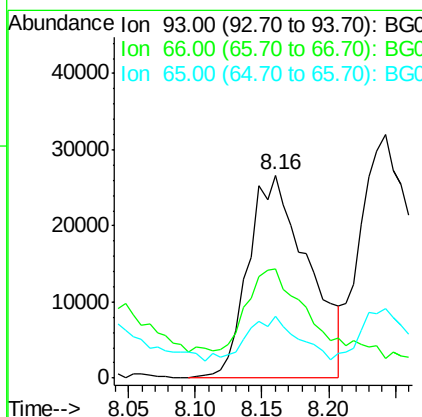
RT: 8.16 min Scan# 829

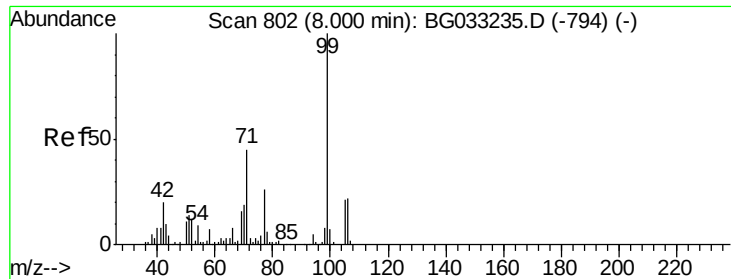
Delta R.T. 0.01 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

Tgt Ion:	93	Resp:	82676
Ion Ratio	Lower	Upper	
93	100		
66	53.8	33.7	50.5#
65	30.6	16.1	24.1#





#7

Phenol-d6

Concen: 99.865 ng

RT: 7.99 min Scan# 800

Delta R.T. 0.00 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

Instrument :

BNA_G

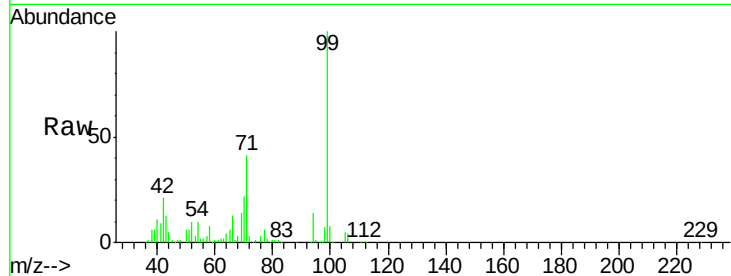
ClientSampleId :

PB108262BSD

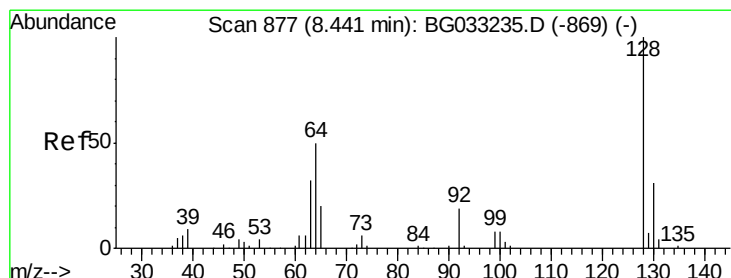
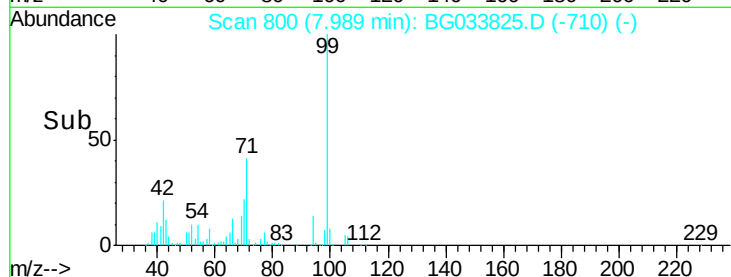
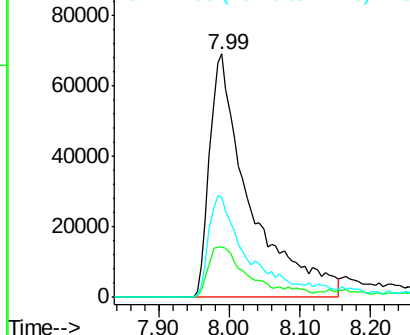
Tot Ion:	99	Resp:	272894
Ion Ratio	Lower	Upper	
99	100		
42	20.6	14.1	21.1
71	41.4	26.1	39.1#

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



#8

2-Chlorophenol

Concen: 58.192 ng

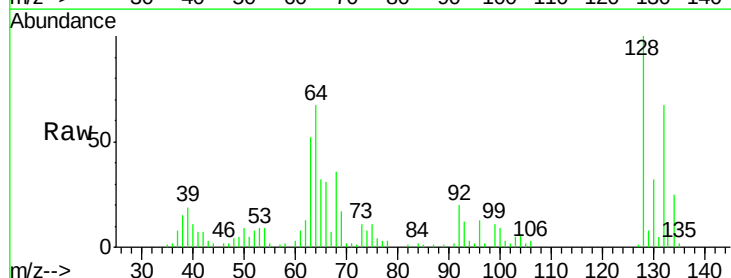
RT: 8.41 min Scan# 871

Delta R.T. 0.00 min

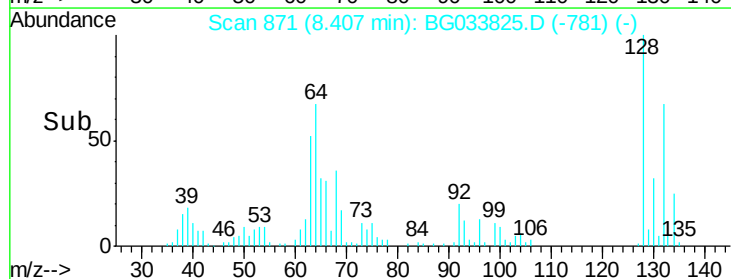
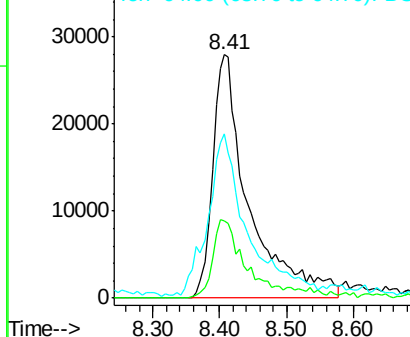
Lab File: BG033825.D

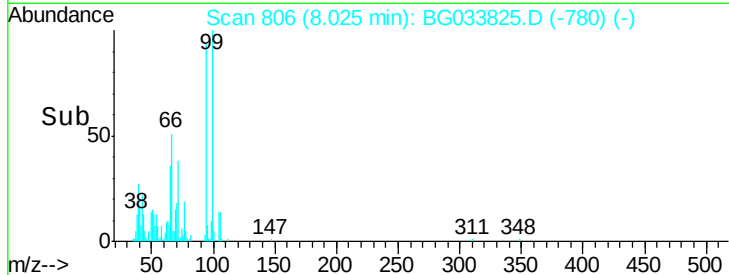
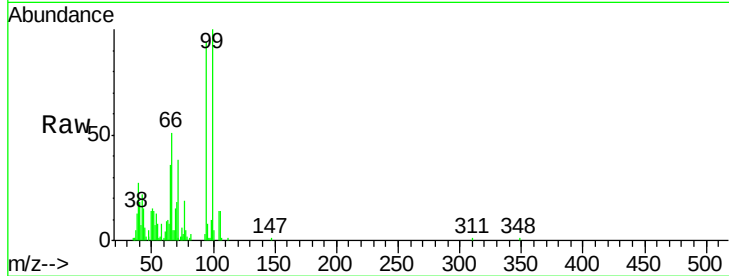
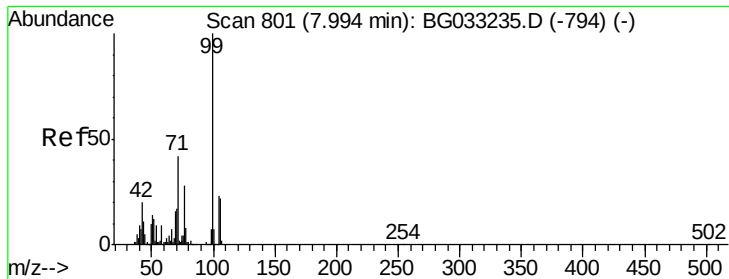
Acq: 16 Apr 2018 20:37

Tgt Ion:	128	Resp:	105803
Ion Ratio	Lower	Upper	
128	100		
130	31.9	14.0	54.0
64	67.2	37.7	77.7



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





#9

Benzaldehyde

Concen: 16.285 ng/mL

RT: 8.02 min Scan# 806

Delta R.T. 0.05 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

Tot Ion:	77	Resp:	28281
Ion Ratio	Lower	Upper	
77	100		
105	75.0	71.3	111.3
106	73.2	64.2	104.2

Instrument :

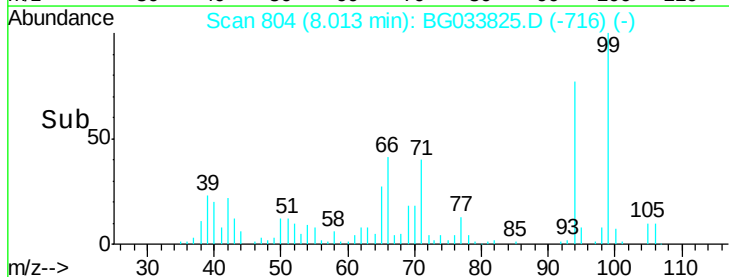
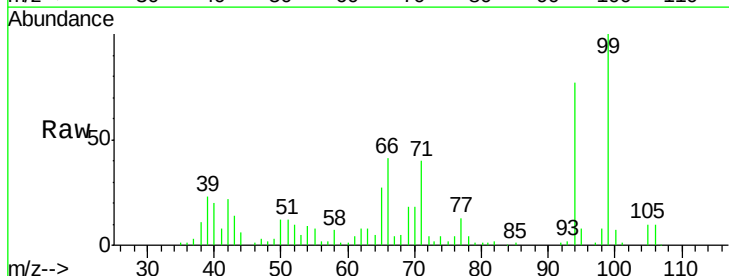
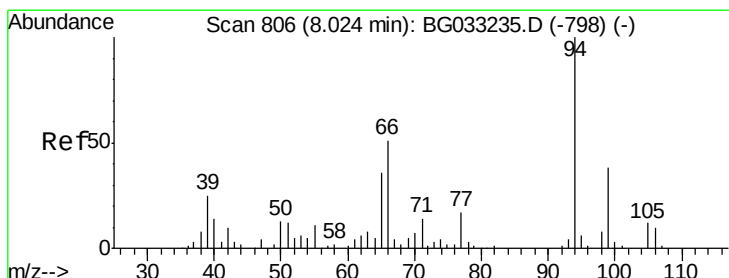
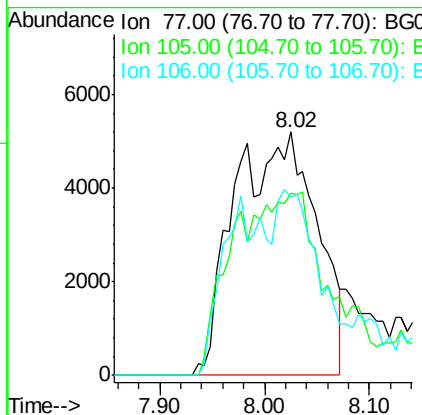
BNA_G

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#10

Phenol

Concen: 48.668 ng/mL

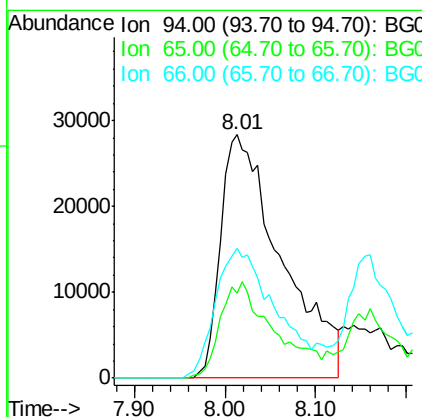
RT: 8.01 min Scan# 804

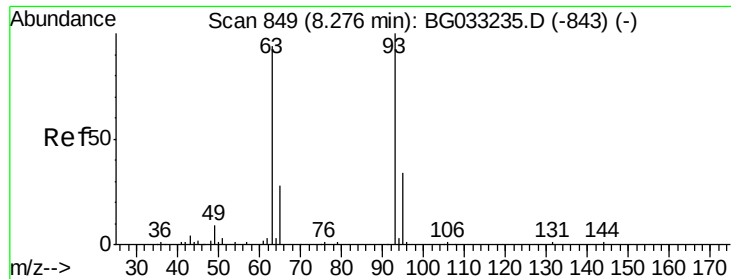
Delta R.T. -0.01 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

Tgt Ion:	94	Resp:	131304
Ion Ratio	Lower	Upper	
94	100		
65	34.8	11.9	51.9
66	53.5	22.2	62.2





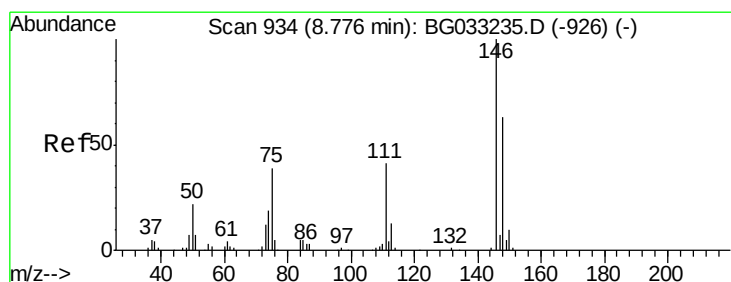
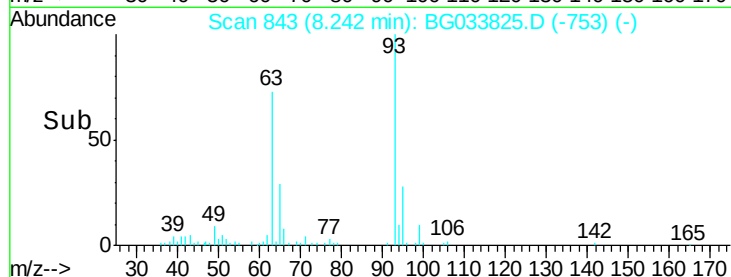
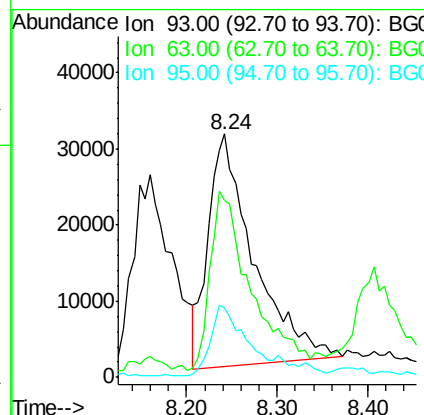
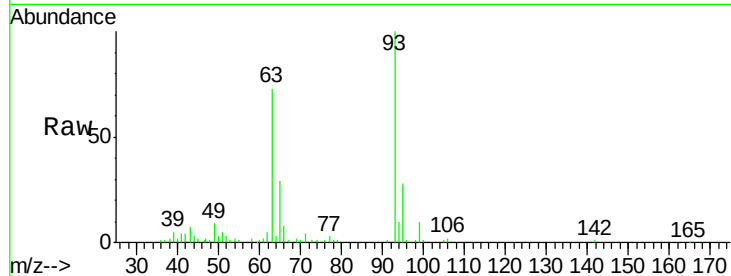
#11
bis(2-Chloroethyl)ether
Concen: 48.530 ng
RT: 8.24 min Scan# 843
Delta R.T. 0.00 min
Lab File: BG033825.D
Acq: 16 Apr 2018 20:37

Instrument :
BNA_G
ClientSampleId :
PB108262BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.8	67.1	107.1
95	28.3	11.5	51.5

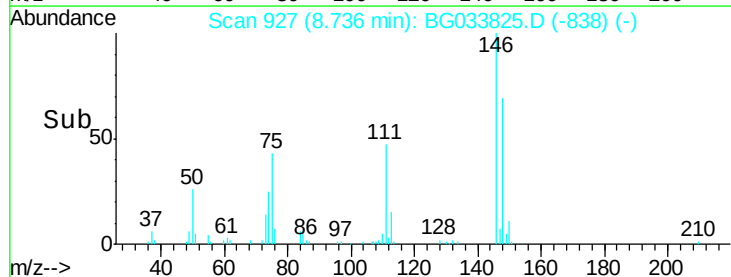
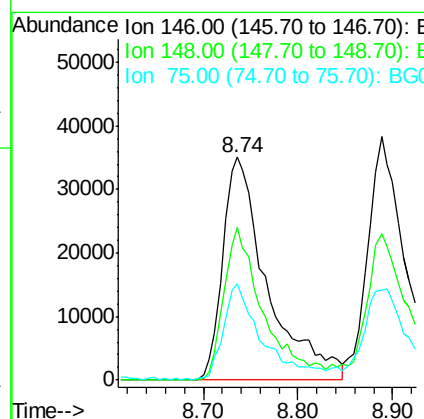
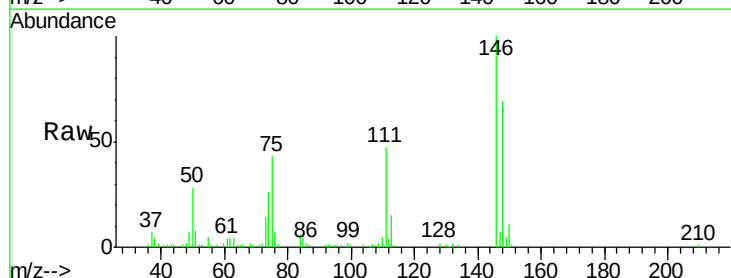
Manual Integrations
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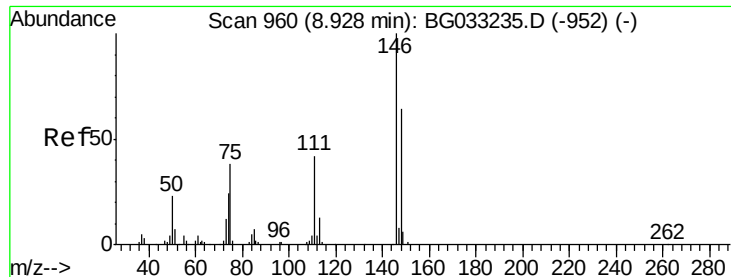
Sohil
4/17/2018 5:20:50 PM



#12
1,3-Dichlorobenzene
Concen: 48.083 ng m
RT: 8.74 min Scan# 927
Delta R.T. -0.01 min
Lab File: BG033825.D
Acq: 16 Apr 2018 20:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.7	51.4	77.2
75	43.5	26.6	39.8





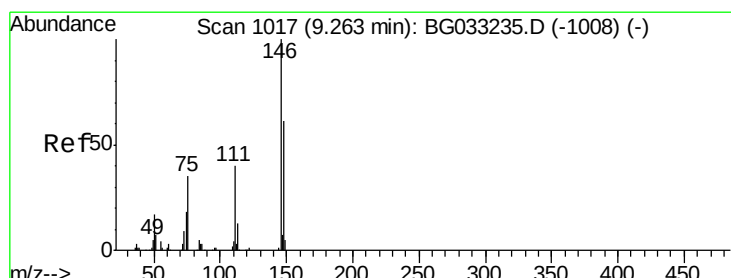
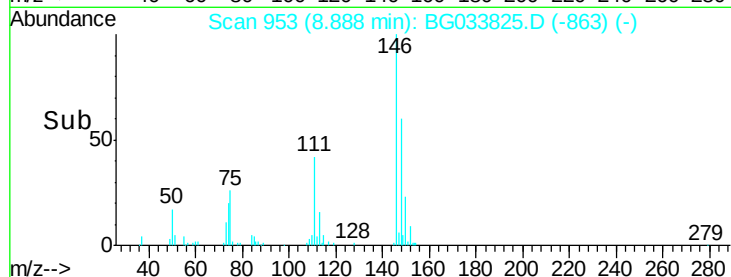
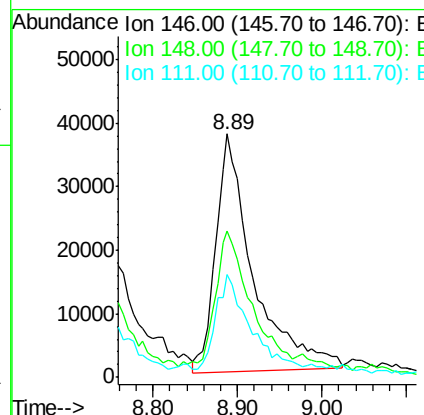
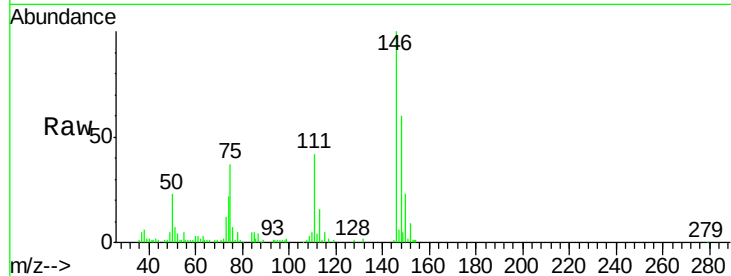
#13
 1,4-Dichlorobenzene
 Concen: 48.820 ng
 RT: 8.89 min Scan# 953
 Delta R.T. 0.00 min
 Lab File: BG033825.D
 Acq: 16 Apr 2018 20:37

Instrument :
 BNA_G
 ClientSampleId :
 PB108262BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	60.2	53.7	80.5
111	42.2	35.2	52.8

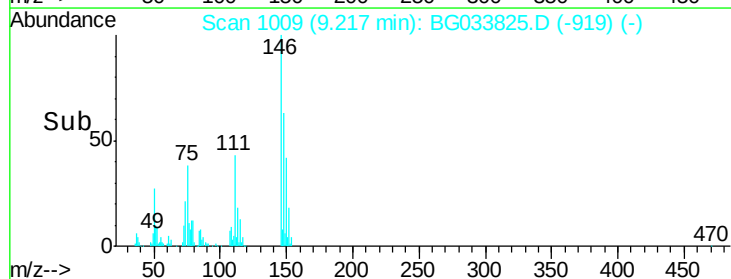
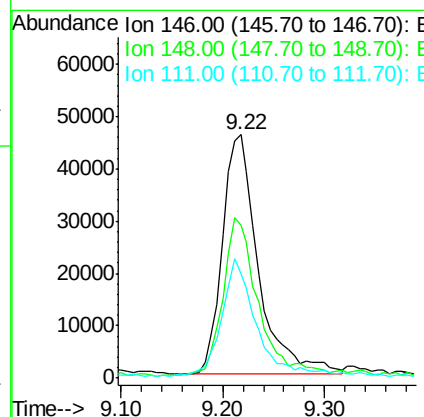
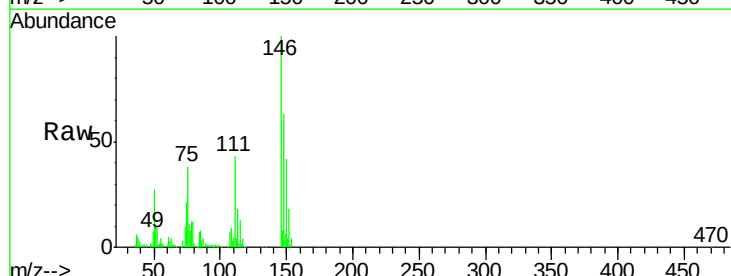
Manual Integrations
 APPROVED

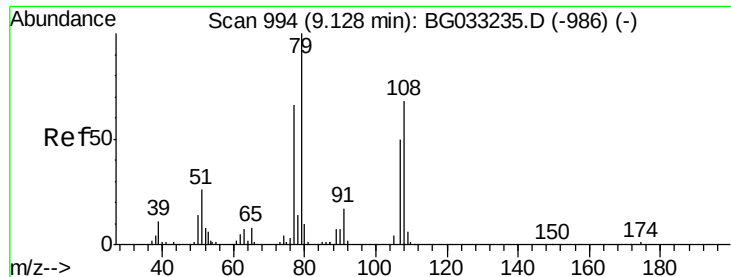
Sohil
 4/17/2018 5:20:50 PM



#14
 1,2-Dichlorobenzene
 Concen: 48.724 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BG033825.D
 Acq: 16 Apr 2018 20:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	49.3	73.9
111	42.7	34.3	51.5





#15

Benzyl Alcohol

Concen: 36.528 ng

RT: 9.10 min Scan# 989

Delta R.T. -0.01 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

Instrument :

BNA_G

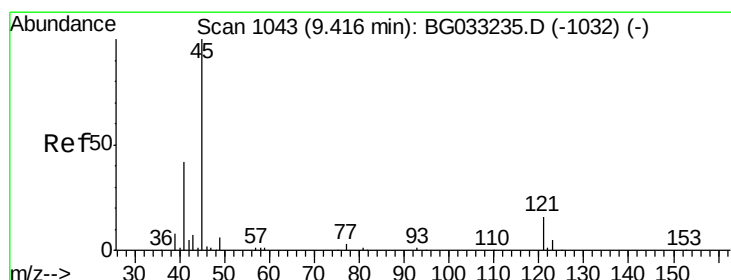
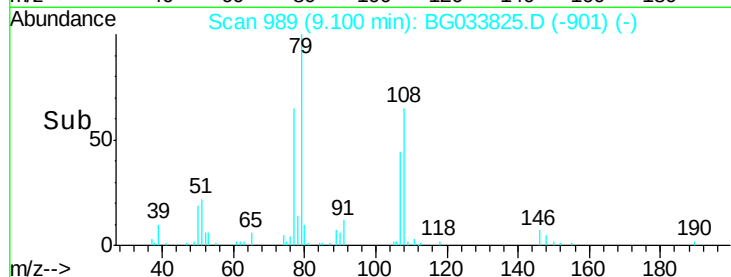
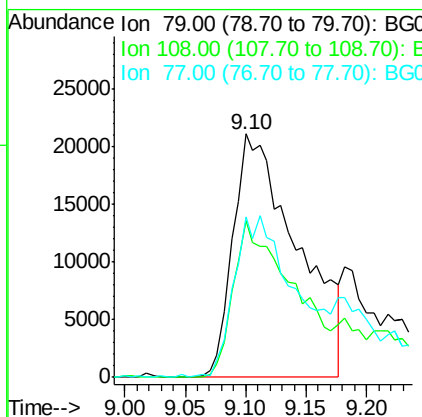
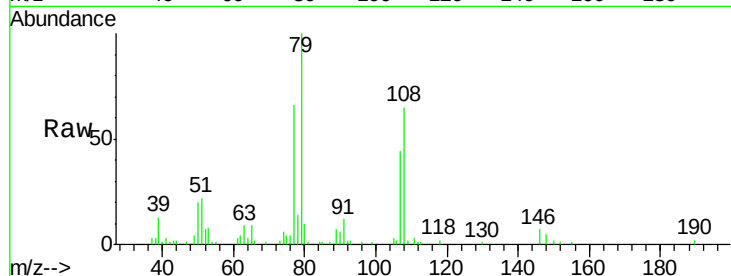
ClientSampled :

PB108262BSD

Tot Ion:	79	Resp:	78589
Ion	Ratio	Lower	Upper
79	100		
108	64.5	57.2	85.8
77	65.6	46.1	69.1

Manual Integrations
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Sohil
4/17/2018 5:20:50 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 58.186 ng

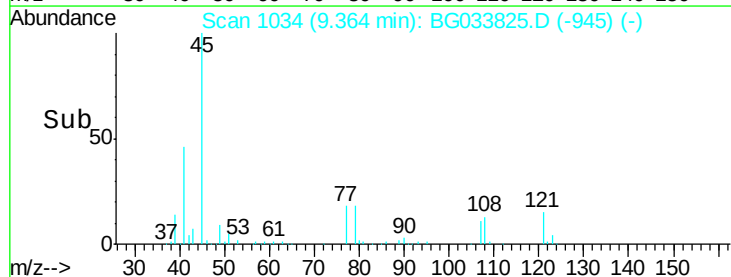
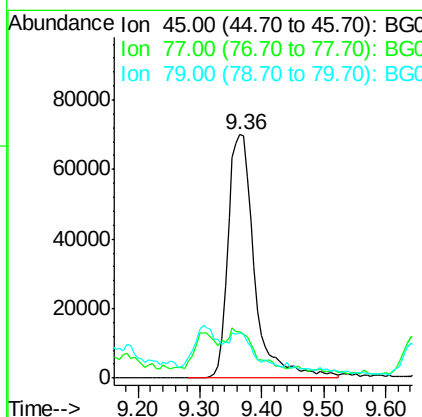
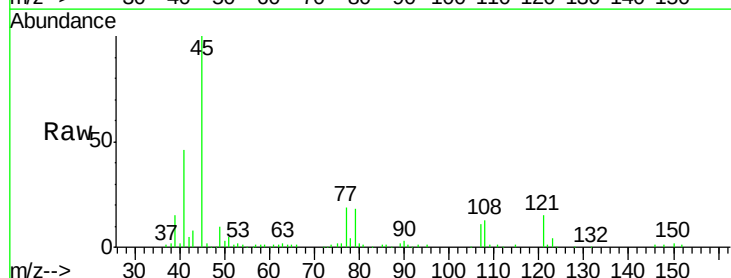
RT: 9.36 min Scan# 1034

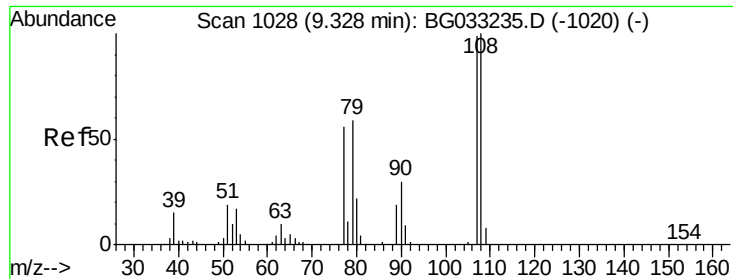
Delta R.T. -0.01 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

Tgt Ion:	45	Resp:	208886
Ion	Ratio	Lower	Upper
45	100		
77	19.1	0.0	30.2
79	18.4	0.0	27.9





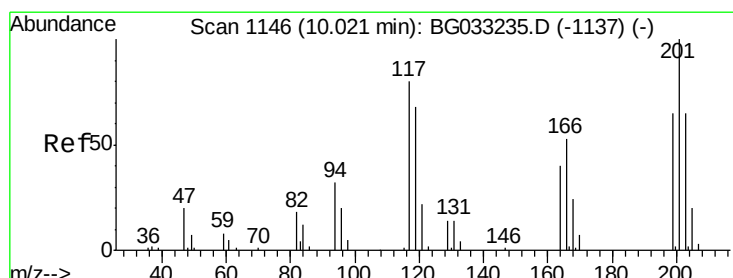
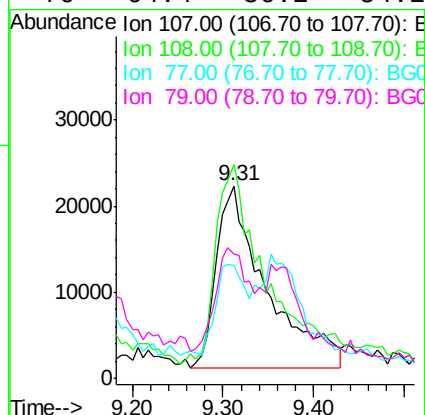
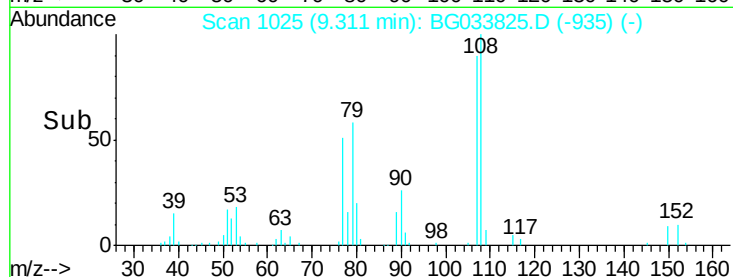
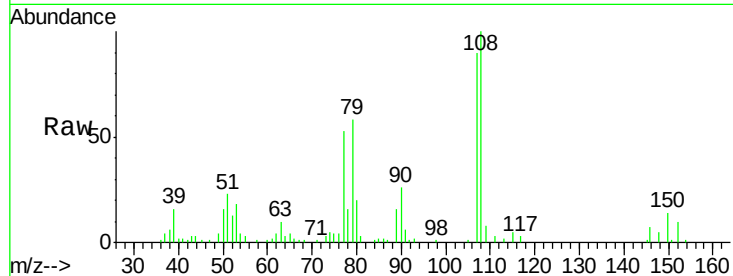
#17
2-Methylphenol
Concen: 44.254 ng
RT: 9.31 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BG033825.D
Acq: 16 Apr 2018 20:37

Instrument :
BNA_G
ClientSampleId :
PB108262BSD

Tot Ion:	107	Resp:	81336
Ion Ratio	Lower	Upper	
107	100		
108	111.0	83.9	125.9
77	58.5	37.2	55.8#
79	64.4	36.2	54.2#

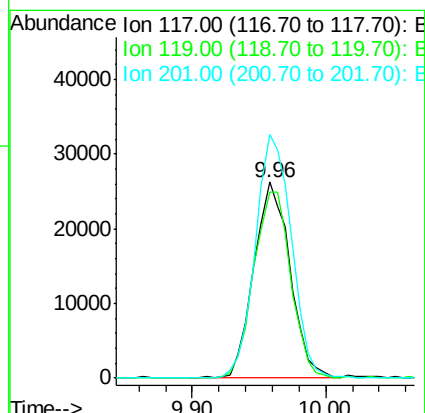
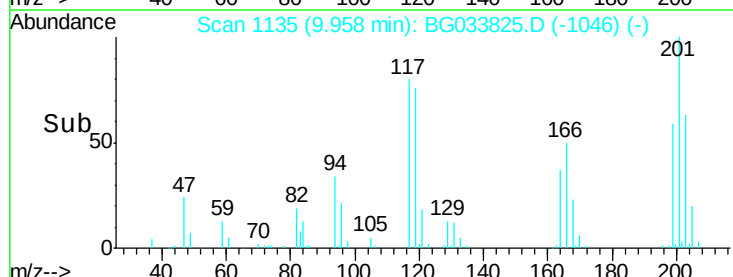
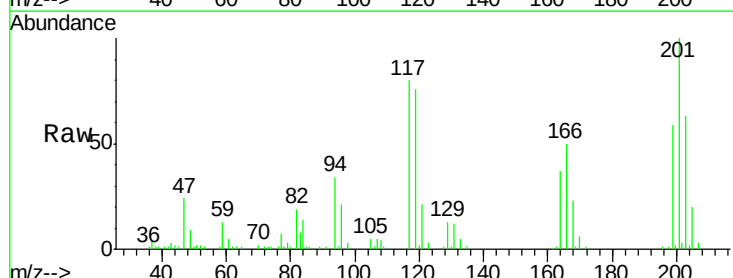
Manual Integrations
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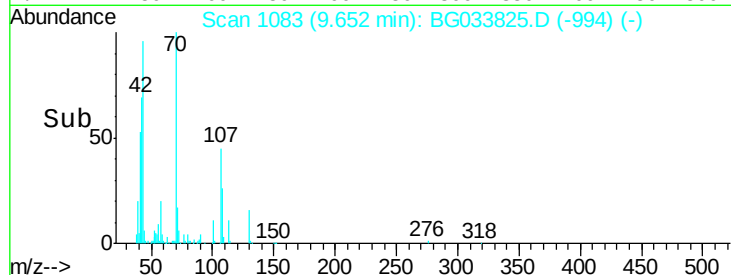
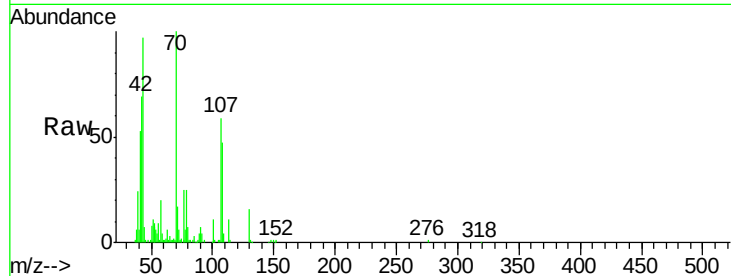
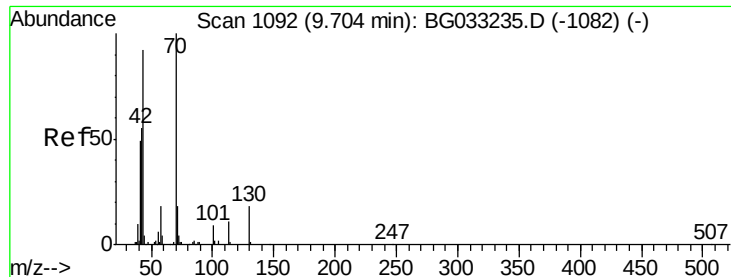
Sohil
4/17/2018 5:20:50 PM



#18
Hexachloroethane
Concen: 53.335 ng
RT: 9.96 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BG033825.D
Acq: 16 Apr 2018 20:37

Tgt Ion:	117	Resp:	49004
Ion Ratio	Lower	Upper	
117	100		
119	94.8	76.7	115.1
201	128.4	95.7	143.5





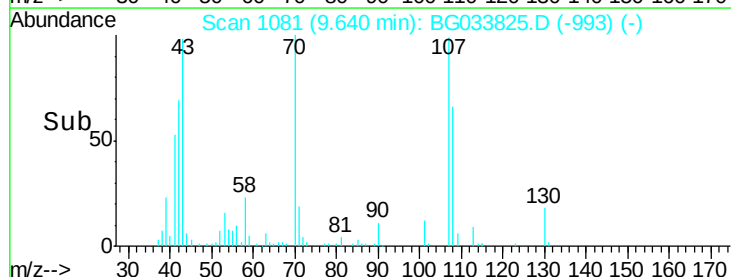
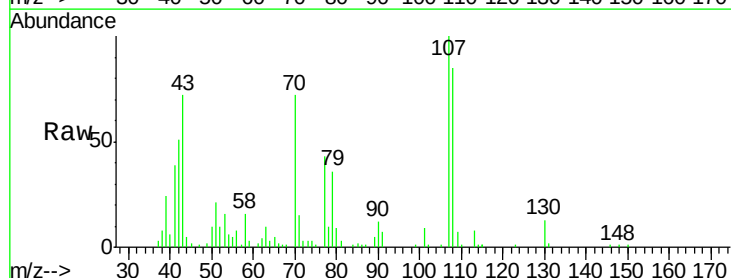
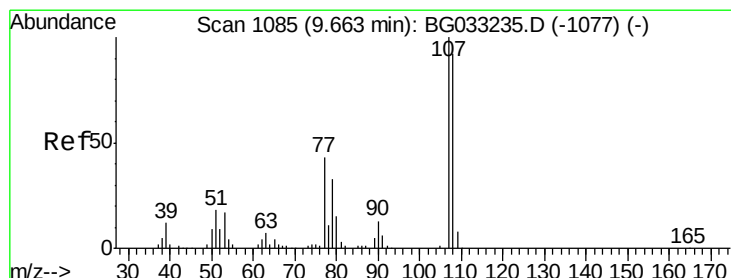
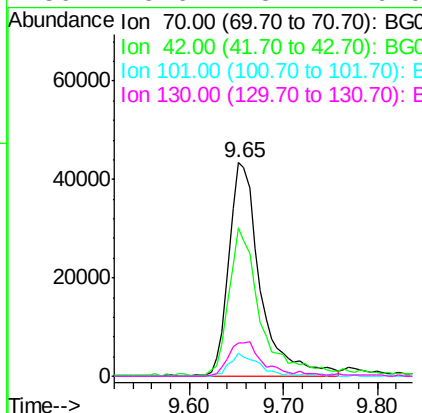
#19
n-Nitroso-di-n-propylamine
Concen: 50.501 ng
RT: 9.65 min Scan# 1083
Delta R.T. -0.01 min
Lab File: BG033825.D
Acq: 16 Apr 2018 20:37

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	69.3	49.1	73.7		
101	10.7	8.5	12.7		
130	15.6	13.4	20.0		

Instrument :
BNA_G
ClientSampleId :
PB108262BSD

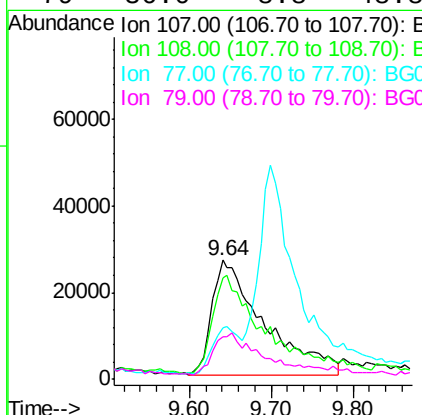
Manual Integrations
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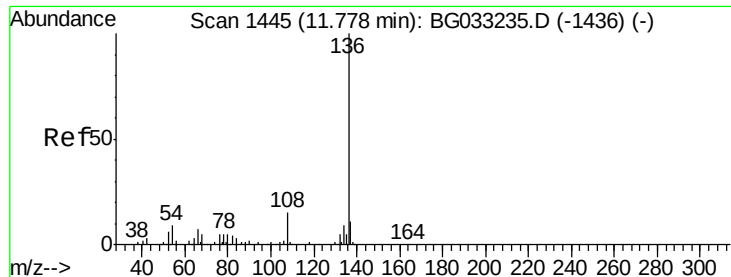
Sohil
4/17/2018 5:20:50 PM



#20
3+4-Methylphenols
Concen: 44.537 ng
RT: 9.64 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BG033825.D
Acq: 16 Apr 2018 20:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	84.6	61.6	101.6		
77	43.3	13.9	53.9		
79	36.0	8.8	48.8		





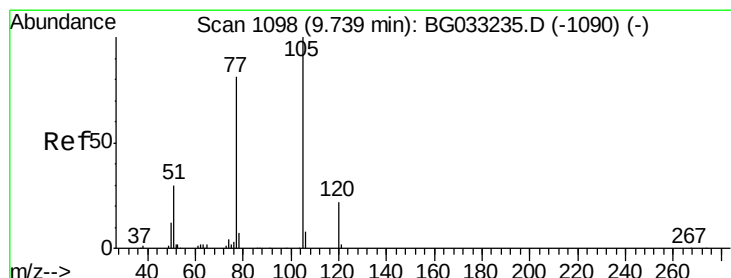
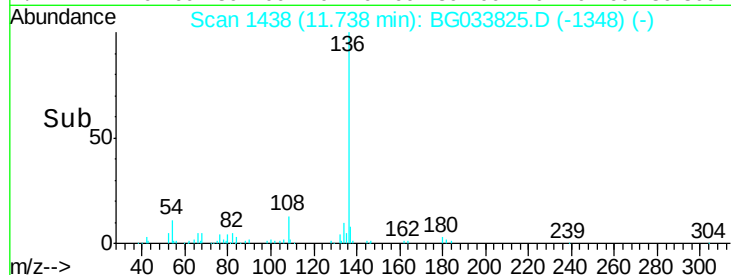
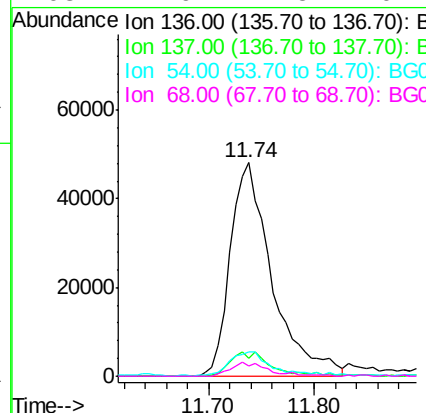
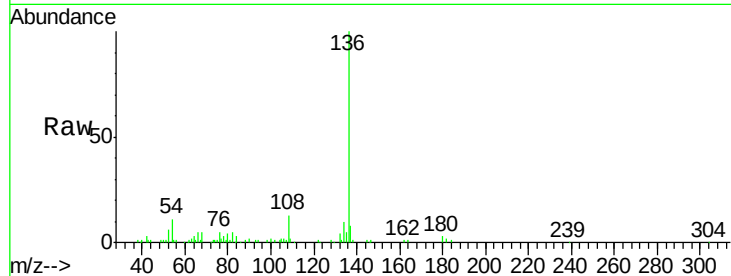
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BG033825.D
Acq: 16 Apr 2018 20:37

Instrument :
BNA_G
ClientSampleId :
PB108262BSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	8.5	9.2	13.8#
54	11.4	10.3	15.5
68	4.9	4.5	6.7

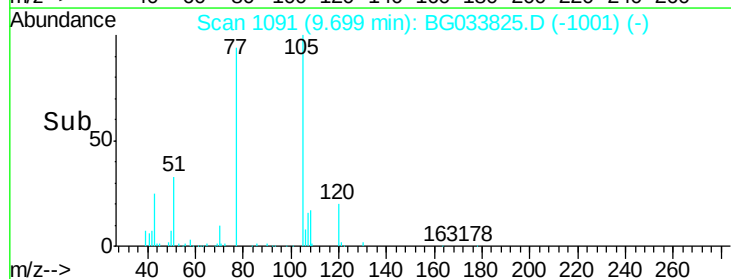
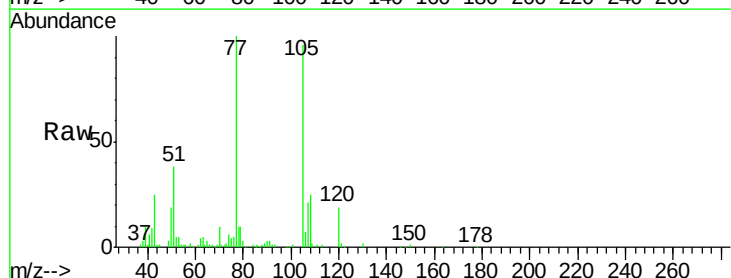
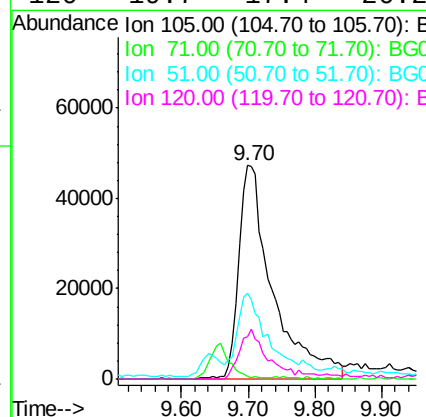
Manual Integrations
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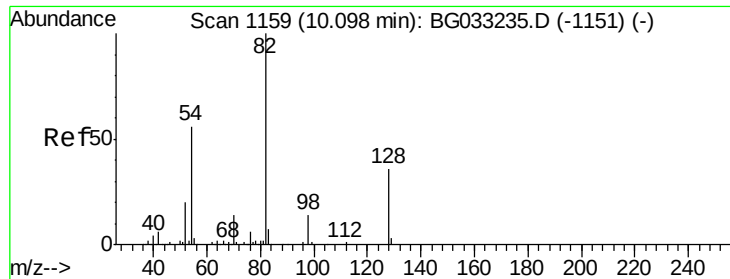
Sohil
4/17/2018 5:20:50 PM



#22
Acetophenone
Concen: 46.478 ng
RT: 9.70 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BG033825.D
Acq: 16 Apr 2018 20:37

Tgt Ion	Ratio	Lower	Upper
105	100		
71	1.4	3.0	4.4#
51	39.9	26.1	39.1#
120	19.7	17.4	26.2





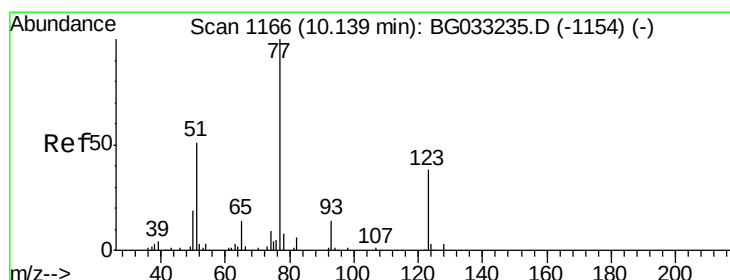
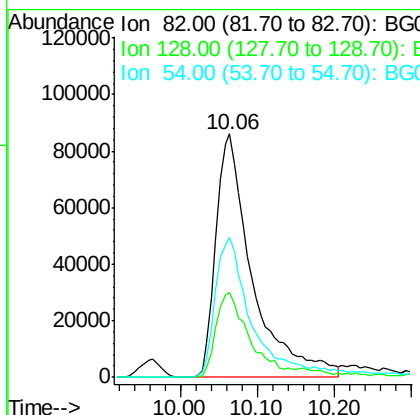
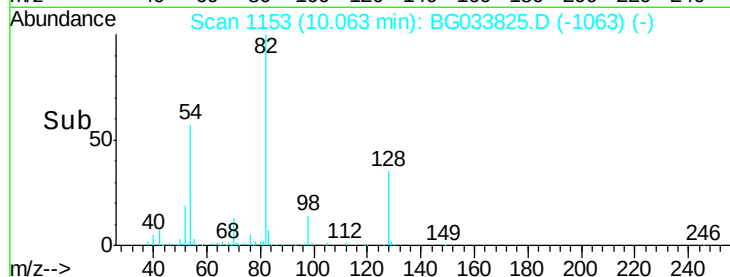
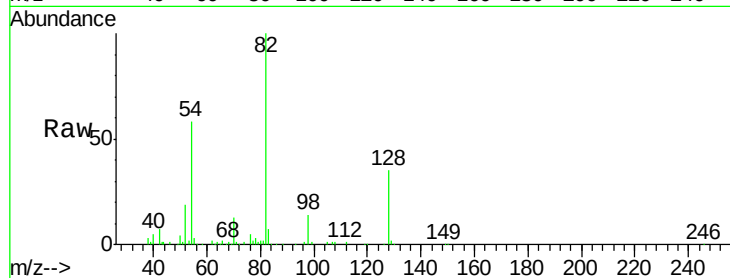
#23
 Nitrobenzene-d5
 Concen: 98.043 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BG033825.D
 Acq: 16 Apr 2018 20:37

Instrument :
 BNA_G
 ClientSampleId :
 PB108262BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	34.7	29.7	44.5
54	57.5	43.1	64.7

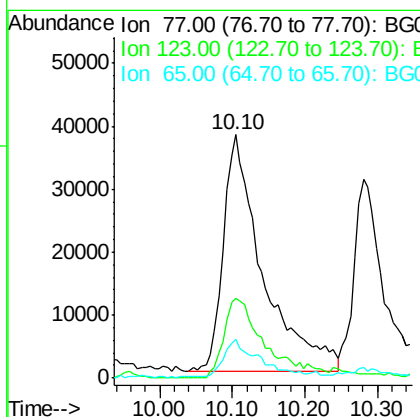
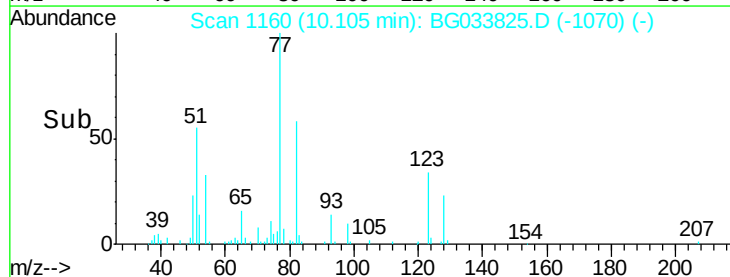
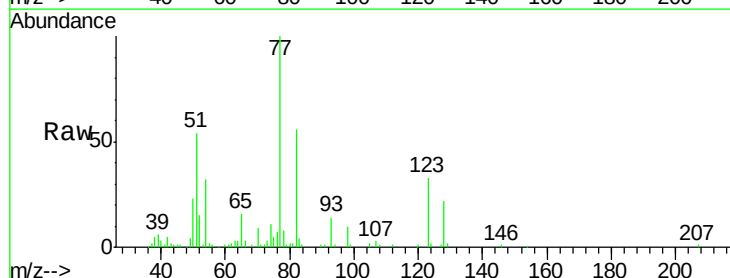
Manual Integrations
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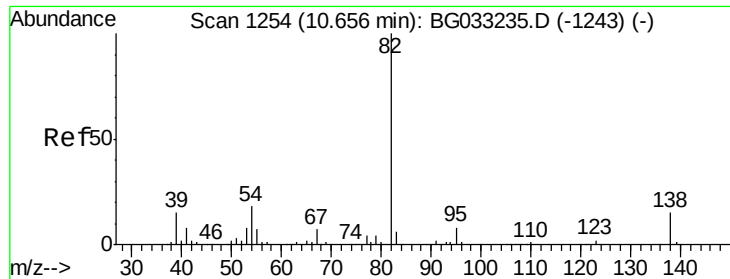
Sohil
 4/17/2018 5:20:50 PM



#24
 Nitrobenzene
 Concen: 46.563 ng
 RT: 10.10 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: BG033825.D
 Acq: 16 Apr 2018 20:37

Tgt Ion	Ratio	Lower	Upper
77	100		
123	32.6	33.0	49.6#
65	16.0	13.0	19.6





#25

Isophorone

Concen: 47.986 ng

RT: 10.60 min Scan# 1245

Delta R.T. -0.01 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

Instrument :

BNA_G

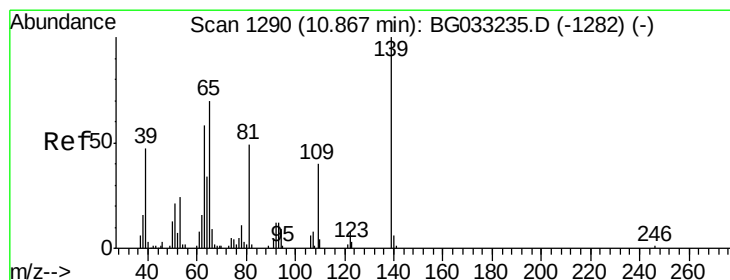
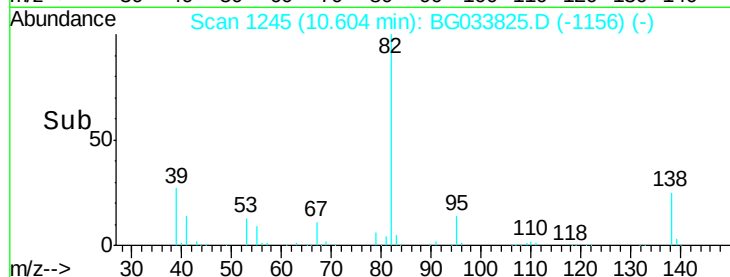
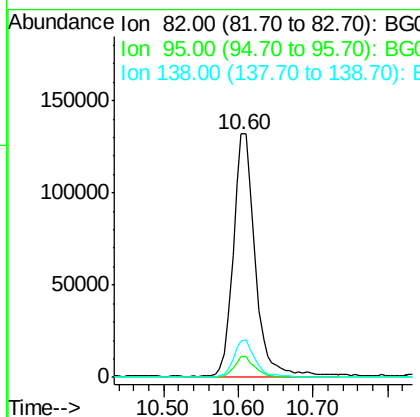
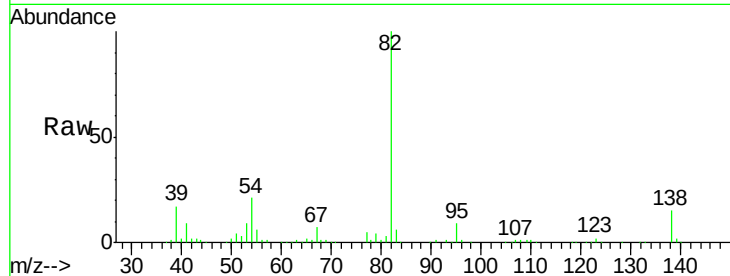
ClientSampleId :

PB108262BSD

Tot Ion:	82	Resp:	267415
Ion Ratio		Lower	Upper
82	100		
95	8.6	6.2	9.2
138	15.1	12.1	18.1

Manual Integrations
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Sohil
4/17/2018 5:20:50 PM



#26

2-Nitrophenol

Concen: 51.083 ng

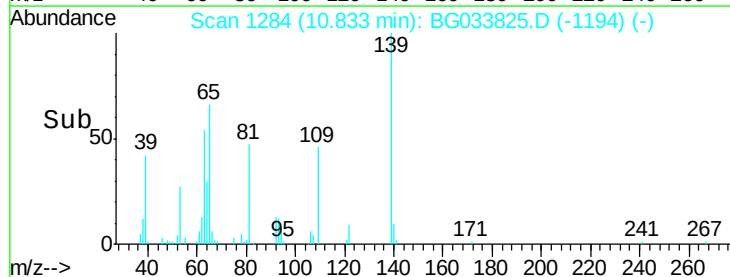
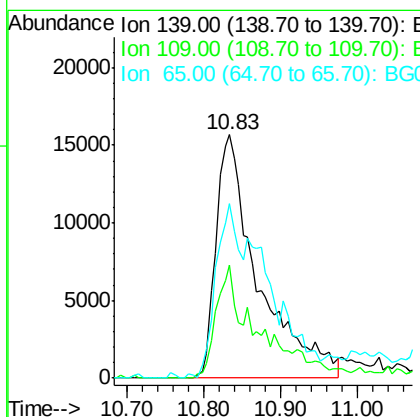
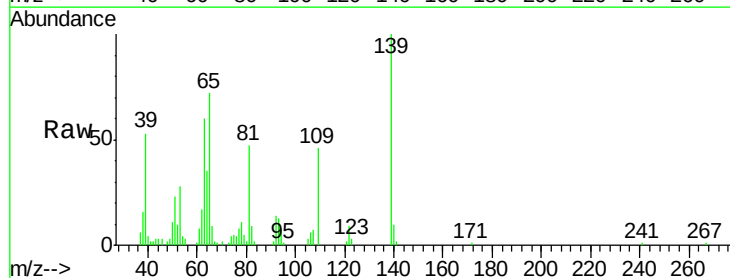
RT: 10.83 min Scan# 1284

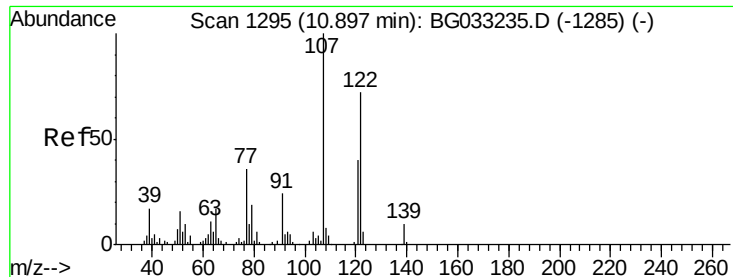
Delta R.T. 0.00 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

Tgt Ion:	139	Resp:	59438
Ion Ratio		Lower	Upper
139	100		
109	46.4	24.2	36.2#
65	71.8	47.4	71.0#





#27

2,4-Dimethylphenol

Concen: 50.485 ng

RT: 10.86 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

Instrument :

BNA_G

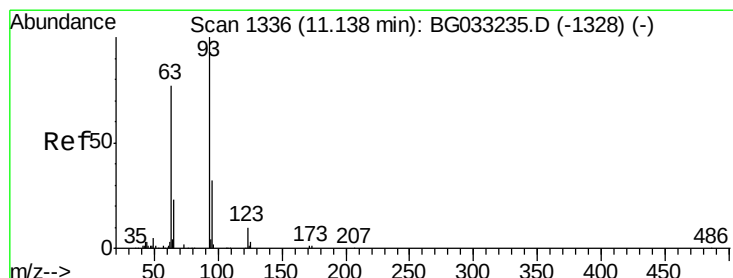
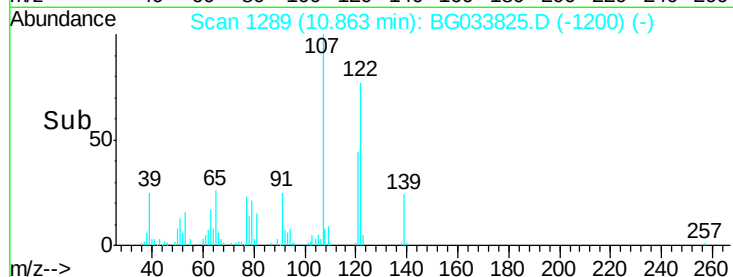
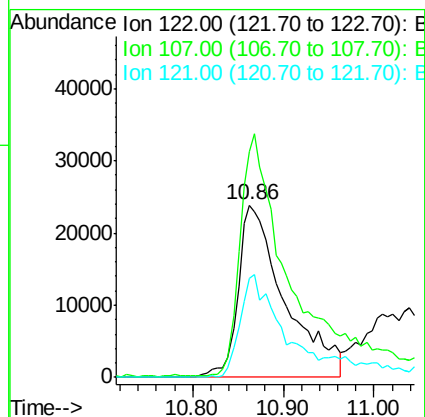
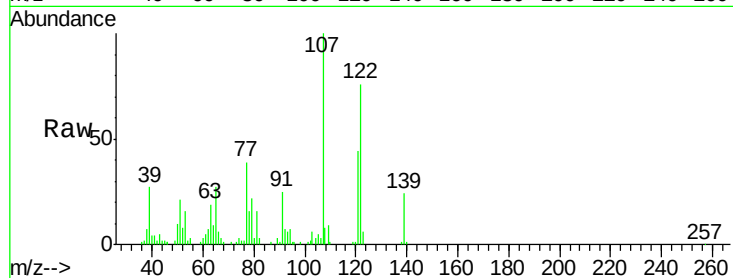
ClientSampleId :

PB108262BSD

Tot Ion:	122	Resp:	85334
Ion	Ratio	Lower	Upper
122	100		
107	131.1	100.2	150.2
121	57.2	44.4	66.6

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4/17/2018 5:20:50 PM



#28

bis(2-Chloroethoxy)methane

Concen: 49.497 ng

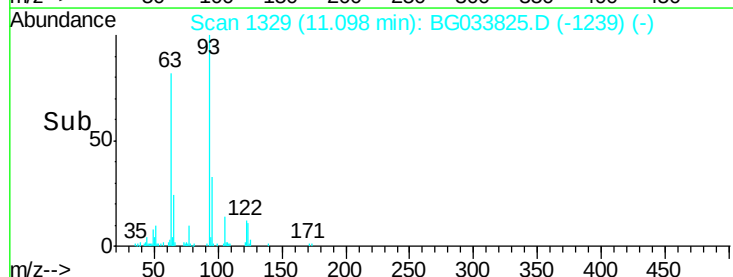
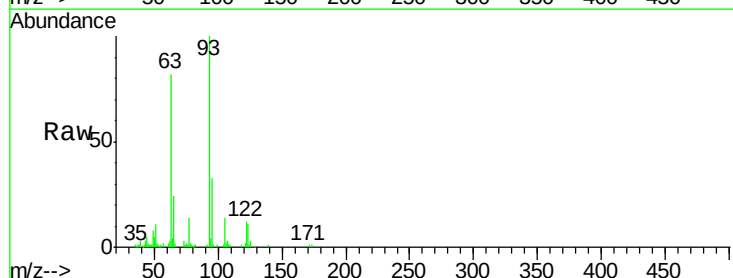
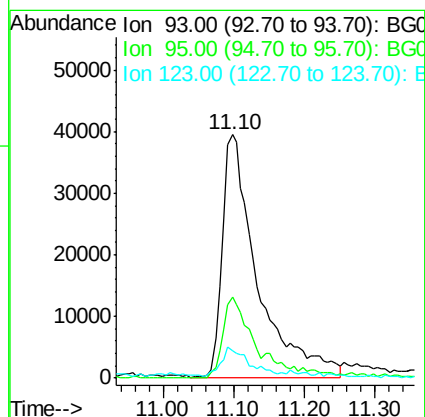
RT: 11.10 min Scan# 1329

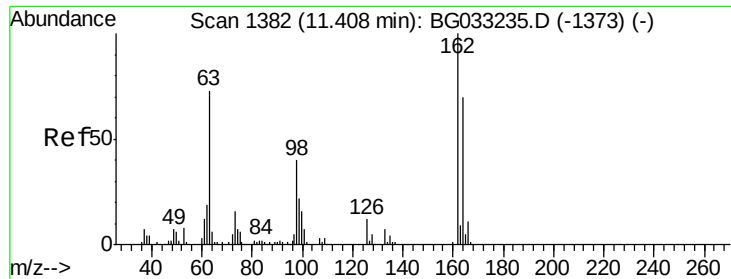
Delta R.T. 0.00 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

Tgt Ion:	93	Resp:	137627
Ion	Ratio	Lower	Upper
93	100		
95	33.4	24.3	36.5
123	11.1	8.4	12.6





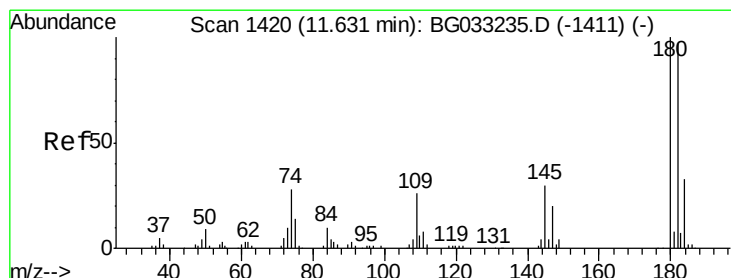
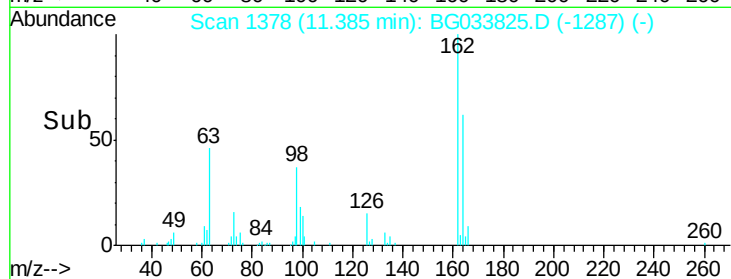
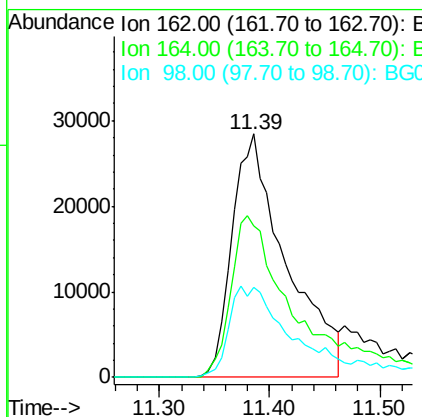
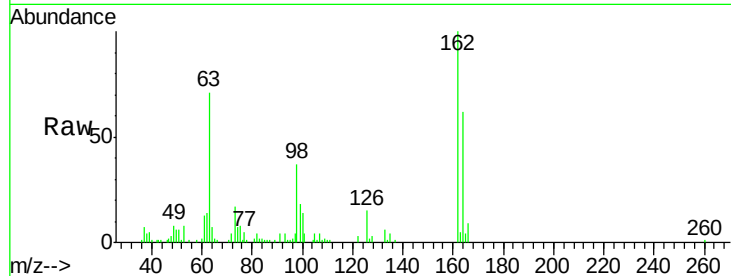
#29
2,4-Dichlorophenol
Concen: 46.961 ng
RT: 11.39 min Scan# 1378
Delta R.T. 0.01 min
Lab File: BG033825.D
Acq: 16 Apr 2018 20:37

Instrument :
BNA_G
ClientSampleId :
PB108262BSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.3	48.0	88.0
98	36.8	21.1	61.1

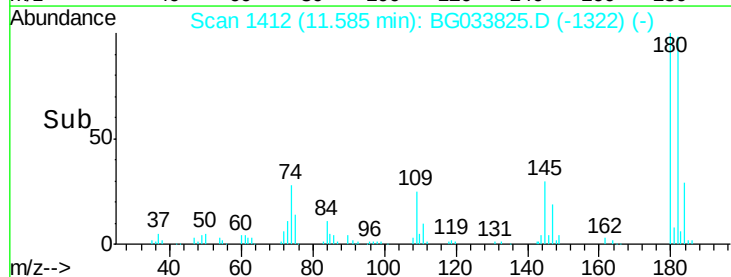
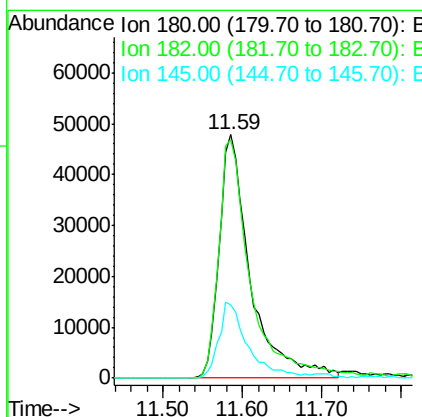
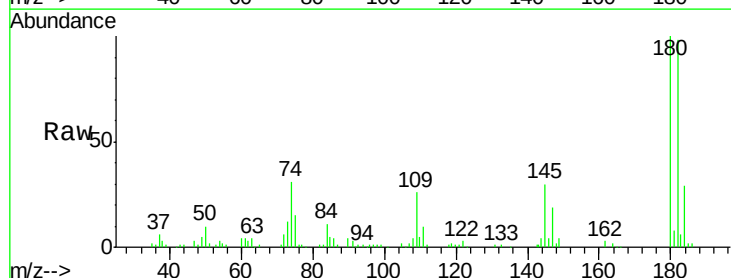
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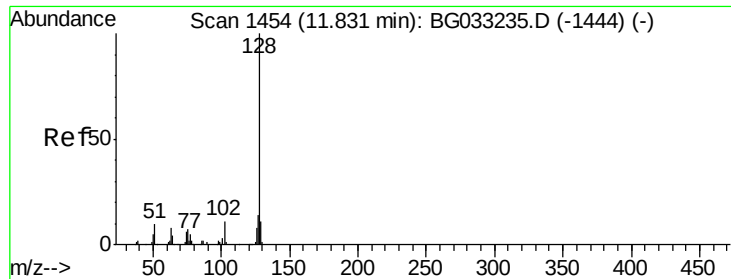
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#30
1,2,4-Trichlorobenzene
Concen: 48.358 ng
RT: 11.59 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BG033825.D
Acq: 16 Apr 2018 20:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.2	77.5	116.3
145	30.0	23.4	35.2





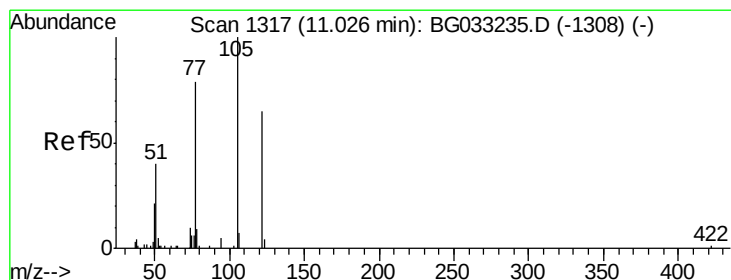
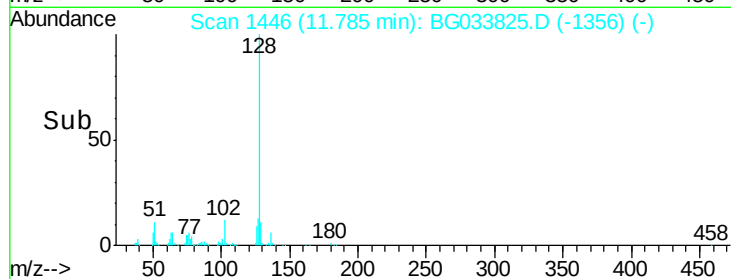
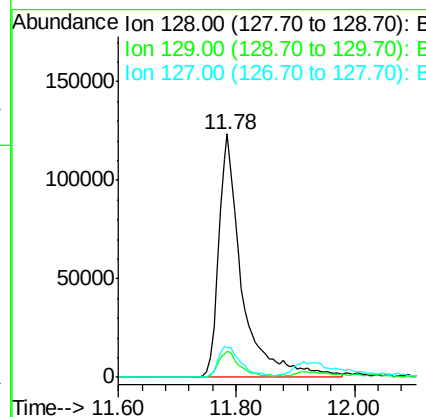
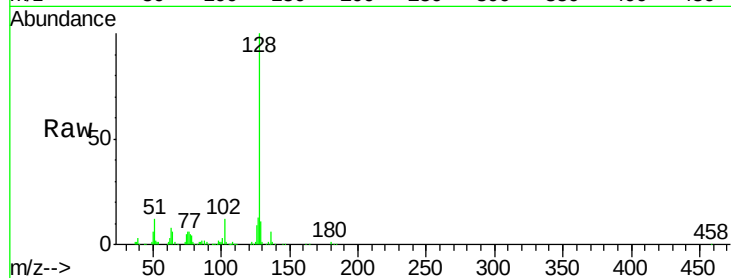
#31
Naphthalene
Concen: 49.284 ng
RT: 11.78 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BG033825.D
Acq: 16 Apr 2018 20:37

Instrument :
BNA_G
ClientSampleId :
PB108262BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	336910		
129	10.6		8.6	12.8
127	12.5		11.6	17.4

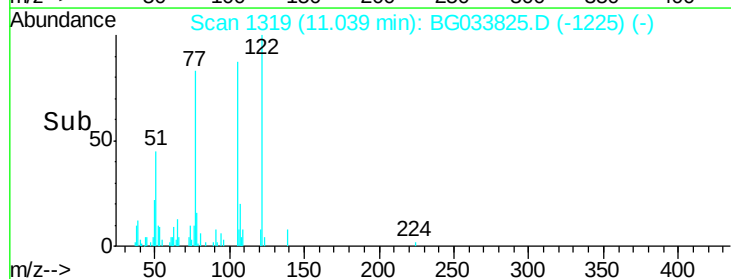
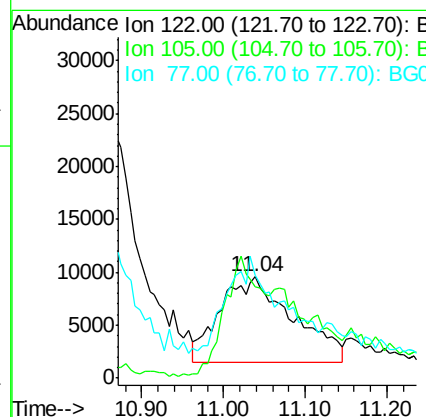
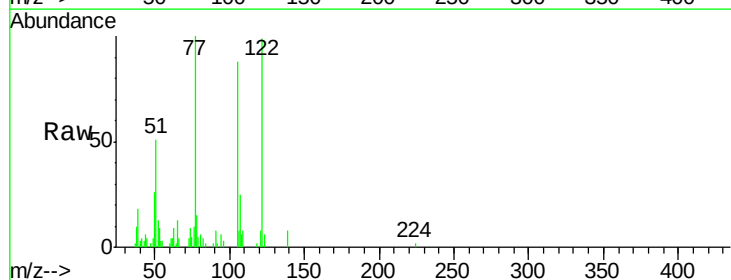
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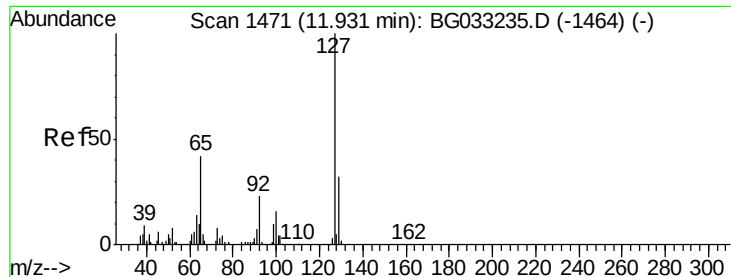
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4/17/2018 5:20:50 PM



#32
Benzoic acid
Concen: 32.286 ng m
RT: 11.04 min Scan# 1319
Delta R.T. 0.02 min
Lab File: BG033825.D
Acq: 16 Apr 2018 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	50731		
105	89.8		123.5	163.5#
77	101.4		85.7	125.7





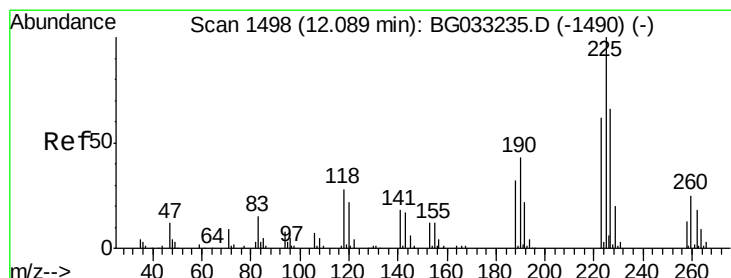
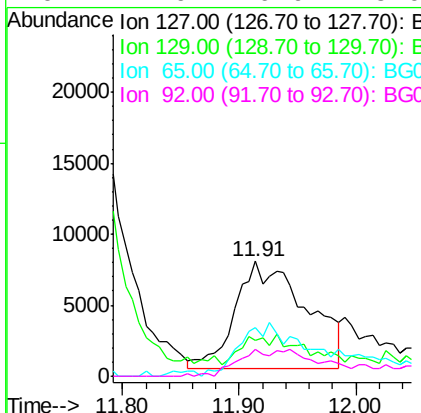
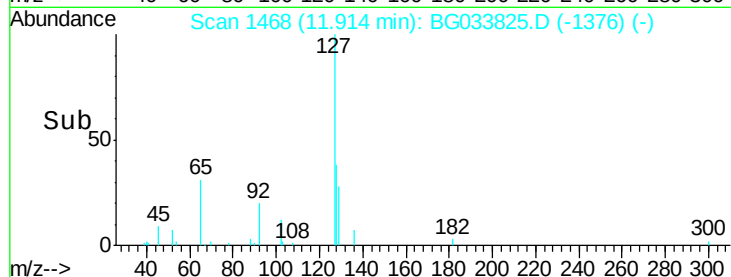
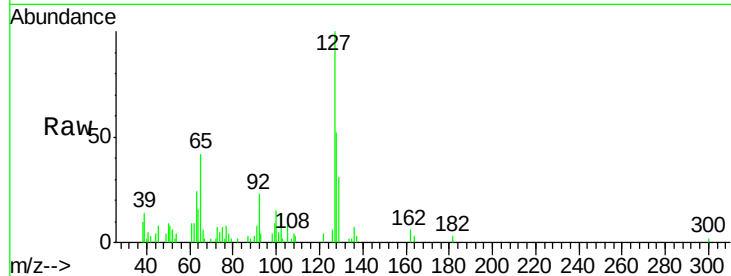
#33
4-Chloroaniline
Concen: 10.346 ng/mL
RT: 11.91 min Scan# 1468
Delta R.T. 0.01 min
Lab File: BG033825.D
Acq: 16 Apr 2018 20:37

Instrument :
BNA_G
ClientSampleId :
PB108262BSD

Tot Ion:	127	Resp:	31687
Ion Ratio	Lower	Upper	
127	100		
129	31.0	24.0	36.0
65	41.9	27.0	40.4
92	22.9	16.6	25.0

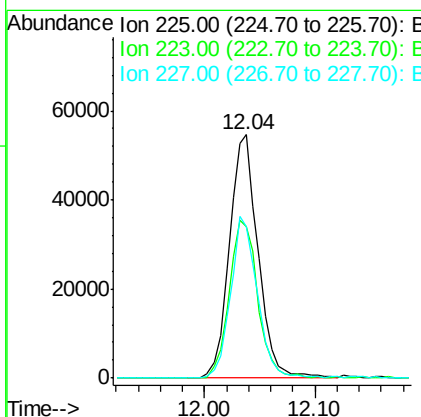
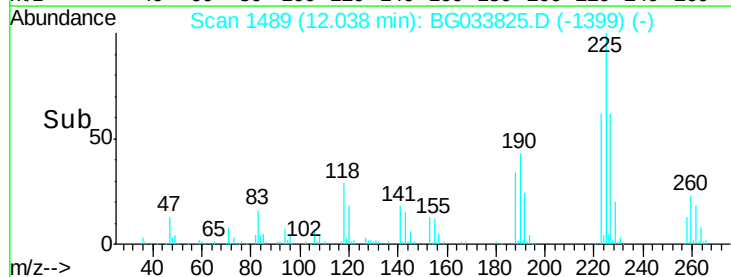
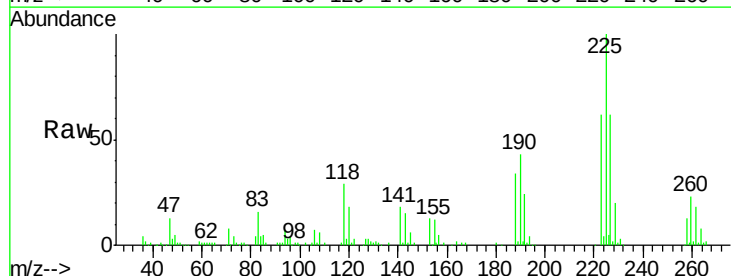
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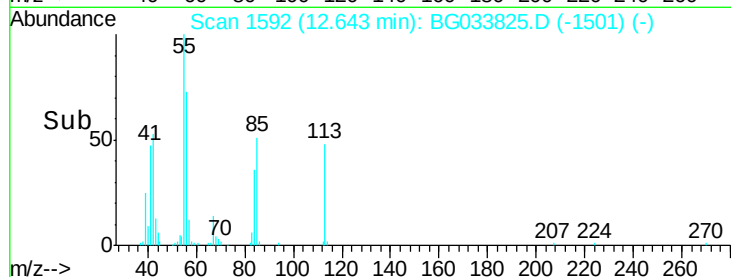
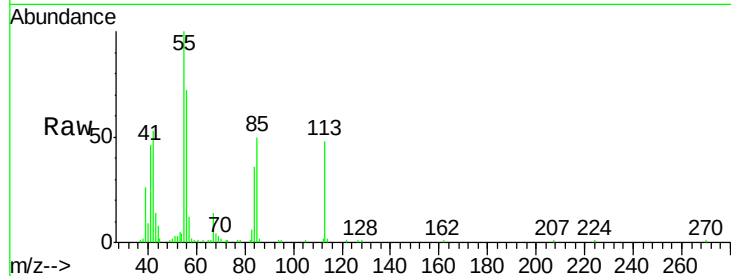
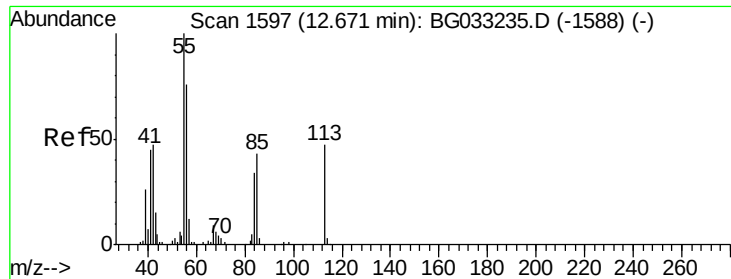
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#34
Hexachlorobutadiene
Concen: 48.605 ng/mL
RT: 12.04 min Scan# 1489
Delta R.T. 0.00 min
Lab File: BG033825.D
Acq: 16 Apr 2018 20:37

Tgt Ion:	225	Resp:	99269
Ion Ratio	Lower	Upper	
225	100		
223	62.1	49.7	74.5
227	62.0	48.1	72.1





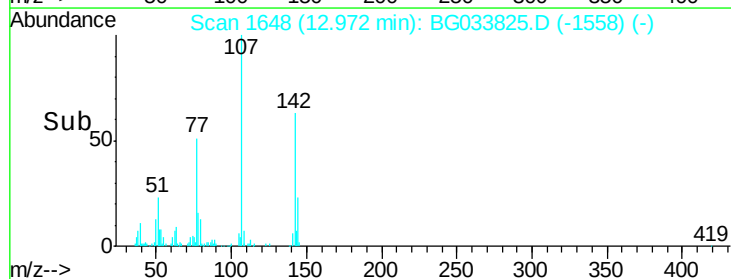
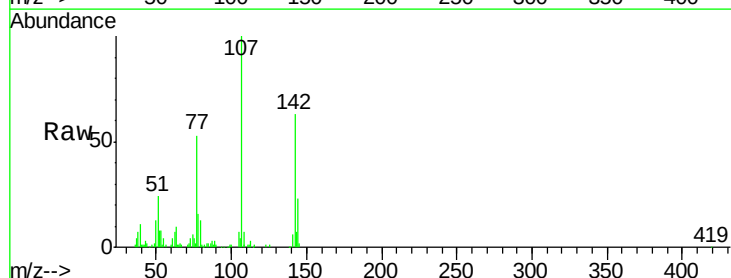
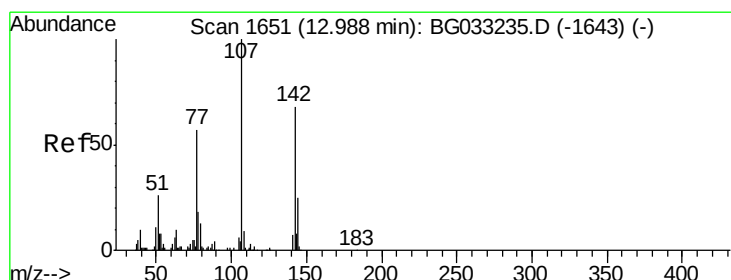
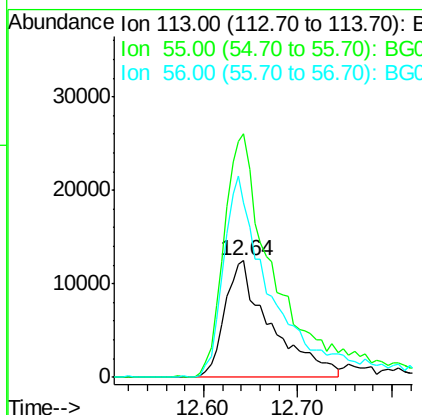
#35
 Caprolactam
 Concen: 51.981 ng
 RT: 12.64 min Scan# 1592
 Delta R.T. 0.01 min
 Lab File: BG033825.D
 Acq: 16 Apr 2018 20:37

Tot Ion: 113 Resp: 42332
 Ion Ratio Lower Upper
 113 100
 55 209.1 186.9 226.9
 56 150.4 130.9 170.9

Instrument :
 BNA_G
 ClientSampleId :
 PB108262BSD

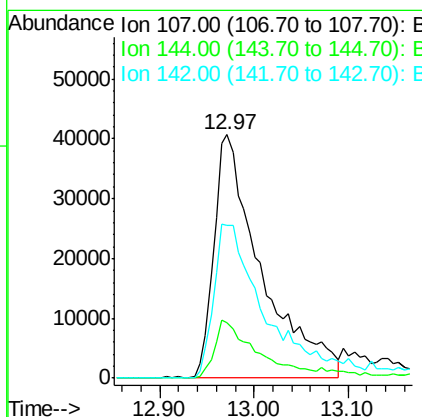
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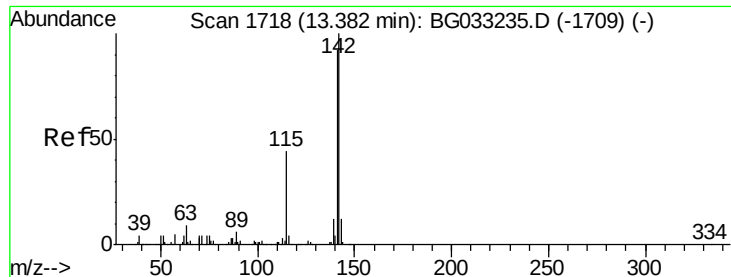
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#36
 4-Chloro-3-methylphenol
 Concen: 52.746 ng
 RT: 12.97 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: BG033825.D
 Acq: 16 Apr 2018 20:37

Tgt Ion: 107 Resp: 143006
 Ion Ratio Lower Upper
 107 100
 144 23.0 18.2 27.4
 142 62.8 59.0 88.4





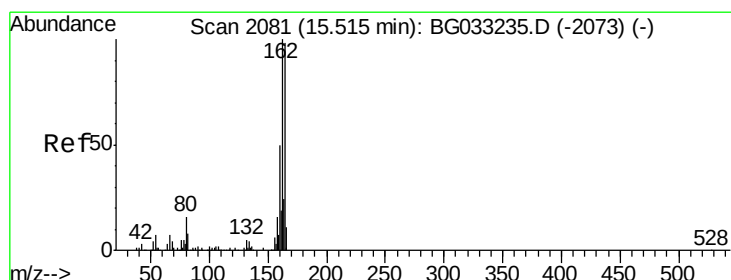
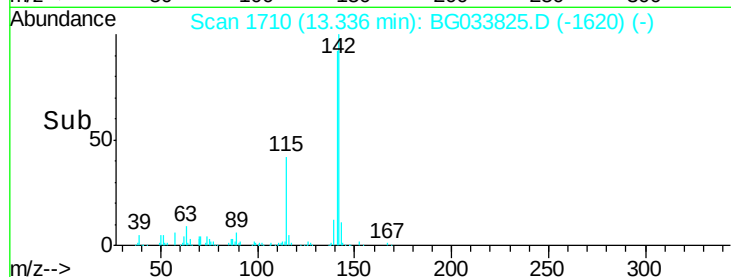
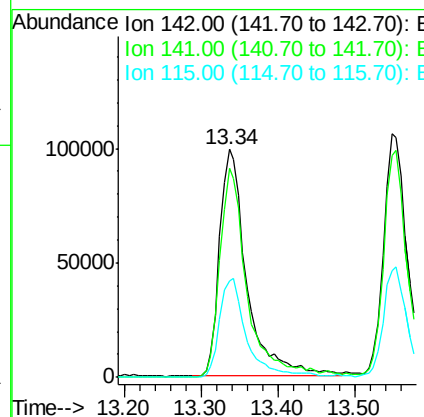
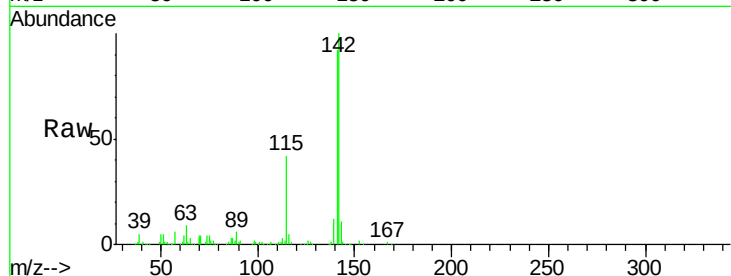
#37
2-Methylnaphthalene
Concen: 45.682 ng
RT: 13.34 min Scan# 1710
Delta R.T. 0.00 min
Lab File: BG033825.D
Acq: 16 Apr 2018 20:37

Instrument :
BNA_G
ClientSampleId :
PB108262BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.1	67.1	100.7
115	42.3	30.7	46.1

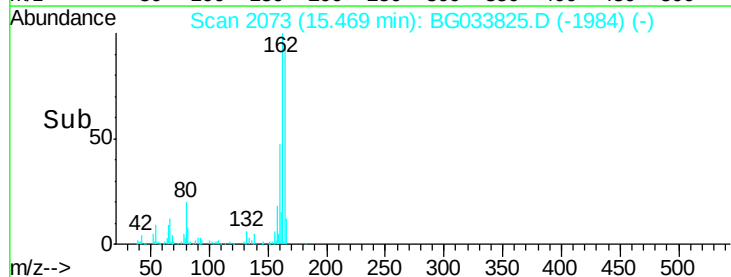
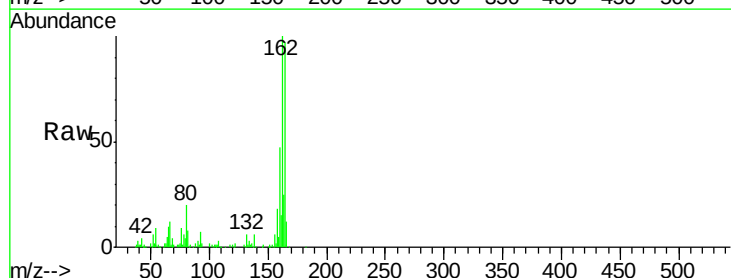
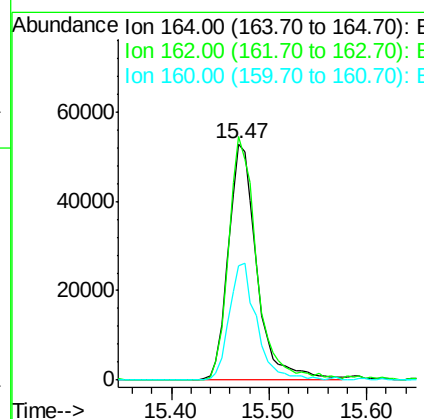
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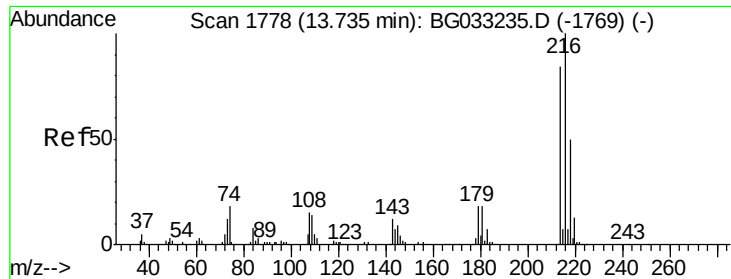
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.47 min Scan# 2073
Delta R.T. -0.01 min
Lab File: BG033825.D
Acq: 16 Apr 2018 20:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	78.8	118.2
160	48.6	35.4	53.0





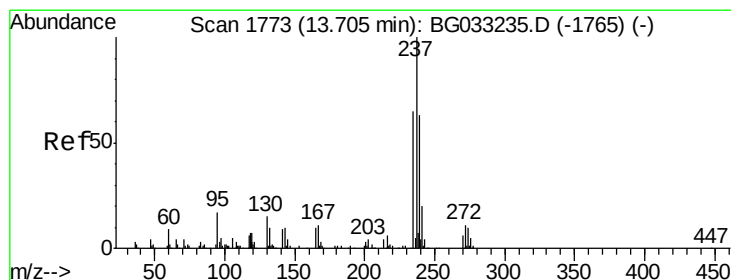
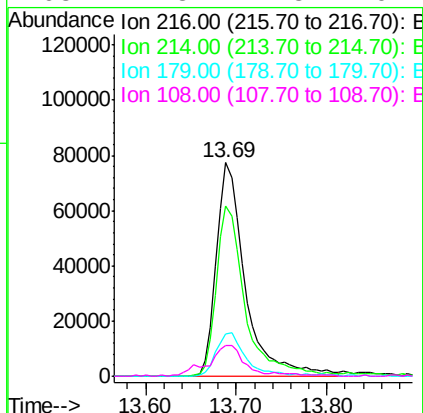
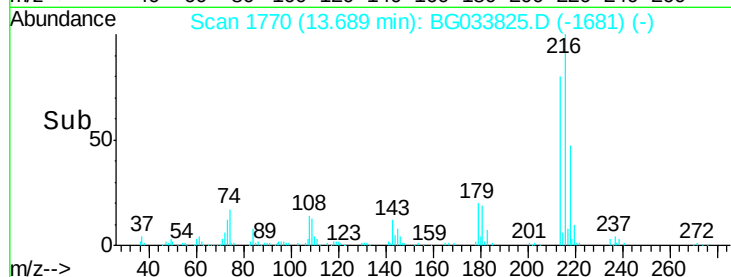
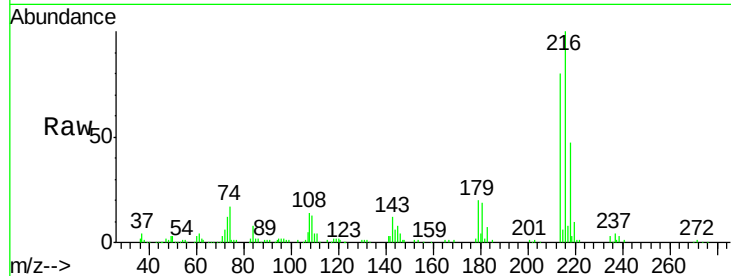
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.038 ng
 RT: 13.69 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BG033825.D
 Acq: 16 Apr 2018 20:37

Instrument :
 BNA_G
 ClientSampleId :
 PB108262BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	79.3		63.0	94.4	
179	20.3		17.0	25.6	
108	17.3		12.8	19.2	

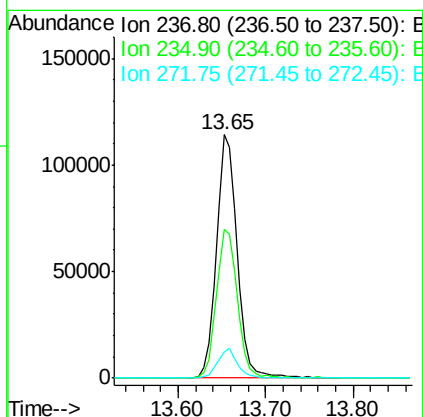
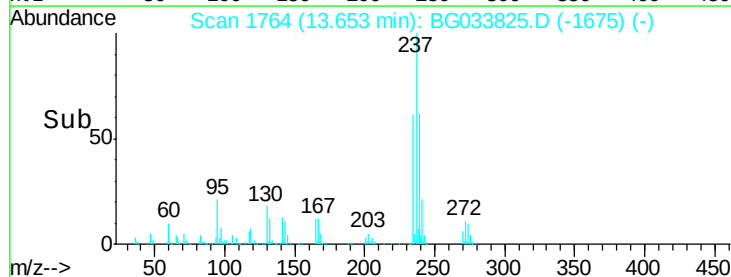
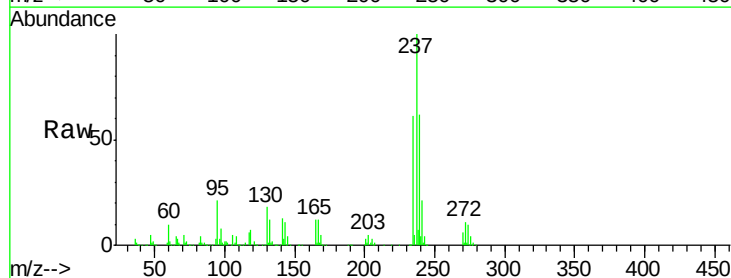
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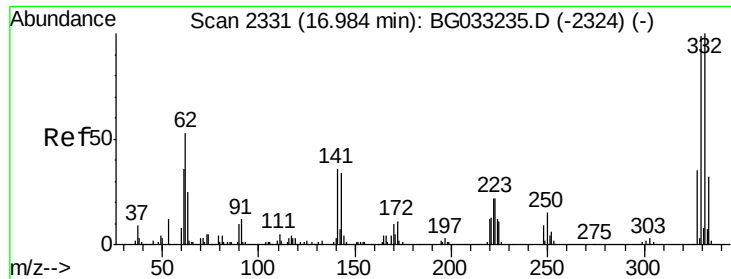
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#40
 Hexachlorocyclopentadiene
 Concen: 82.269 ng
 RT: 13.65 min Scan# 1764
 Delta R.T. -0.01 min
 Lab File: BG033825.D
 Acq: 16 Apr 2018 20:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	61.0		50.4	90.4	
272	10.6		0.0	31.8	





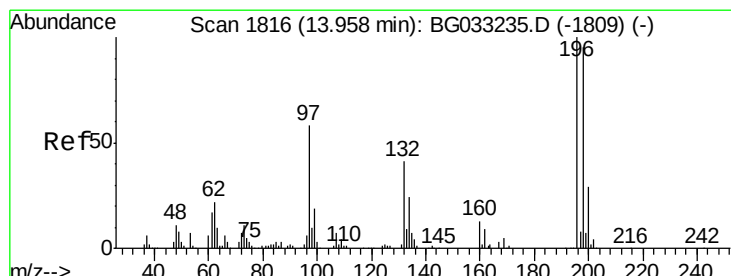
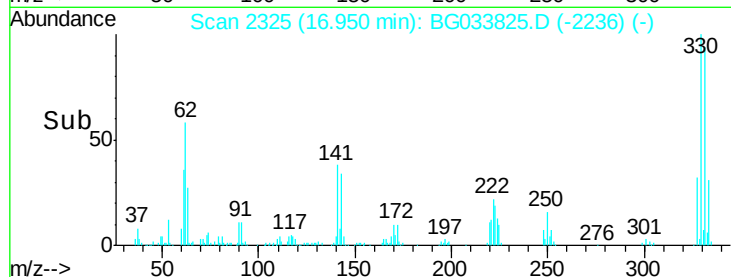
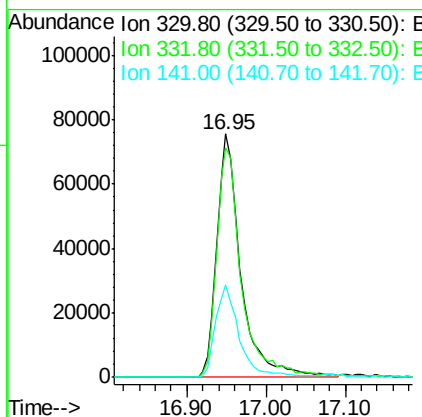
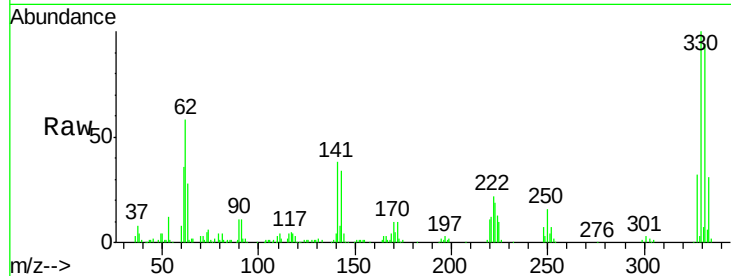
#41
 2,4,6-Tribromophenol
 Concen: 98.909 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.01 min
 Lab File: BG033825.D
 Acq: 16 Apr 2018 20:37

Instrument :
 BNA_G
 ClientSampleId :
 PB108262BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.9	77.0	115.6	
141	37.6	25.2	37.8	

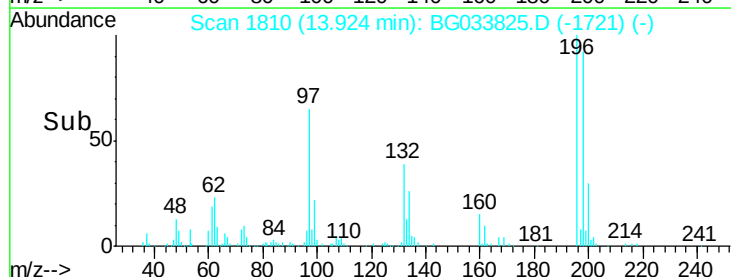
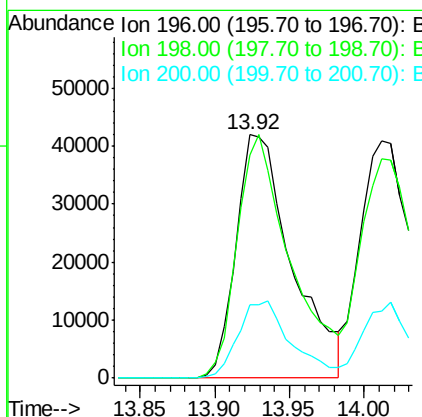
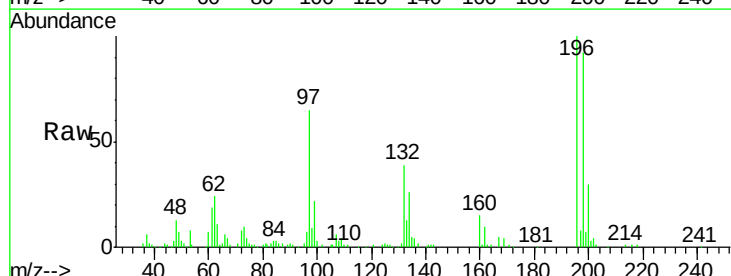
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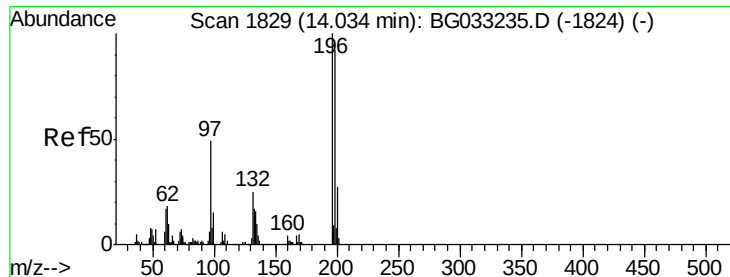
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#42
 2,4,6-Trichlorophenol
 Concen: 48.088 ng
 RT: 13.92 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: BG033825.D
 Acq: 16 Apr 2018 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	91.8	78.2	117.2	
200	30.3	24.6	36.8	





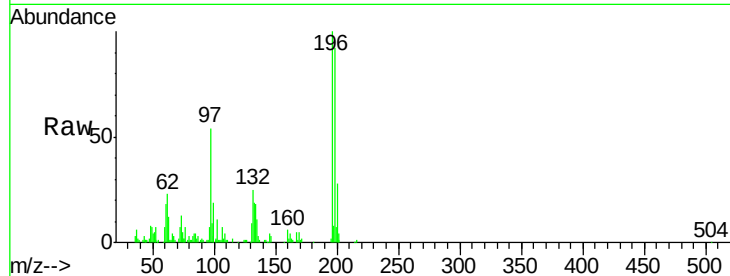
#43
 2,4,5-Trichlorophenol
 Concen: 48.868 ng
 RT: 14.01 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BG033825.D
 Acq: 16 Apr 2018 20:37

Instrument :
 BNA_G
 ClientSampleId :
 PB108262BSD

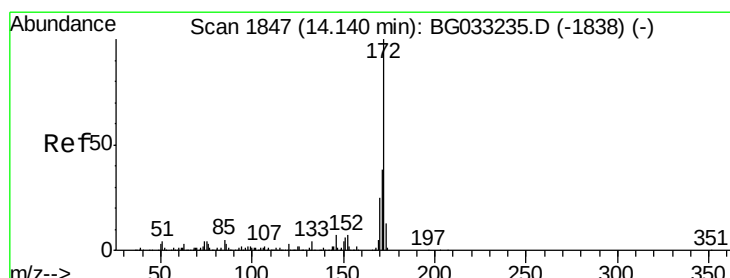
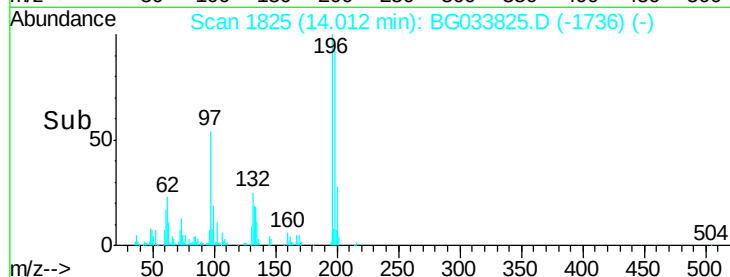
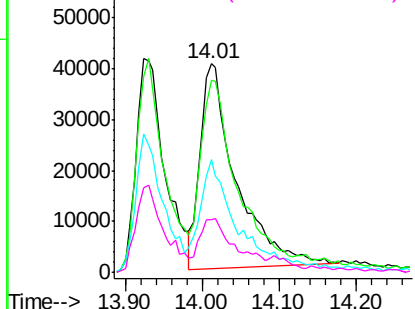
Tot Ion:	196	Resp:	130472
Ion Ratio	Lower	Upper	
196	100		
198	92.2	76.2	114.4
97	54.3	38.7	58.1
132	25.5	20.2	30.2

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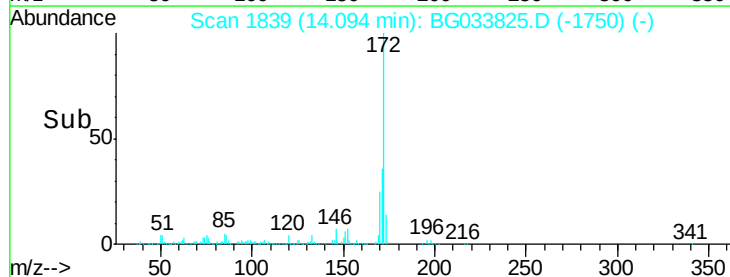
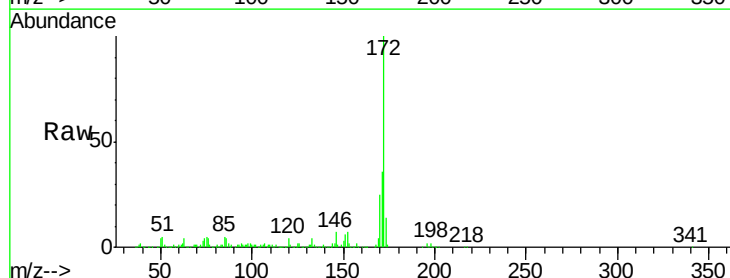
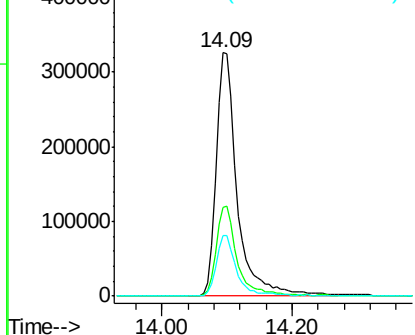
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

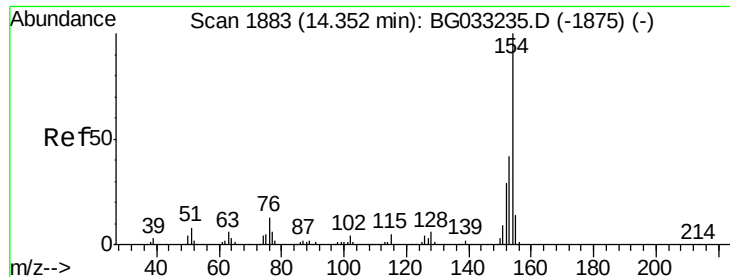


#44
 2-Fluorobiphenyl
 Concen: 98.225 ng
 RT: 14.09 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BG033825.D
 Acq: 16 Apr 2018 20:37

Tgt Ion:	172	Resp:	730262
Ion Ratio	Lower	Upper	
172	100		
171	36.2	30.0	45.0
170	24.9	19.5	29.3

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





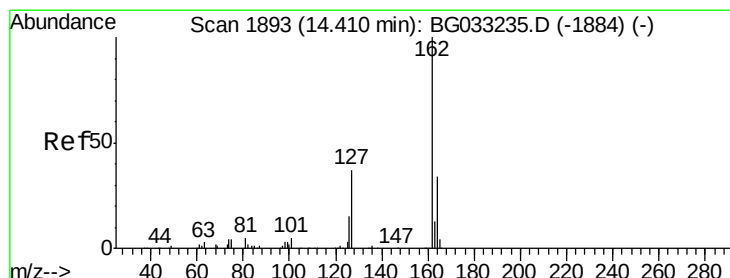
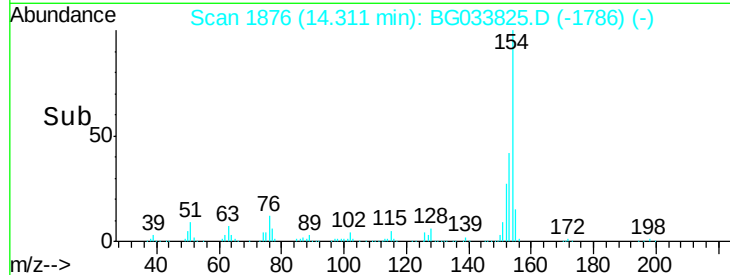
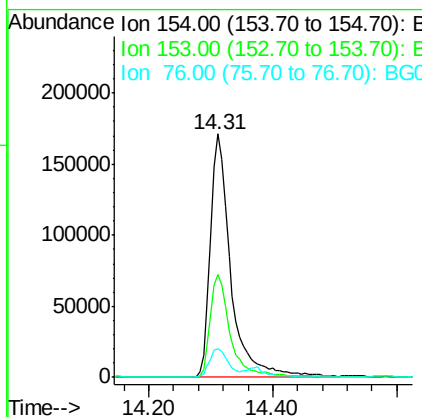
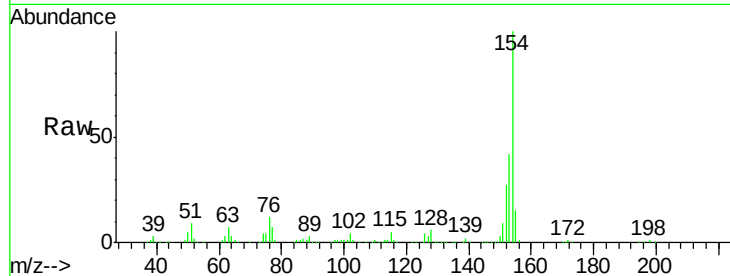
#45
 1,1'-Biphenyl
 Concen: 47.374 ng
 RT: 14.31 min Scan# 1876
 Delta R.T. 0.00 min
 Lab File: BG033825.D
 Acq: 16 Apr 2018 20:37

Instrument :
 BNA_G
 ClientSampleId :
 PB108262BSD

Tot Ion:	154	Resp:	390636
Ion Ratio	Lower	Upper	
154	100		
153	42.4	19.8	59.8
76	11.5	0.0	31.9

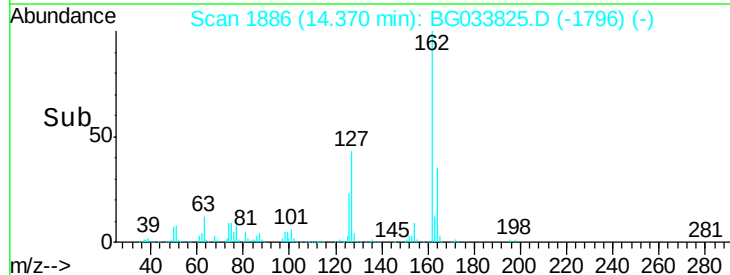
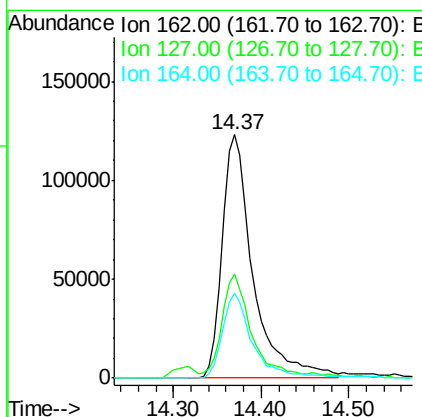
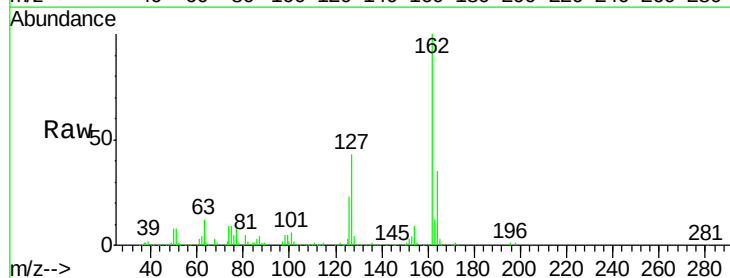
Manual Integrations
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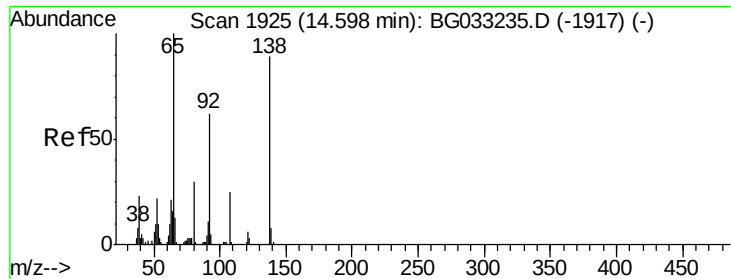
Sohil
 4/17/2018 5:20:50 PM



#46
 2-Chloronaphthalene
 Concen: 47.083 ng
 RT: 14.37 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: BG033825.D
 Acq: 16 Apr 2018 20:37

Tgt Ion:	162	Resp:	299348
Ion Ratio	Lower	Upper	
162	100		
127	43.0	30.7	46.1
164	35.0	26.0	39.0





#47

2-Nitroaniline

Concen: 50.471 ng

RT: 14.58 min Scan# 1921

Delta R.T. 0.00 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

Instrument :

BNA_G

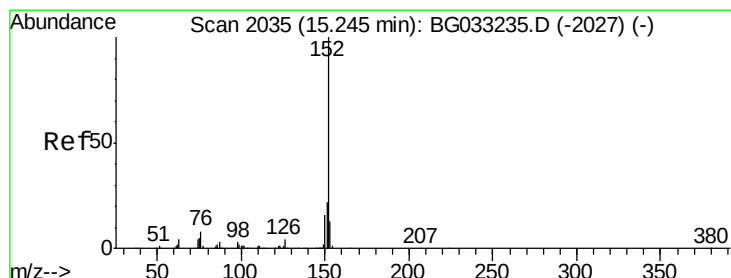
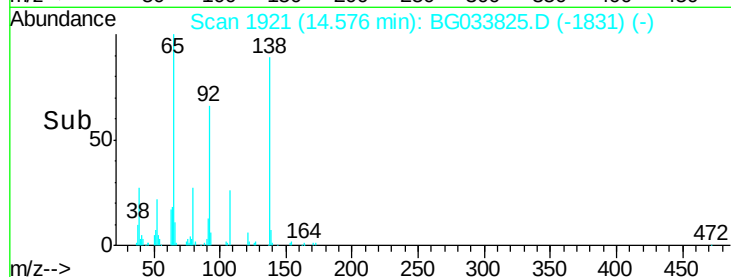
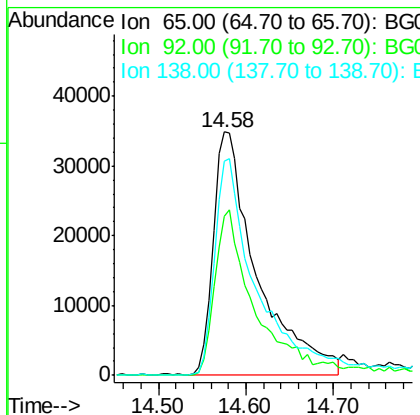
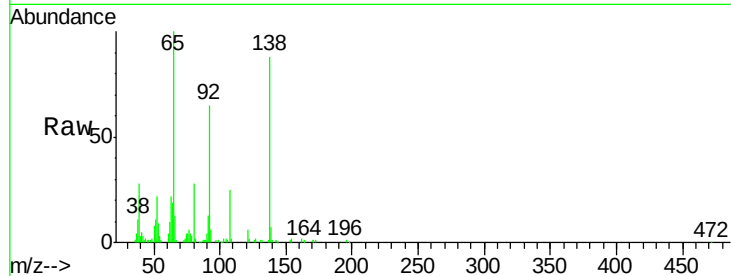
ClientSampleId :

PB108262BSD

Tot Ion:	65	Resp:	120191
Ion Ratio	Lower	Upper	
65	100		
92	65.3	54.6	82.0
138	88.2	72.9	109.3

Manual Integrations
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Sohil
4/17/2018 5:20:50 PM



#48

Acenaphthylene

Concen: 47.074 ng

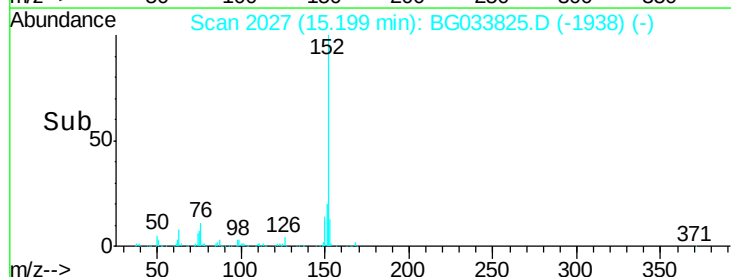
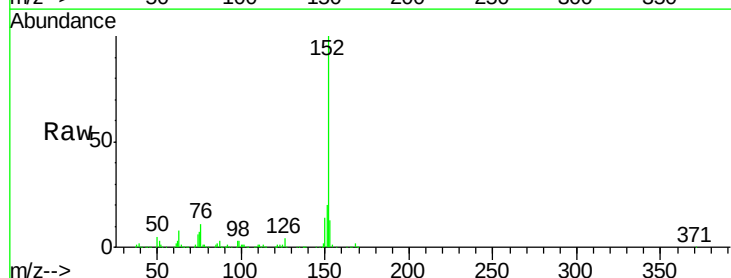
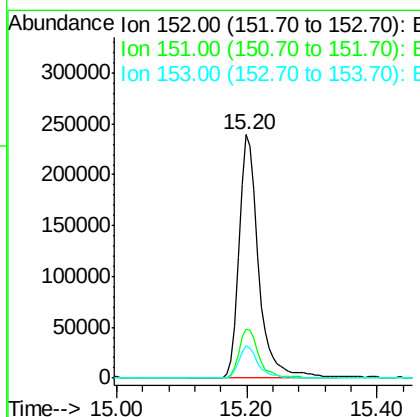
RT: 15.20 min Scan# 2027

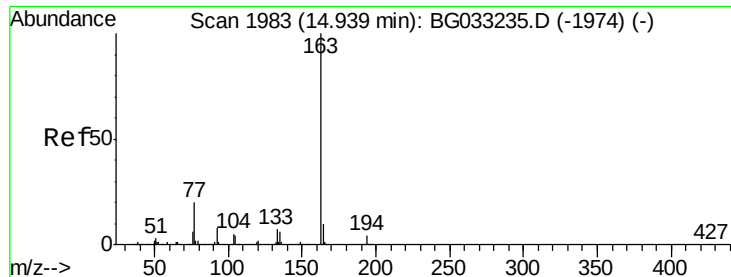
Delta R.T. -0.01 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

Tgt Ion:	152	Resp:	499570
Ion Ratio	Lower	Upper	
152	100		
151	20.4	17.2	25.8
153	13.4	10.2	15.4





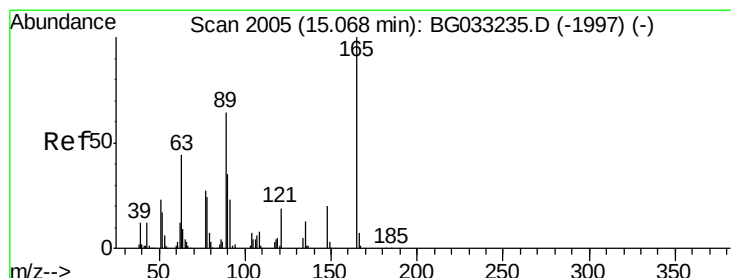
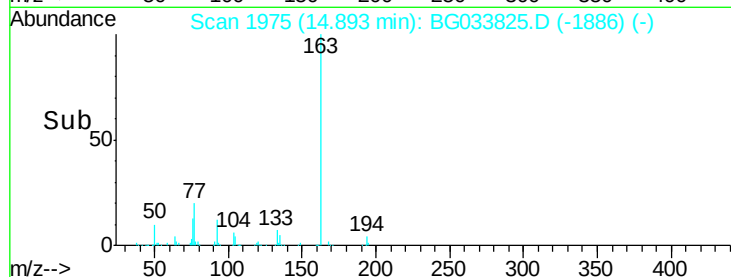
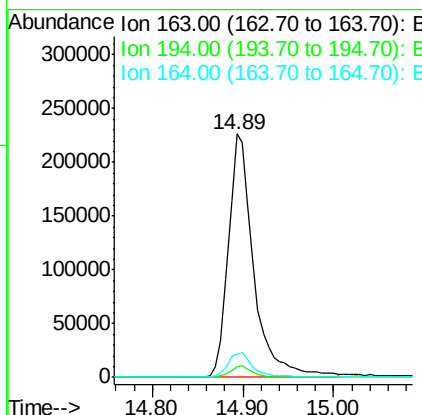
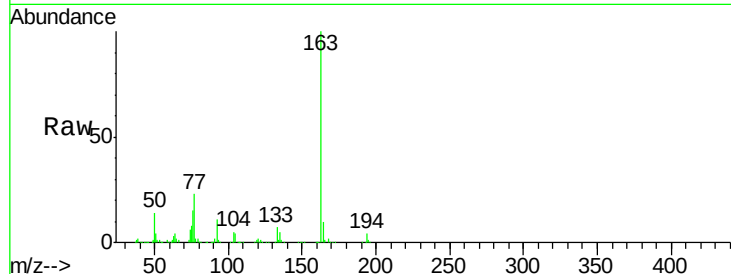
#49
Dimethylphthalate
Concen: 47.205 ng
RT: 14.89 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG033825.D
Acq: 16 Apr 2018 20:37

Instrument :
BNA_G
ClientSampleId :
PB108262BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	440912		
194	4.2		3.4	5.2
164	9.8		8.2	12.4

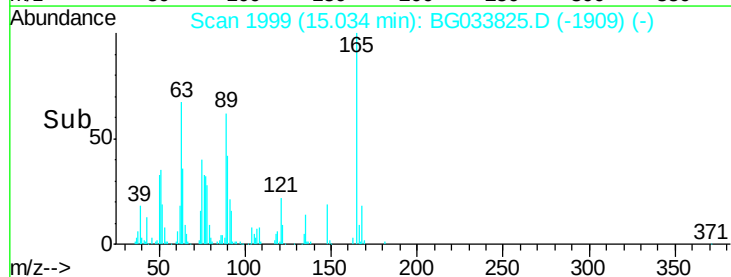
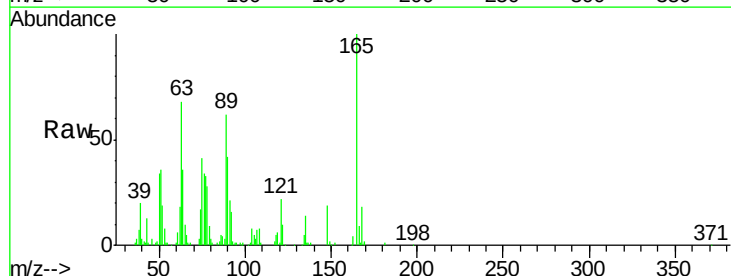
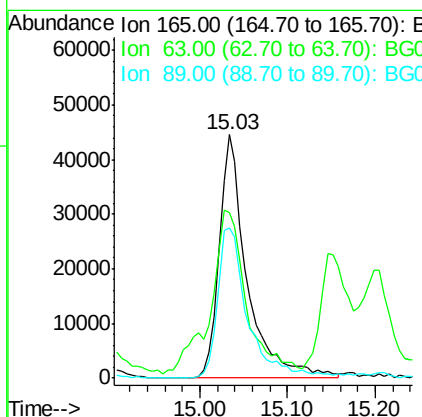
Manual Integrations
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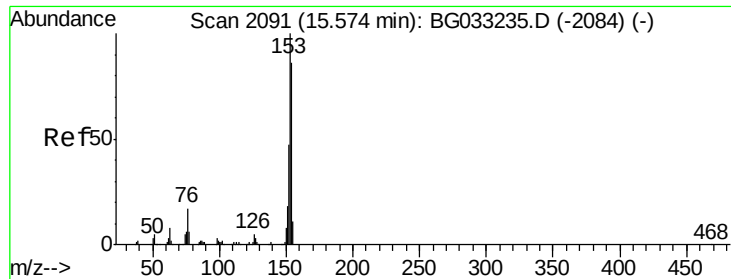
Sohil
4/17/2018 5:20:50 PM



#50
2,6-Dinitrotoluene
Concen: 50.916 ng
RT: 15.03 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BG033825.D
Acq: 16 Apr 2018 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	97243		
63	67.9		52.7	79.1
89	61.8		49.2	73.8





#51

Acenaphthene

Concen: 41.144 ng

RT: 15.53 min Scan# 2084

Delta R.T. -0.01 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

Instrument :

BNA_G

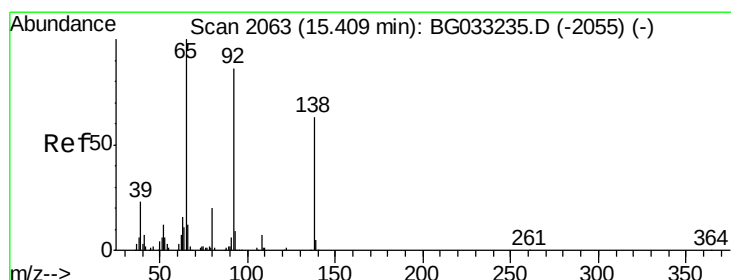
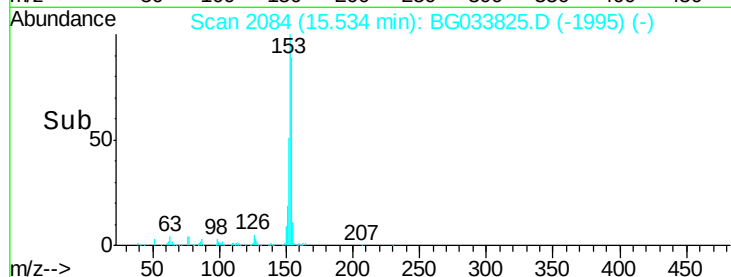
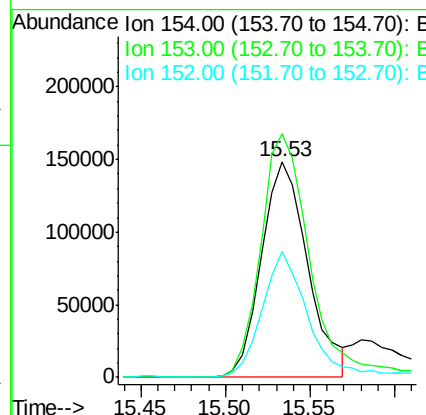
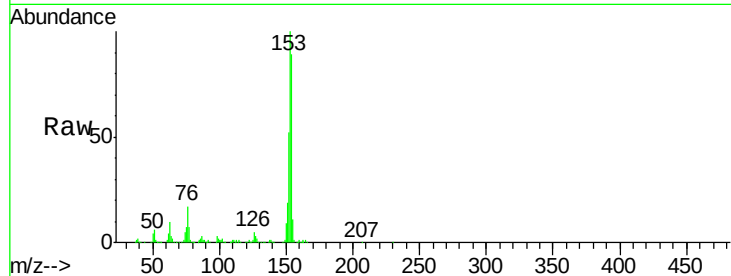
ClientSampleId :

PB108262BSD

Tot Ion:	154	Resp:	281474
Ion Ratio	Lower	Upper	
154	100		
153	112.8	90.4	135.6
152	58.1	41.6	62.4

Manual Integrations
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Sohil
4/17/2018 5:20:50 PM



#52

3-Nitroaniline

Concen: 23.520 ng

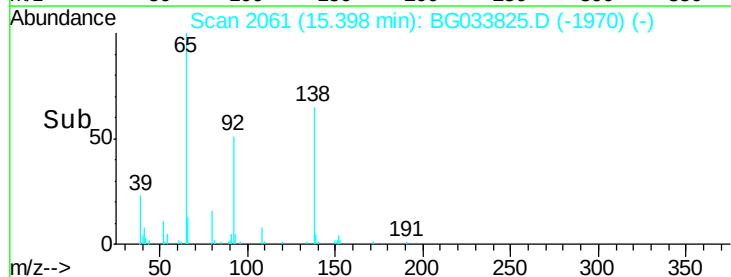
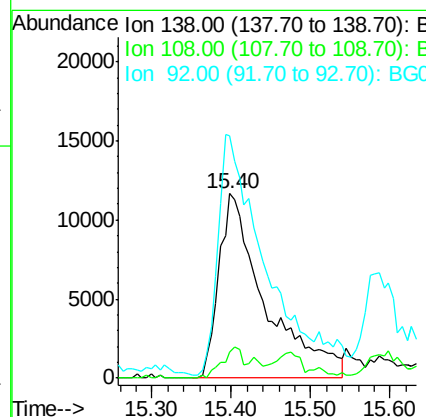
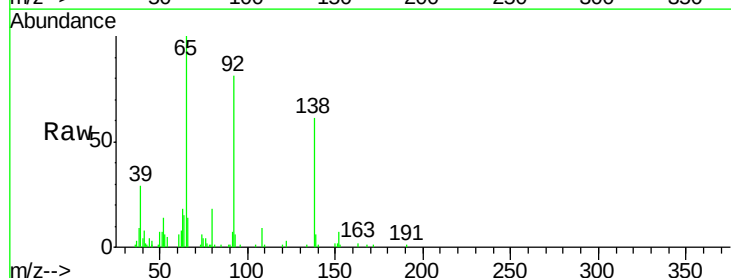
RT: 15.40 min Scan# 2061

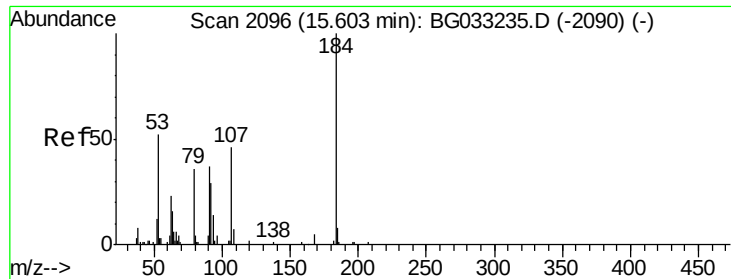
Delta R.T. 0.01 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

Tgt Ion:	138	Resp:	47095
Ion Ratio	Lower	Upper	
138	100		
108	14.1	17.5	26.3#
92	131.8	105.8	158.8





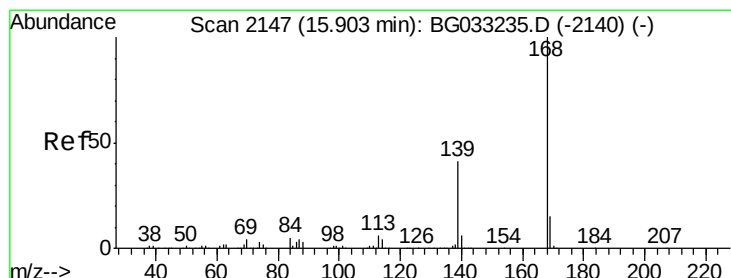
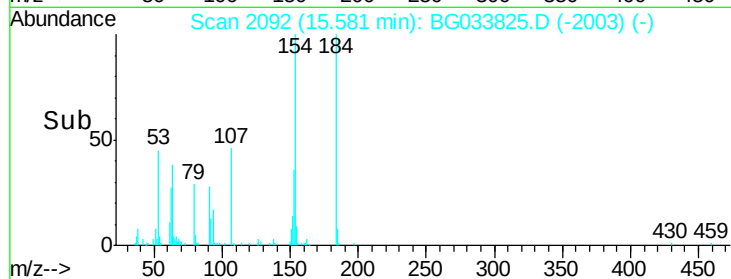
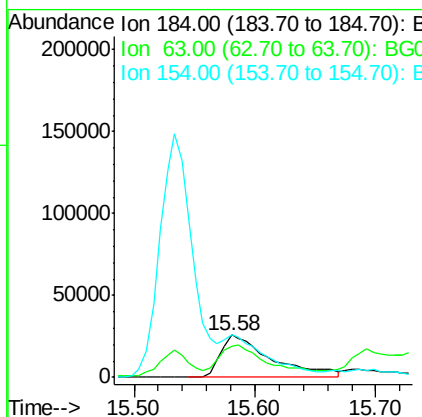
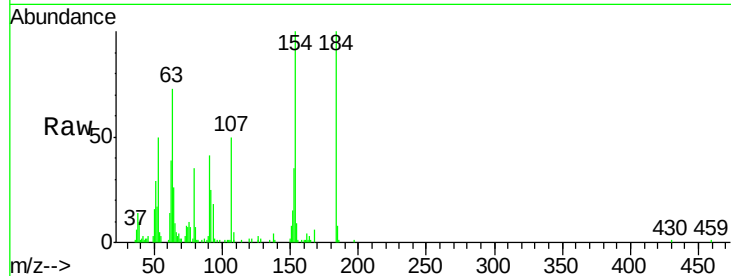
#53
2,4-Dinitrophenol
Concen: 76.255 ng
RT: 15.58 min Scan# 2092
Delta R.T. -0.01 min
Lab File: BG033825.D
Acq: 16 Apr 2018 20:37

Instrument :
BNA_G
ClientSampleId :
PB108262BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	73.6	59.8	89.8
154	100.5	101.8	152.8#

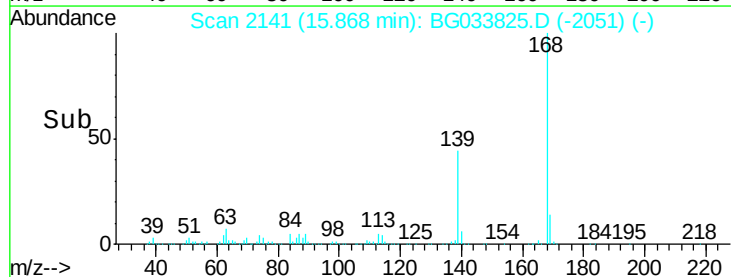
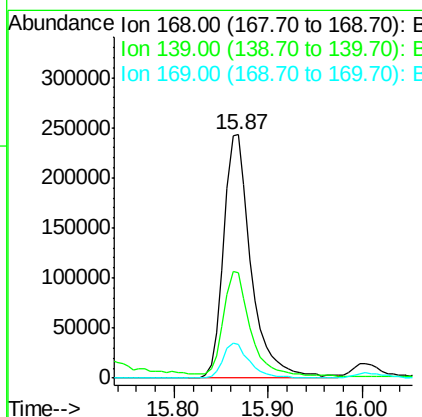
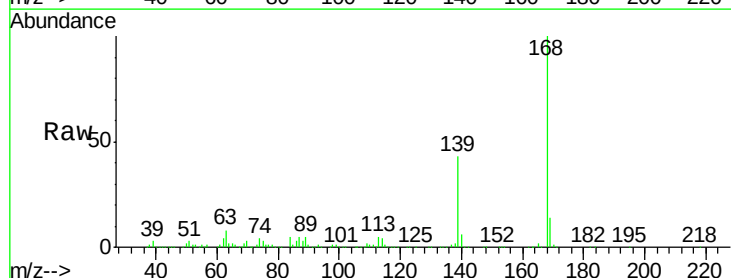
Manual Integrations
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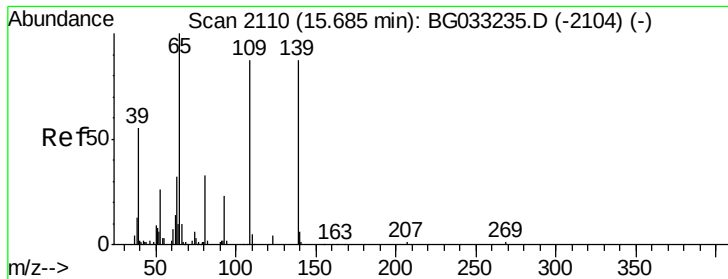
Sohil
4/17/2018 5:20:50 PM



#54
Dibenzofuran
Concen: 49.224 ng
RT: 15.87 min Scan# 2141
Delta R.T. 0.00 min
Lab File: BG033825.D
Acq: 16 Apr 2018 20:37

Tgt Ion	Ratio	Lower	Upper
168	100		
139	43.5	28.6	43.0#
169	13.8	11.2	16.8





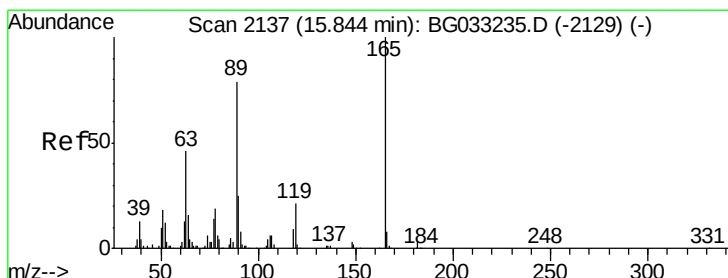
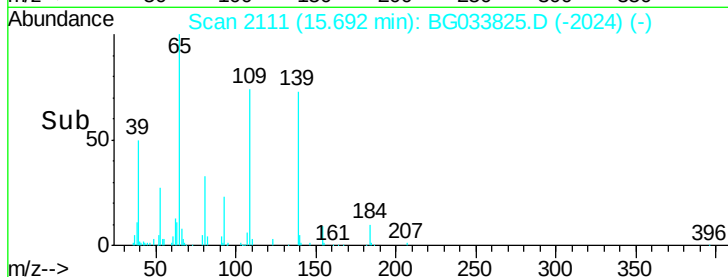
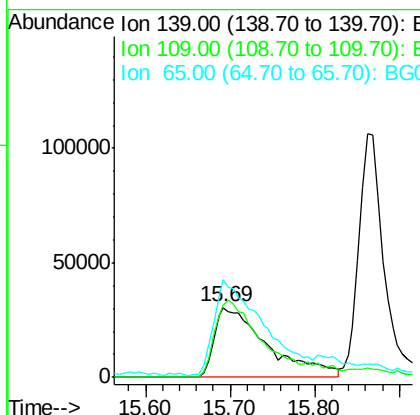
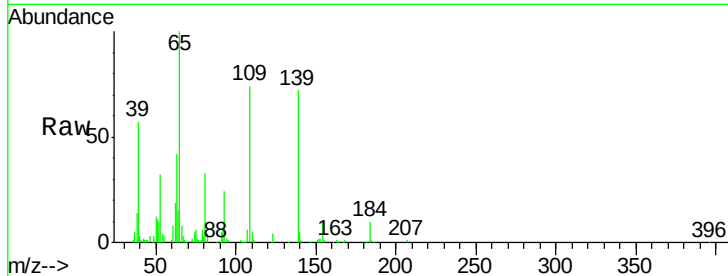
#55
4-Nitrophenol
Concen: 94.784 ng
RT: 15.69 min Scan# 2111
Delta R.T. -0.02 min
Lab File: BG033825.D
Acq: 16 Apr 2018 20:37

Instrument :
BNA_G
ClientSampleId :
PB108262BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	102.9	62.2	102.2#	
65	139.5	97.2	137.2#	

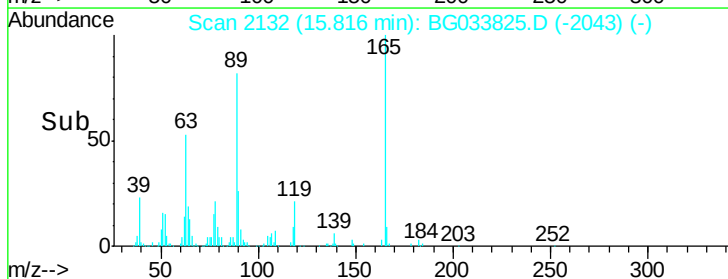
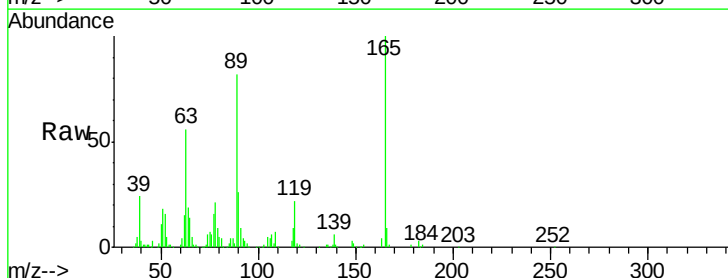
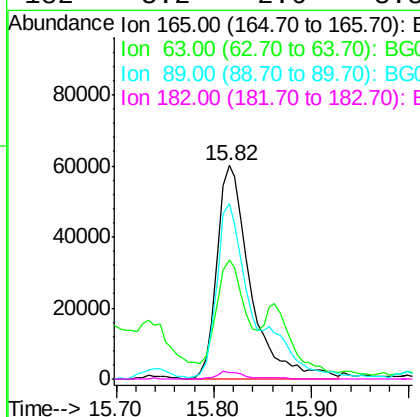
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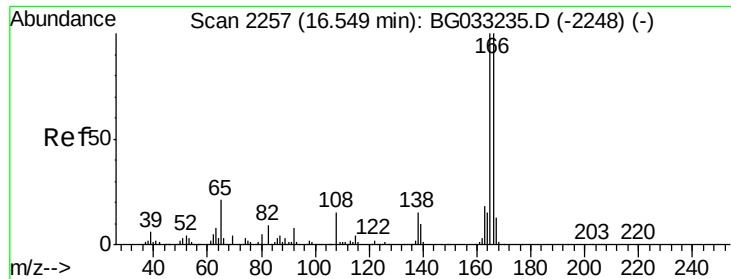
Sohil
4/17/2018 5:20:50 PM



#56
2,4-Dinitrotoluene
Concen: 50.485 ng
RT: 15.82 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BG033825.D
Acq: 16 Apr 2018 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	55.7	42.0	63.0	
89	82.2	66.9	100.3	
182	3.2	2.6	3.8	





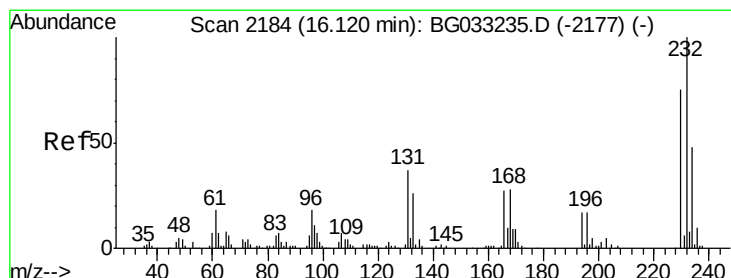
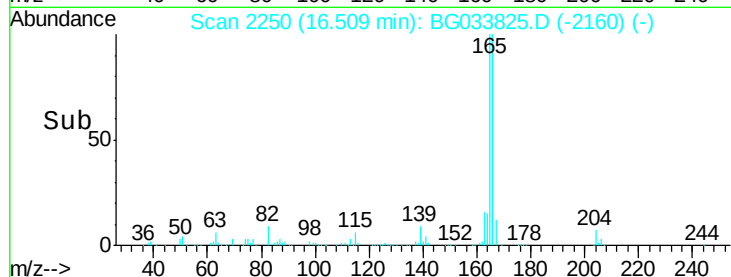
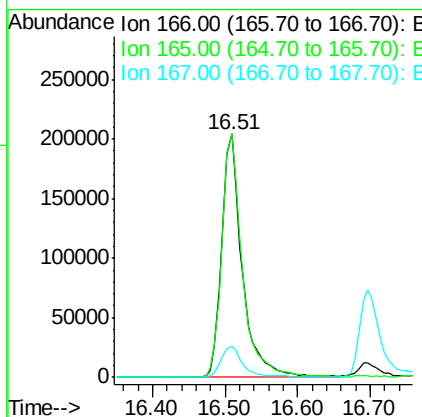
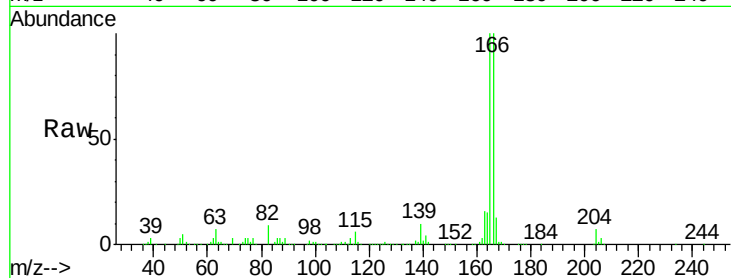
#57
 Fluorene
 Concen: 46.743 ng
 RT: 16.51 min Scan# 2250
 Delta R.T. 0.00 min
 Lab File: BG033825.D
 Acq: 16 Apr 2018 20:37

Instrument :
 BNA_G
 ClientSampleId :
 PB108262BSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.1	80.6	121.0
167	12.7	10.4	15.6

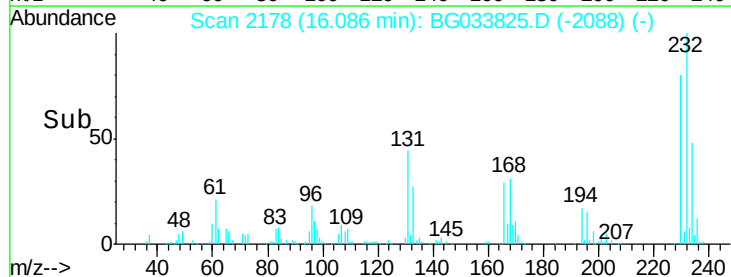
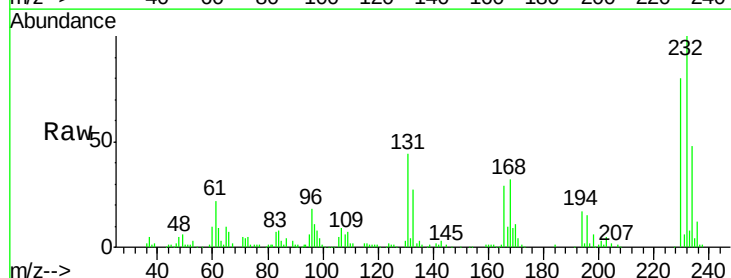
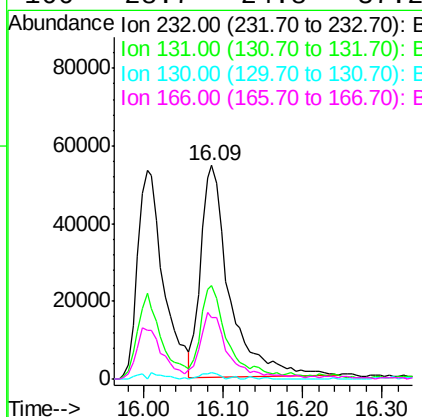
Manual Integrations
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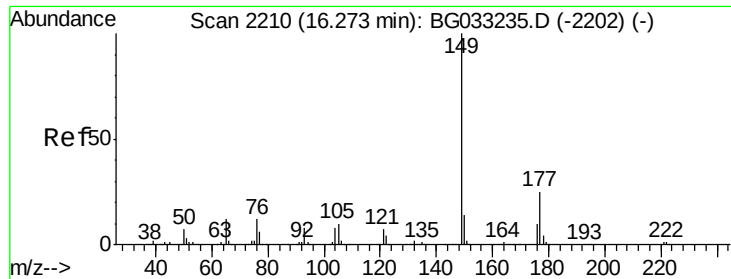
Sohil
 4/17/2018 5:20:50 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 54.737 ng
 RT: 16.09 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: BG033825.D
 Acq: 16 Apr 2018 20:37

Tgt Ion	Ratio	Lower	Upper
232	100		
131	41.6	33.5	50.3
130	1.9	2.2	3.2#
166	28.7	24.8	37.2





#59

Diethylphthalate

Concen: 50.682 ng

RT: 16.23 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

Instrument :

BNA_G

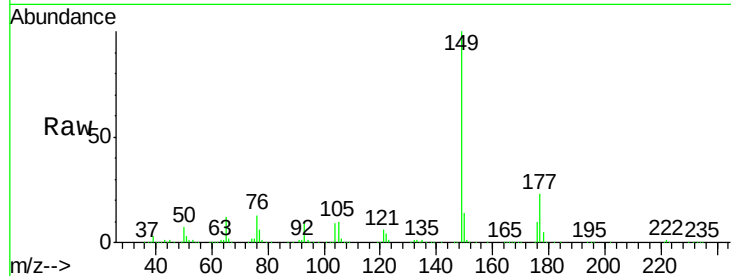
ClientSampleId :

PB108262BSD

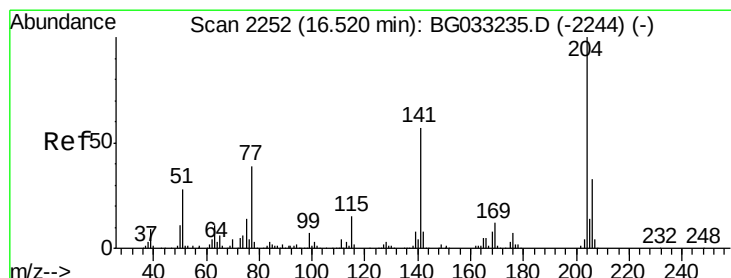
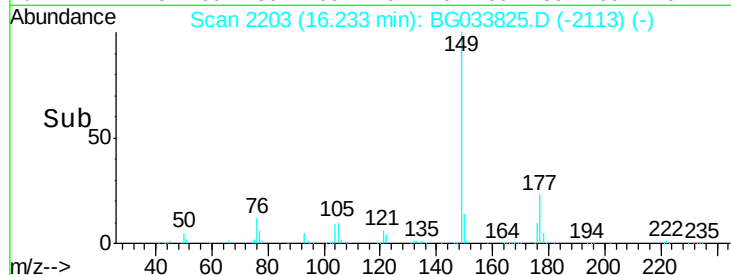
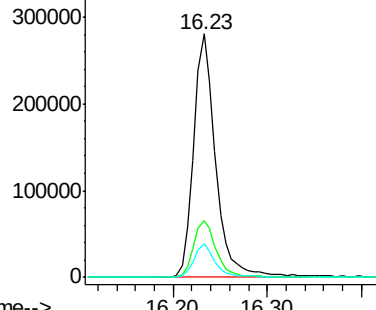
Tot Ion:	149	Resp:	459676
Ion Ratio	Lower	Upper	
149	100		
177	23.4	18.5	27.7
150	13.7	10.2	15.2

Manual Integrations
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4/17/2018 5:20:50 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 48.917 ng

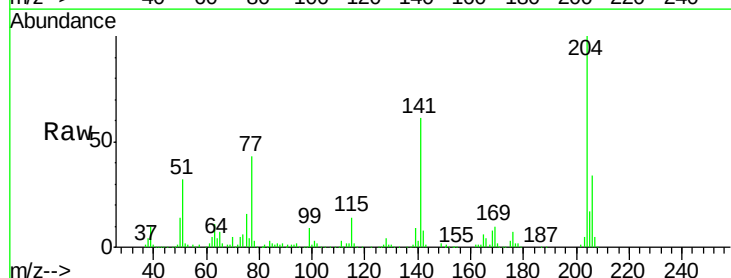
RT: 16.48 min Scan# 2245

Delta R.T. -0.01 min

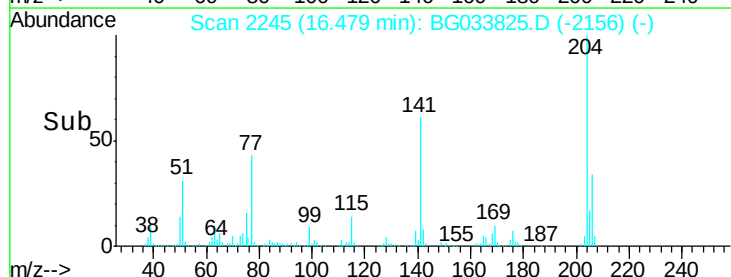
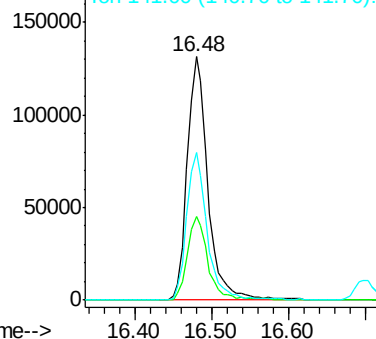
Lab File: BG033825.D

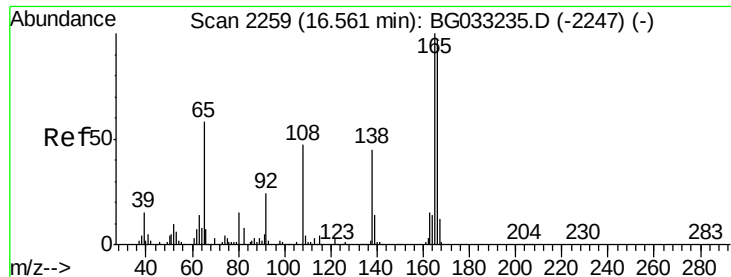
Acq: 16 Apr 2018 20:37

Tgt Ion:	204	Resp:	242086
Ion Ratio	Lower	Upper	
204	100		
206	34.4	26.2	39.2
141	60.7	45.8	68.6



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 34.193 ng

RT: 16.56 min Scan# 2258

Delta R.T. 0.00 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

Instrument :

BNA_G

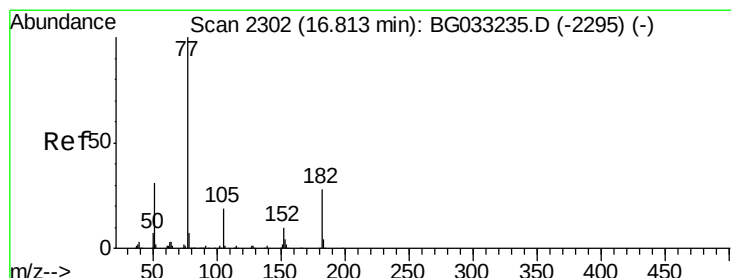
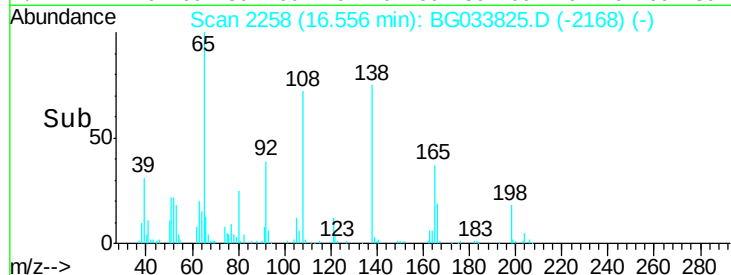
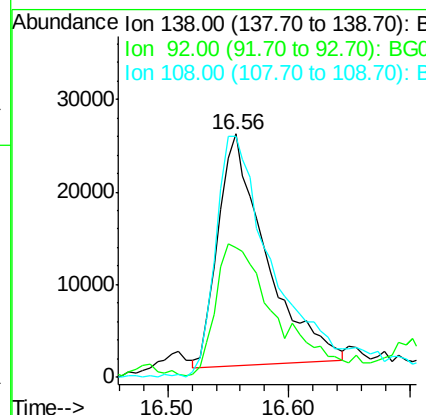
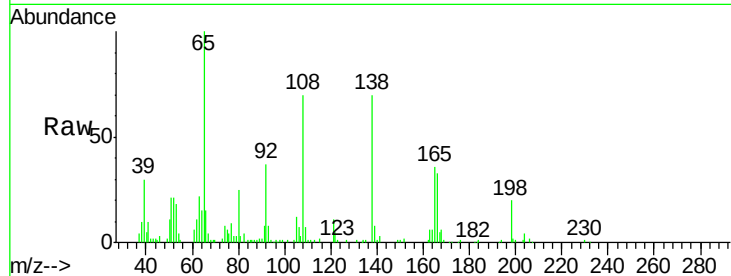
ClientSampleId :

PB108262BSD

Tot Ion:	138	Resp:	69332
Ion Ratio	Lower	Upper	
138	100		
92	53.0	40.1	80.1
108	99.1	65.4	105.4

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#62

Azobenzene

Concen: 52.844 ng

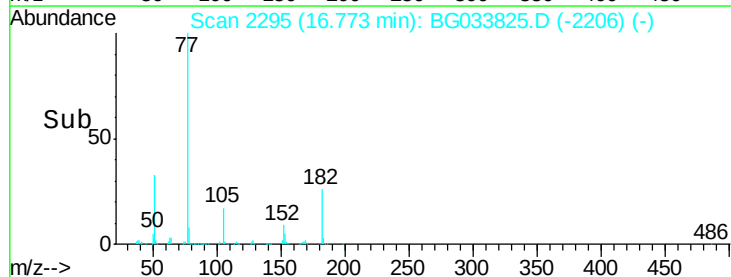
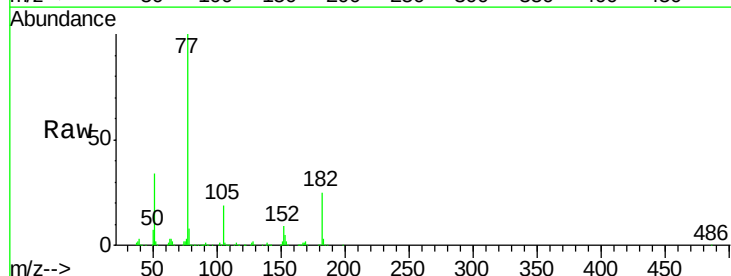
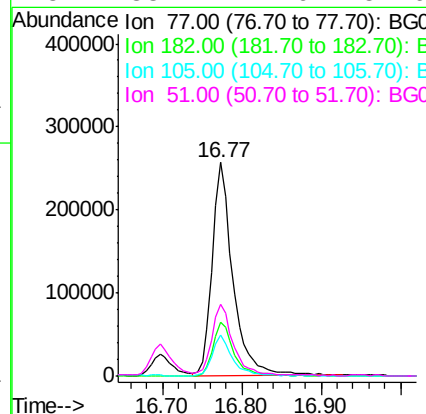
RT: 16.77 min Scan# 2295

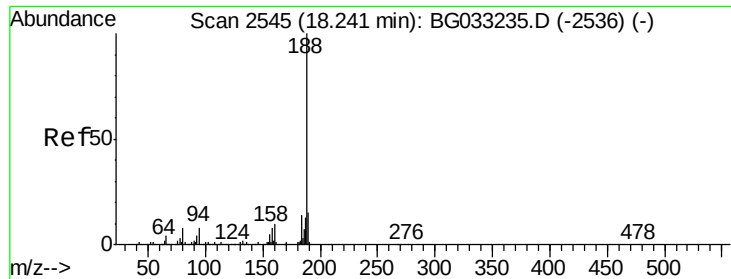
Delta R.T. -0.01 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

Tgt Ion:	77	Resp:	464282
Ion Ratio	Lower	Upper	
77	100		
182	25.4	7.4	47.4
105	19.0	0.3	40.3
51	33.7	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.20 min Scan# 2538

Delta R.T. -0.01 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

Instrument :

BNA_G

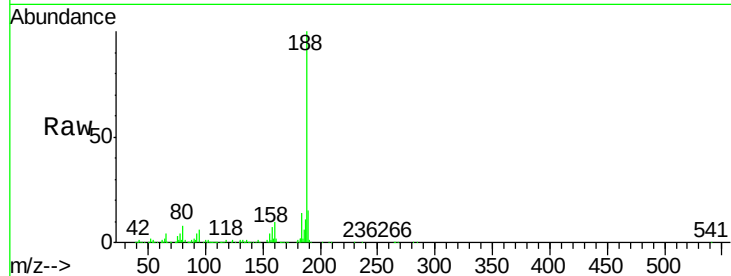
ClientSampleId :

PB108262BSD

Tot Ion:	188	Resp:	294018
Ion Ratio	Lower	Upper	
188	100		
94	6.3	6.9	10.3#
80	8.4	7.7	11.5

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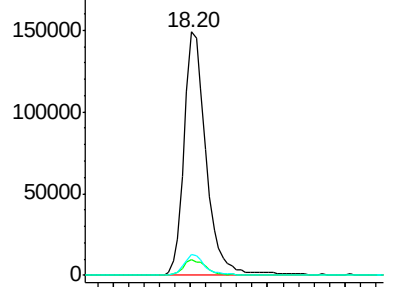
Sohil
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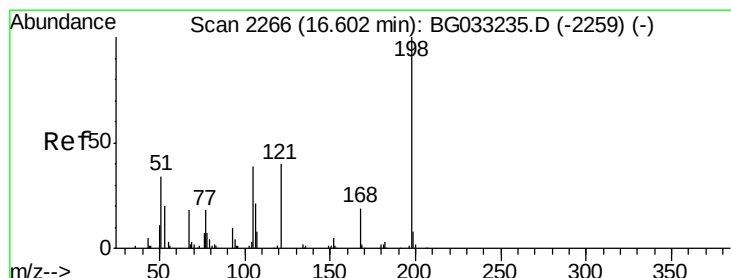
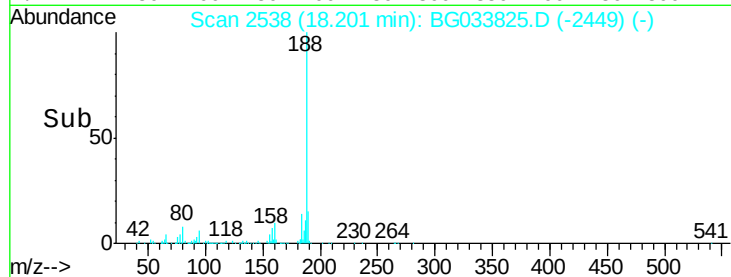
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 48.283 ng

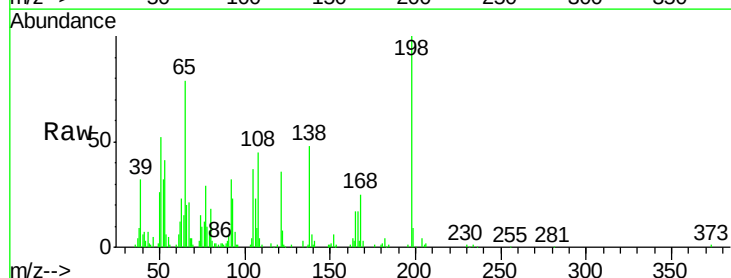
RT: 16.57 min Scan# 2261

Delta R.T. 0.00 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

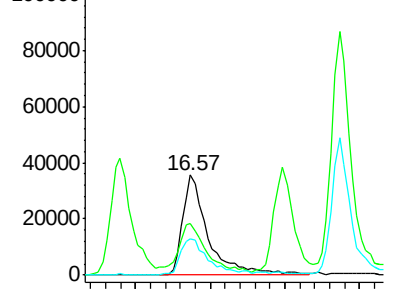
Tgt Ion:	198	Resp:	84924
Ion Ratio	Lower	Upper	
198	100		
51	51.9	30.6	70.6
105	36.6	23.8	63.8



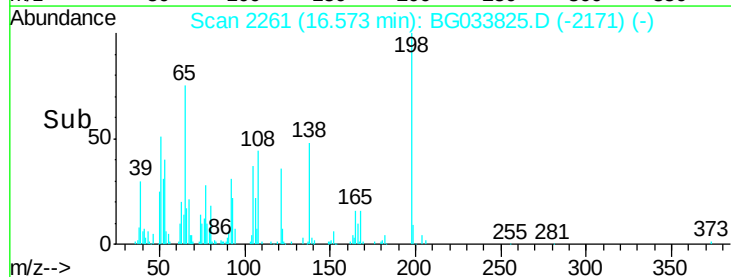
Abundance Ion 198.00 (197.70 to 198.70): E

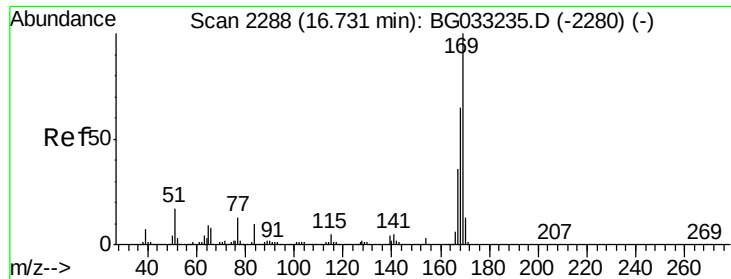
Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E



Time-->





#65

n-Nitrosodiphenylamine

Concen: 48.672 ng

RT: 16.70 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

Instrument :

BNA_G

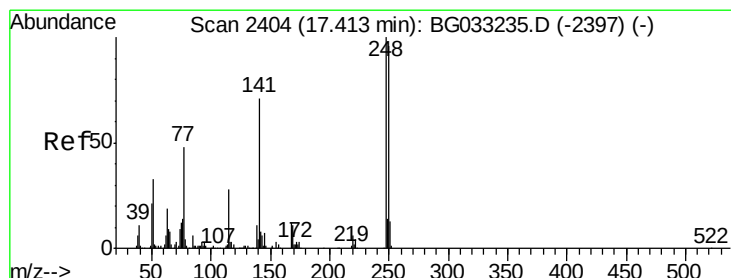
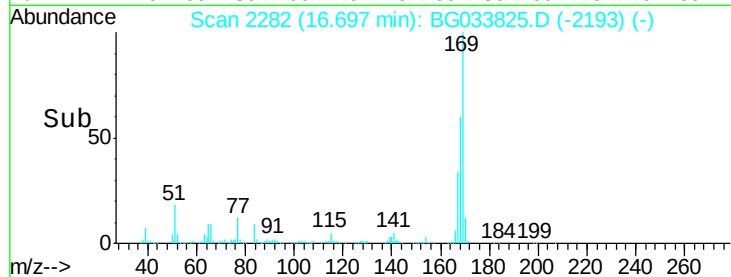
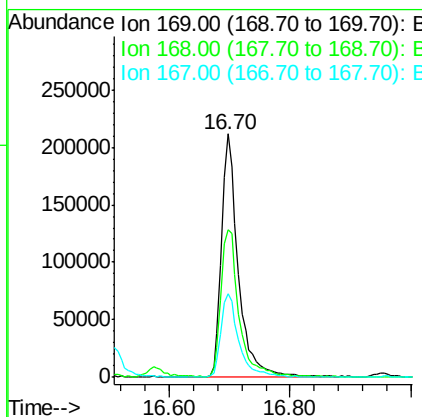
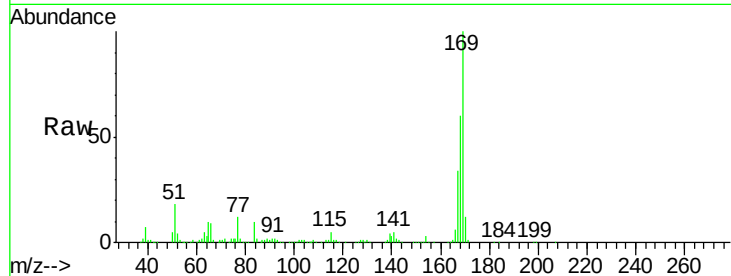
ClientSampleId :

PB108262BSD

Tot Ion:	169	Resp:	408542
Ion Ratio	Lower	Upper	
169	100		
168	60.4	55.7	83.5
167	34.5	30.1	45.1

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 46.986 ng

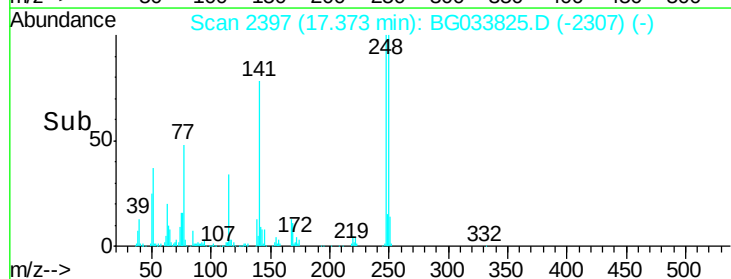
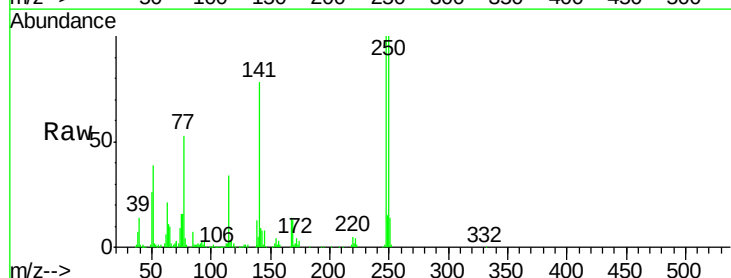
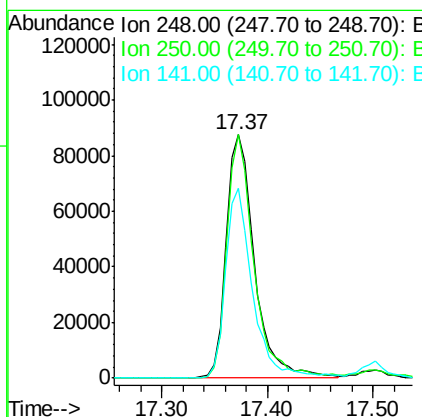
RT: 17.37 min Scan# 2397

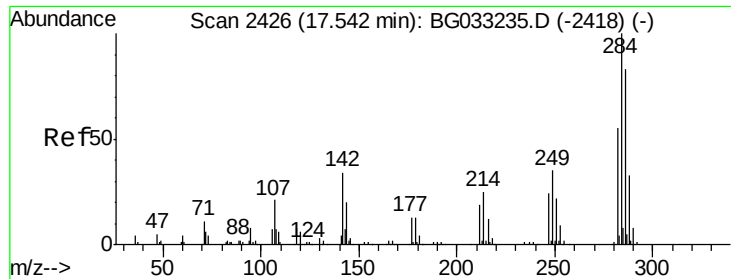
Delta R.T. 0.00 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

Tgt Ion:	248	Resp:	162242
Ion Ratio	Lower	Upper	
248	100		
250	99.9	77.1	115.7
141	77.9	50.8	76.2#





#67

Hexachlorobenzene

Concen: 45.881 ng

RT: 17.50 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

Instrument :

BNA_G

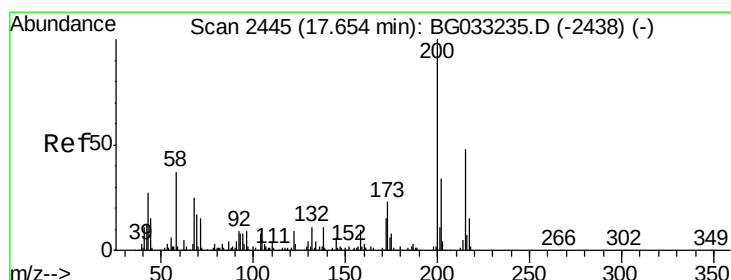
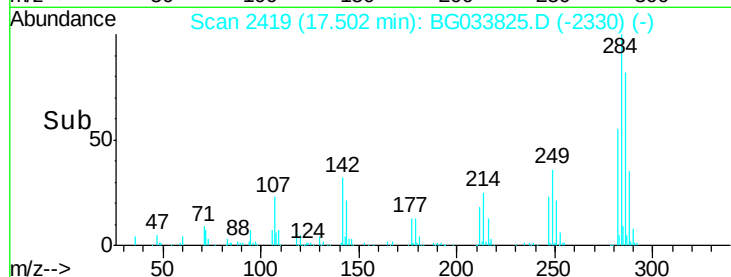
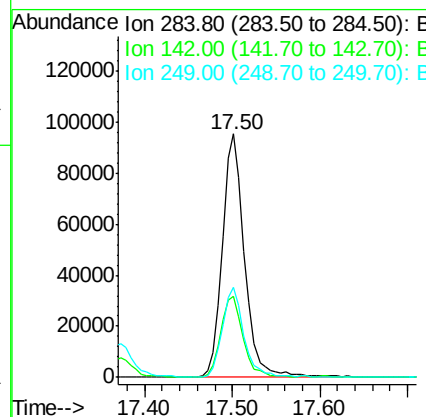
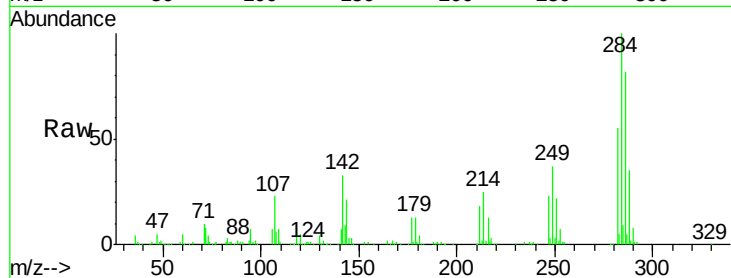
ClientSampleId :

PB108262BSD

Tot Ion:	284	Resp:	167199
Ion Ratio		Lower	Upper
284	100		
142	33.4	26.8	40.2
249	36.9	26.3	39.5

Manual Integrations
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4/17/2018 5:20:50 PM



#68

Atrazine

Concen: 53.317 ng

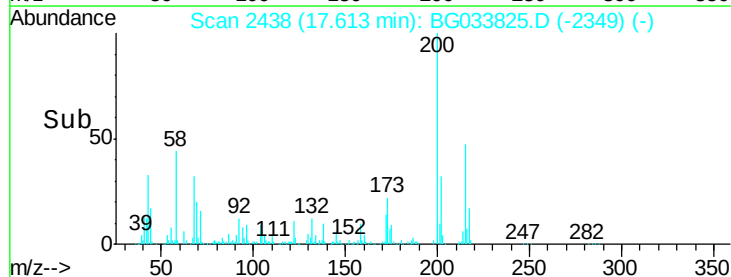
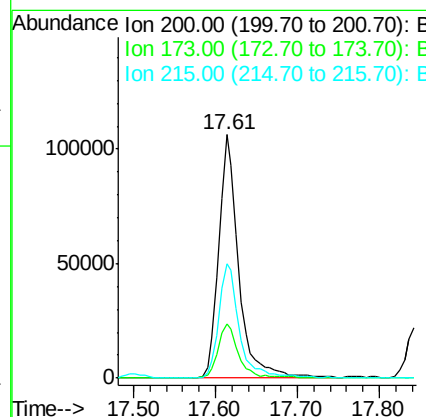
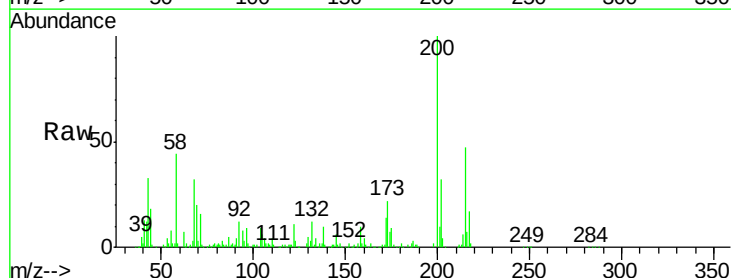
RT: 17.61 min Scan# 2438

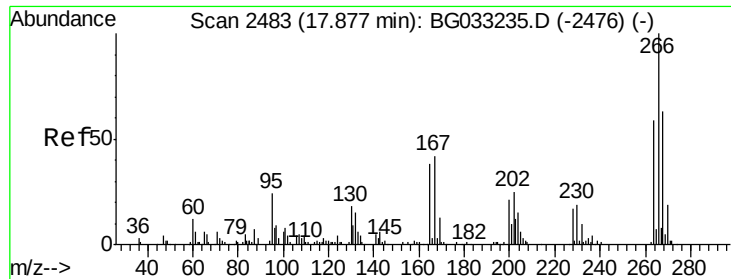
Delta R.T. -0.01 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

Tgt Ion:	200	Resp:	181350
Ion Ratio		Lower	Upper
200	100		
173	22.2	5.2	45.2
215	46.7	30.4	70.4





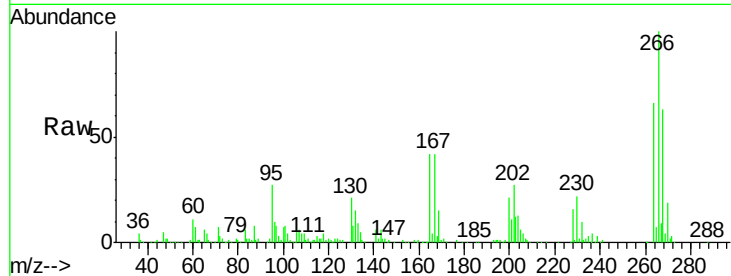
#69
 Pentachlorophenol
 Concen: 82.069 ng
 RT: 17.84 min Scan# 2477
 Delta R.T. -0.01 min
 Lab File: BG033825.D
 Acq: 16 Apr 2018 20:37

Instrument :
 BNA_G
 ClientSampleId :
 PB108262BSD

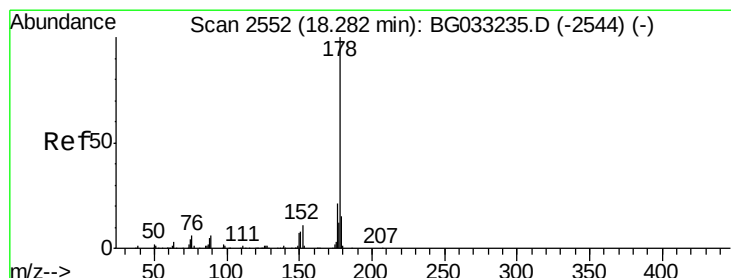
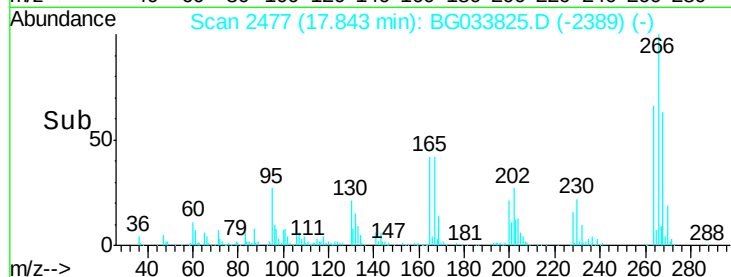
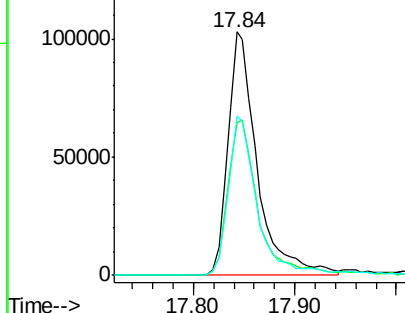
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.0	51.1	76.7
264	65.5	49.6	74.4

Manual Integrations
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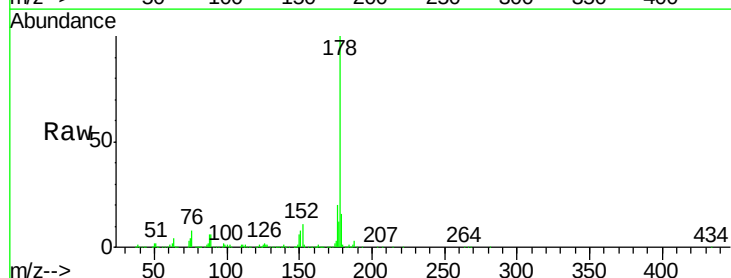


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

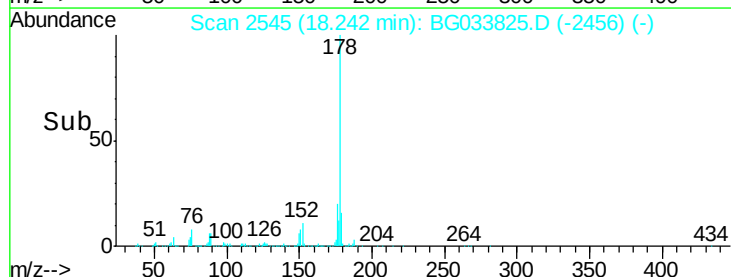
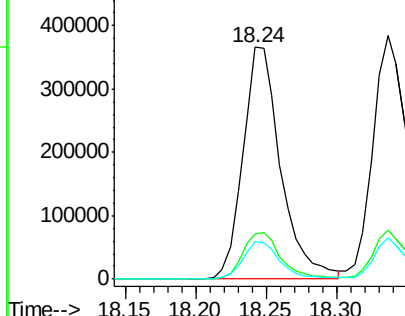


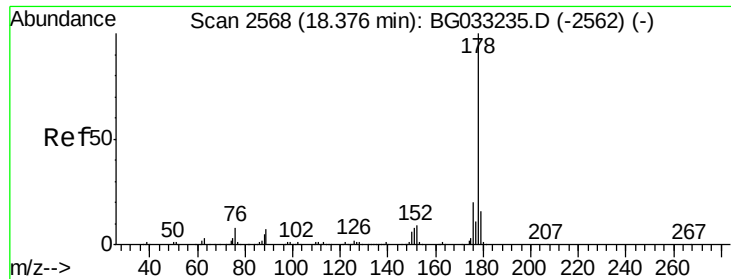
#70
 Phenanthrene
 Concen: 44.898 ng
 RT: 18.24 min Scan# 2545
 Delta R.T. -0.01 min
 Lab File: BG033825.D
 Acq: 16 Apr 2018 20:37

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.7	23.5
179	16.1	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





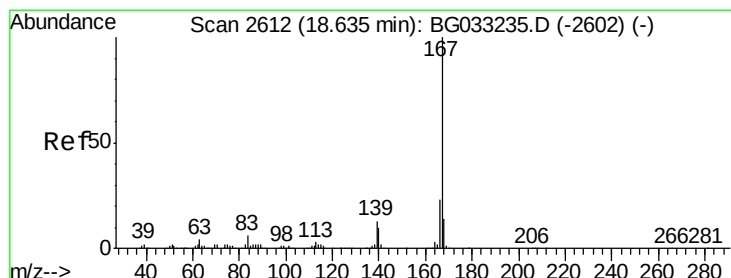
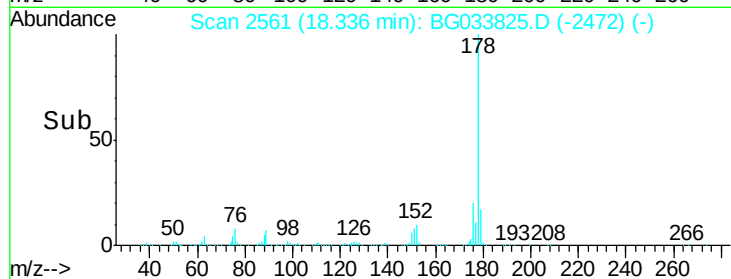
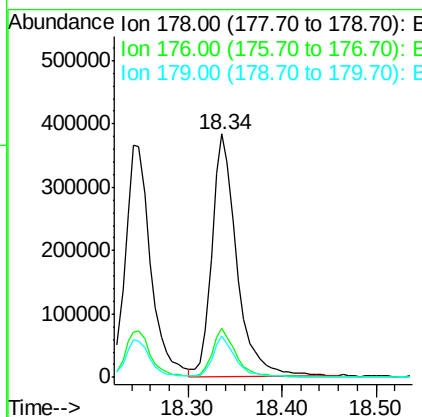
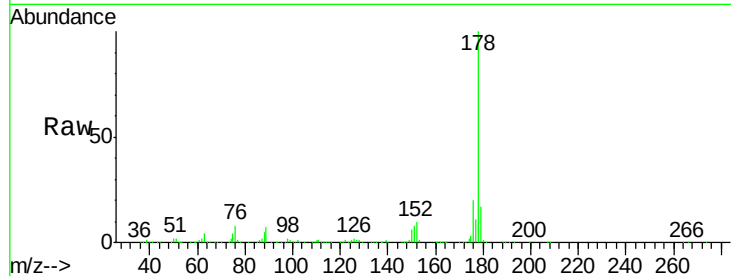
#71
 Anthracene
 Concen: 45.478 ng
 RT: 18.34 min Scan# 2561
 Delta R.T. -0.01 min
 Lab File: BG033825.D
 Acq: 16 Apr 2018 20:37

Instrument :
 BNA_G
 ClientSampleId :
 PB108262BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.0	24.0
179	16.8	12.5	18.7

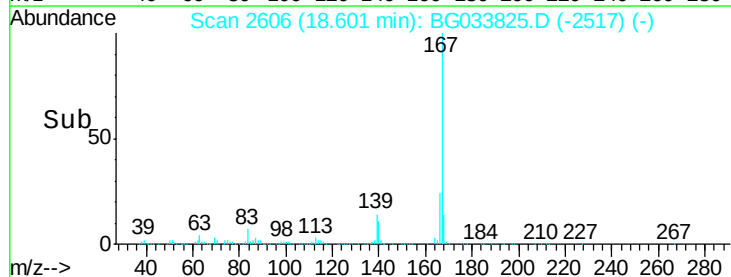
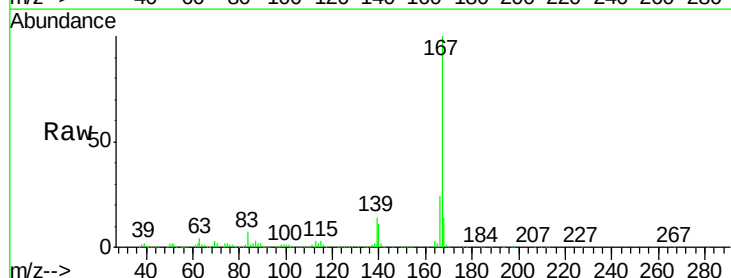
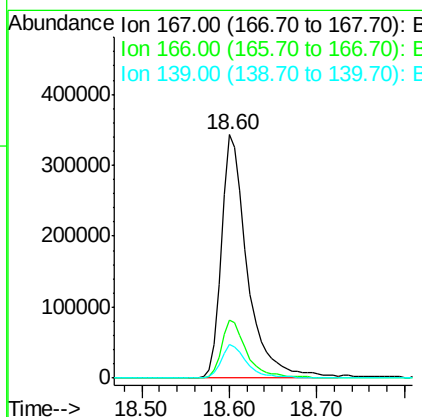
Manual Integrations
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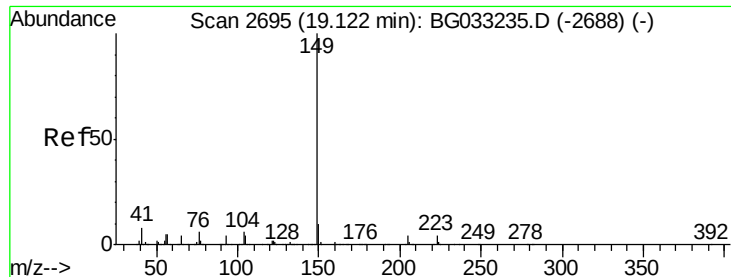
Sohil
 4/17/2018 5:20:50 PM



#72
 Carbazole
 Concen: 51.095 ng
 RT: 18.60 min Scan# 2606
 Delta R.T. -0.01 min
 Lab File: BG033825.D
 Acq: 16 Apr 2018 20:37

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.7	18.2	27.4
139	13.6	9.4	14.2





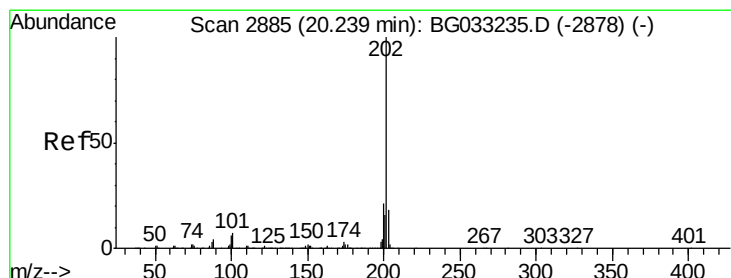
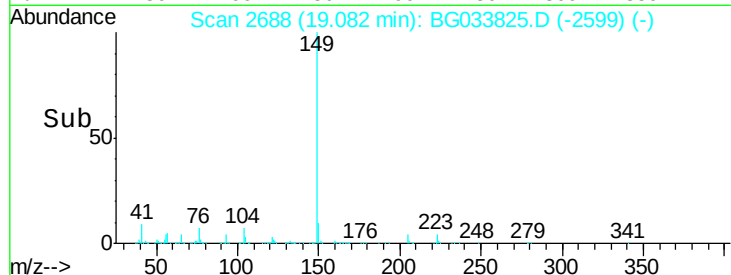
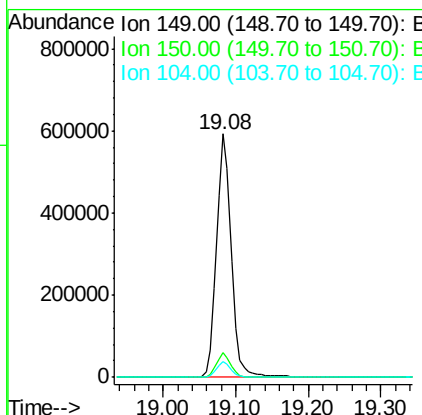
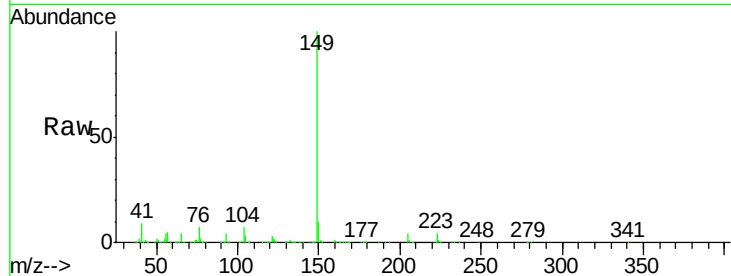
#73
Di-n-butylphthalate
Concen: 52.554 ng
RT: 19.08 min Scan# 2688
Delta R.T. -0.01 min
Lab File: BG033825.D
Acq: 16 Apr 2018 20:37

Instrument :
BNA_G
ClientSampleId :
PB108262BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	10.0	7.8	11.6	
104	6.7	3.9	5.9	

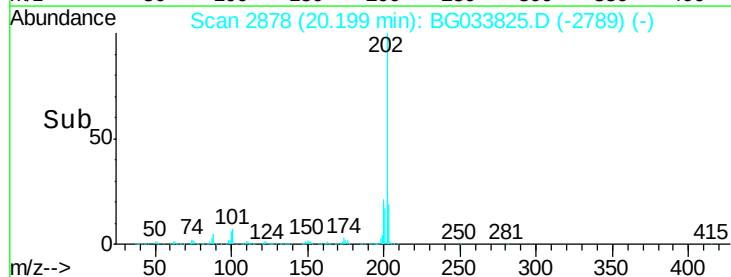
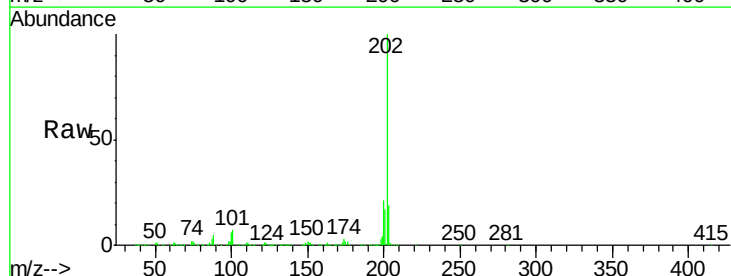
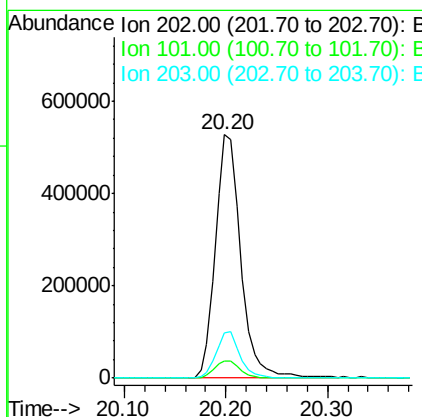
Manual Integrations
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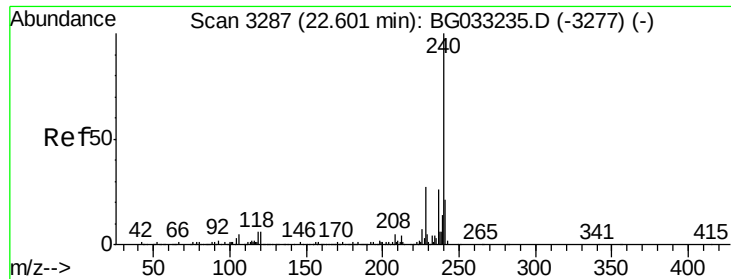
Sohil
4/17/2018 5:20:50 PM



#74
Fluoranthene
Concen: 48.241 ng
RT: 20.20 min Scan# 2878
Delta R.T. -0.01 min
Lab File: BG033825.D
Acq: 16 Apr 2018 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	7.2	0.0	28.9	
203	18.6	0.0	37.5	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3278

Delta R.T. -0.01 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

Instrument :

BNA_G

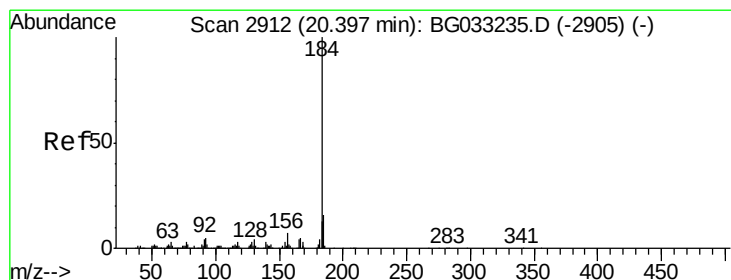
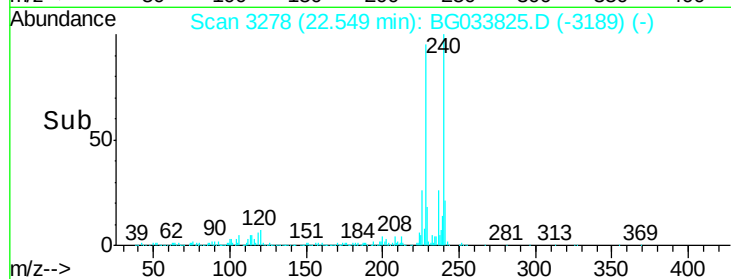
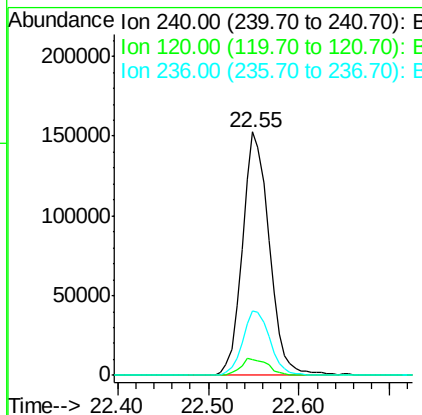
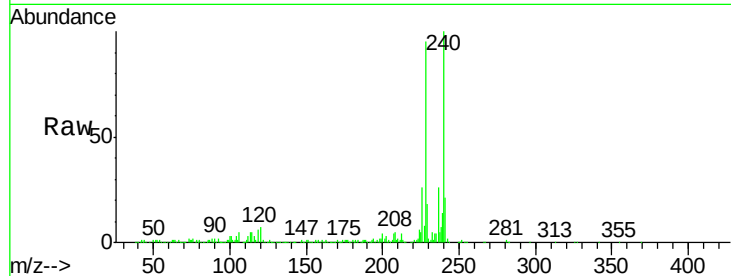
ClientSampleId :

PB108262BSD

Tot Ion:	240	Resp:	312755
Ion Ratio	Lower	Upper	
240	100		
120	6.7	6.8	10.2#
236	26.4	20.9	31.3

Manual Integrations
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#76

Benzidine

Concen: 35.498 ng

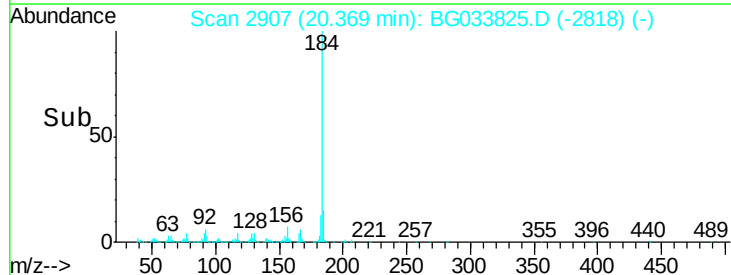
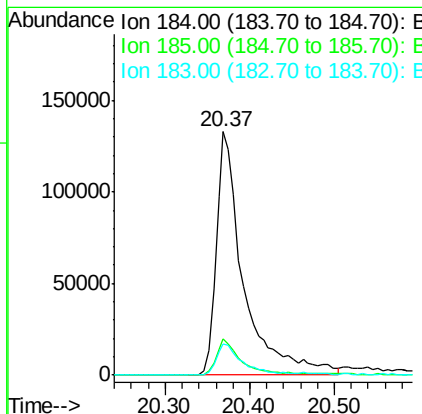
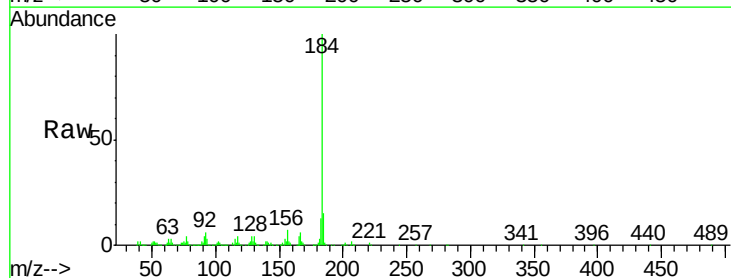
RT: 20.37 min Scan# 2907

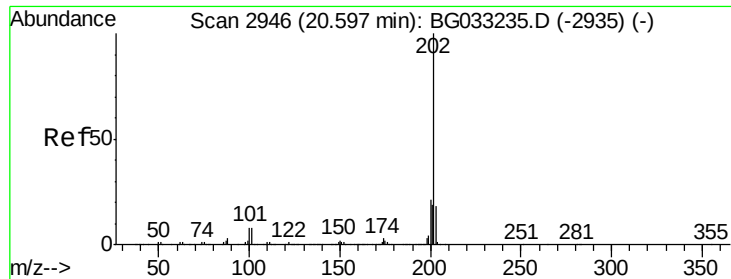
Delta R.T. -0.01 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

Tgt Ion:	184	Resp:	301072
Ion Ratio	Lower	Upper	
184	100		
185	15.1	11.1	16.7
183	12.8	10.6	16.0





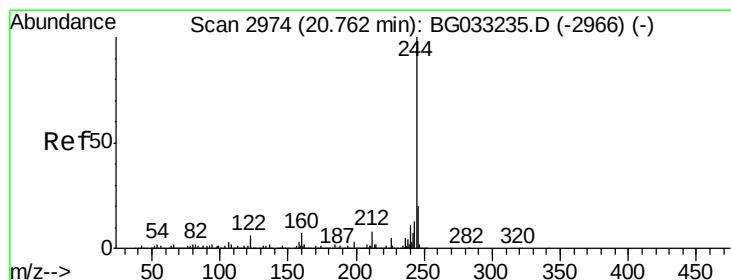
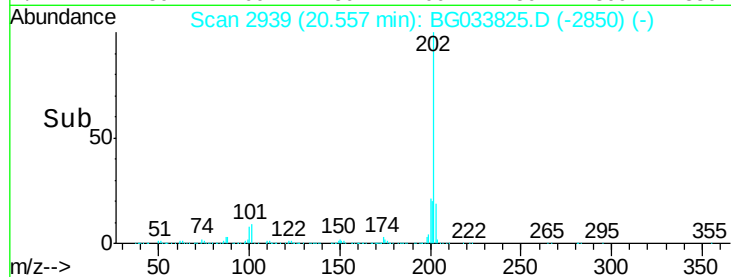
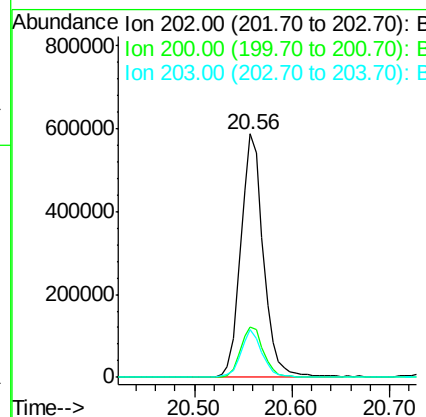
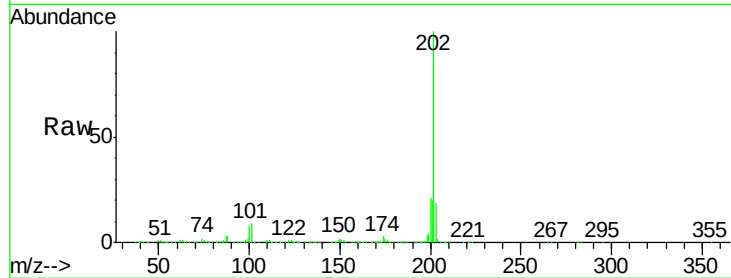
#77
Pvrene
Concen: 45.279 ng
RT: 20.56 min Scan# 2939
Delta R.T. -0.01 min
Lab File: BG033825.D
Acq: 16 Apr 2018 20:37

Instrument :
BNA_G
ClientSampleId :
PB108262BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.9	16.9	25.3
203	19.4	13.9	20.9

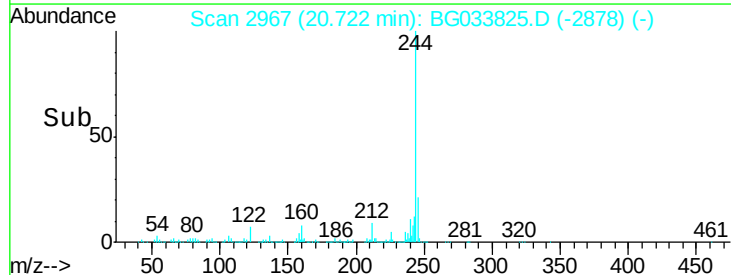
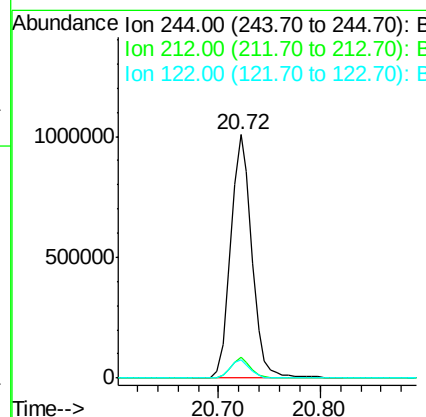
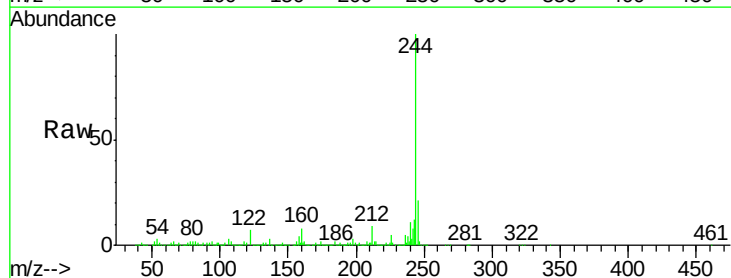
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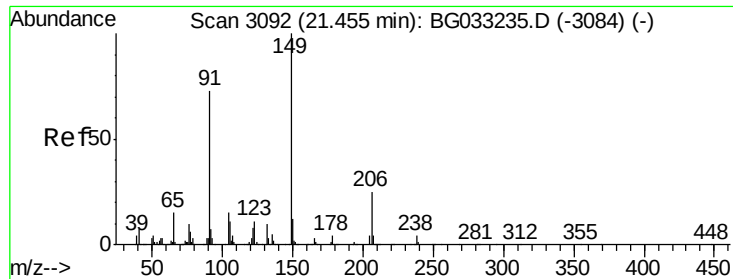
Sohil
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#78
Terphenyl-d14
Concen: 99.724 ng
RT: 20.72 min Scan# 2967
Delta R.T. -0.01 min
Lab File: BG033825.D
Acq: 16 Apr 2018 20:37

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.8	5.8	8.8#
122	7.4	7.0	10.4





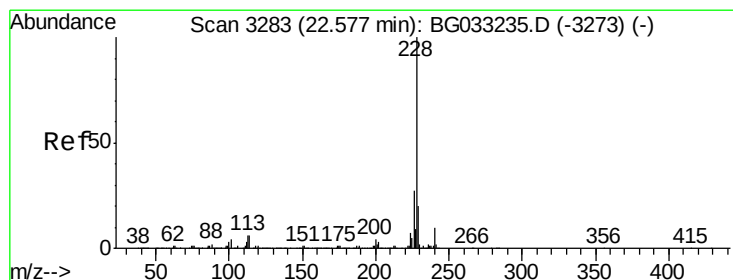
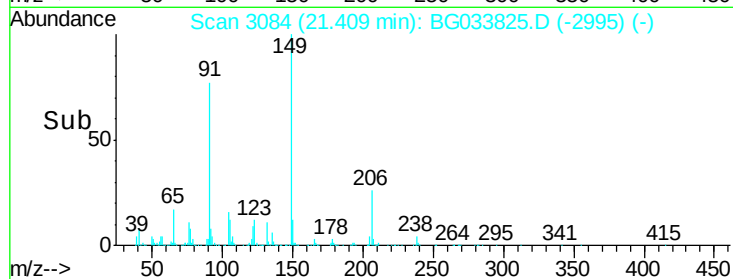
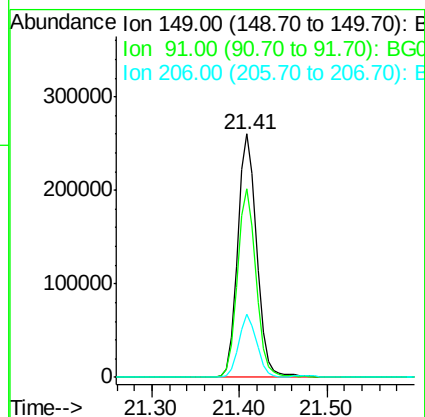
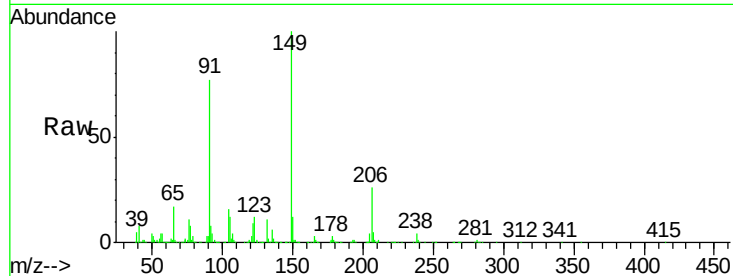
#79
Butylbenzylphthalate
Concen: 49.568 ng
RT: 21.41 min Scan# 3084
Delta R.T. -0.01 min
Lab File: BG033825.D
Acq: 16 Apr 2018 20:37

Instrument :
BNA_G
ClientSampleId :
PB108262BSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	77.4	62.2	93.2
206	25.8	18.6	27.8

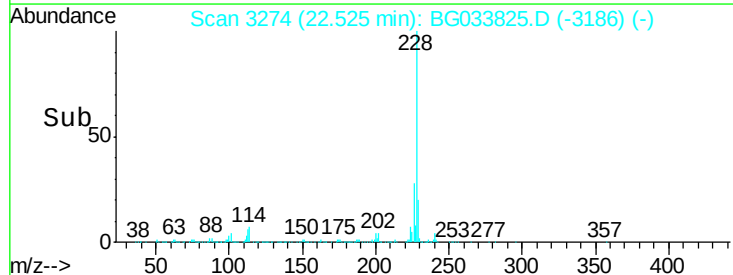
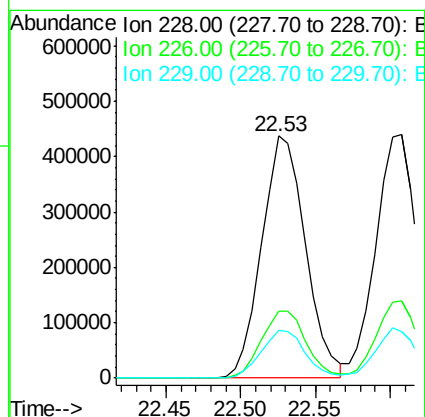
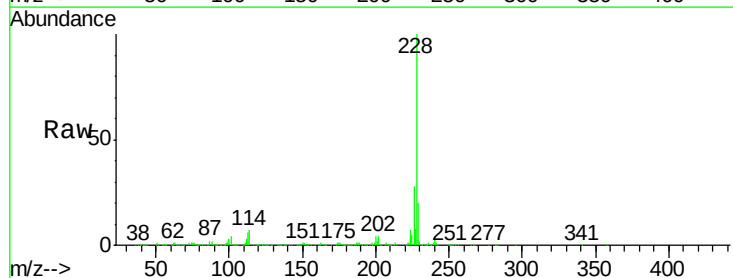
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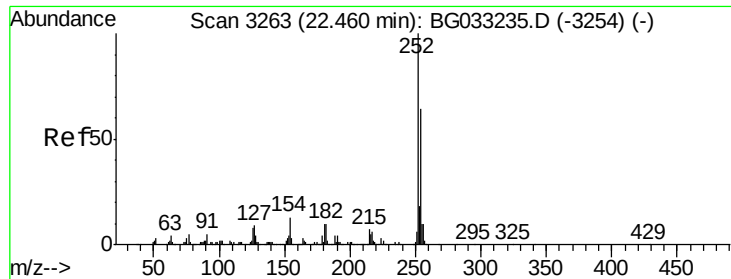
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#80
Benzo(a)anthracene
Concen: 44.658 ng
RT: 22.53 min Scan# 3274
Delta R.T. -0.01 min
Lab File: BG033825.D
Acq: 16 Apr 2018 20:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.7	34.1
229	19.8	16.2	24.2





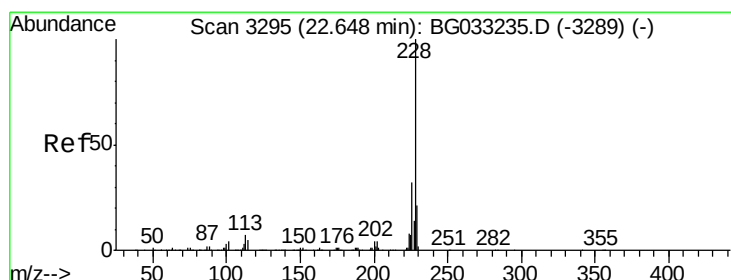
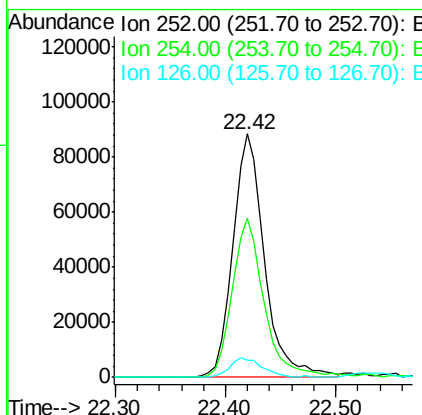
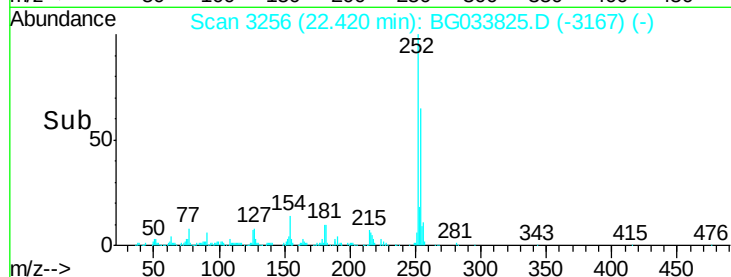
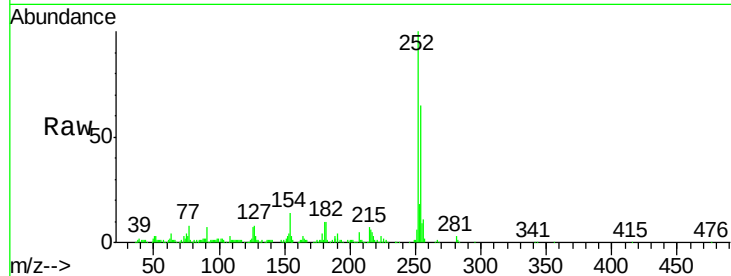
#81
 3,3'-Dichlorobenzidine
 Concen: 25.048 ng
 RT: 22.42 min Scan# 3256
 Delta R.T. -0.01 min
 Lab File: BG033825.D
 Acq: 16 Apr 2018 20:37

Instrument :
 BNA_G
 ClientSampleId :
 PB108262BSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.2	50.8	76.2
126	7.0	7.4	11.2

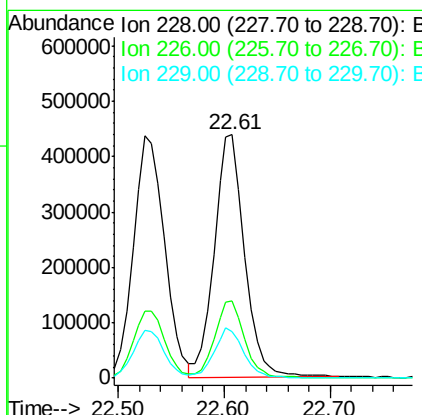
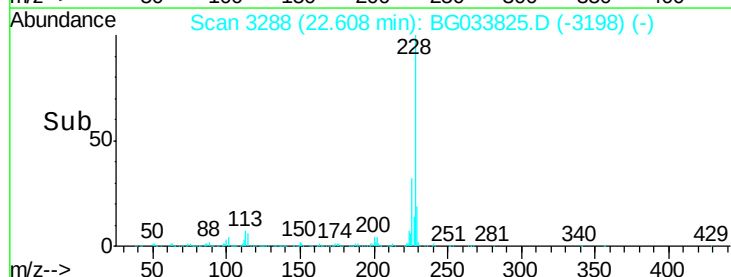
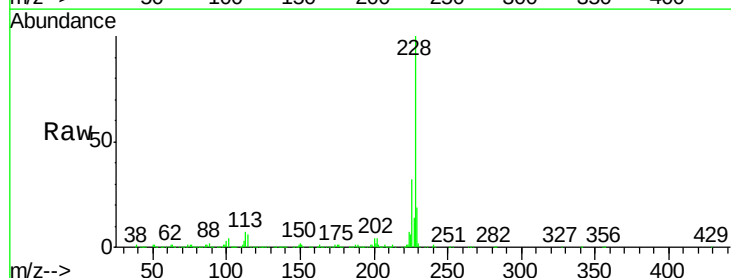
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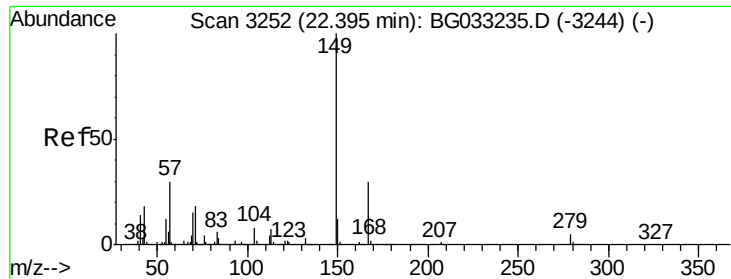
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#82
 Chrysene
 Concen: 45.296 ng
 RT: 22.61 min Scan# 3288
 Delta R.T. 0.00 min
 Lab File: BG033825.D
 Acq: 16 Apr 2018 20:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.9	37.3
229	19.3	15.0	22.4





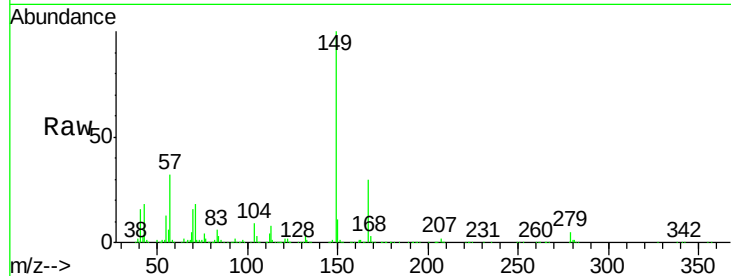
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.923 ng
 RT: 22.34 min Scan# 3243
 Delta R.T. 0.00 min
 Lab File: BG033825.D
 Acq: 16 Apr 2018 20:37

Instrument :
 BNA_G
 ClientSampleId :
 PB108262BSD

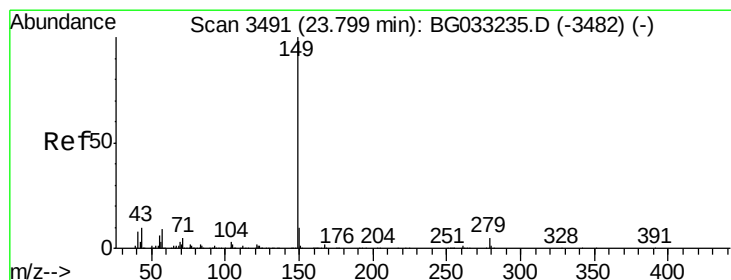
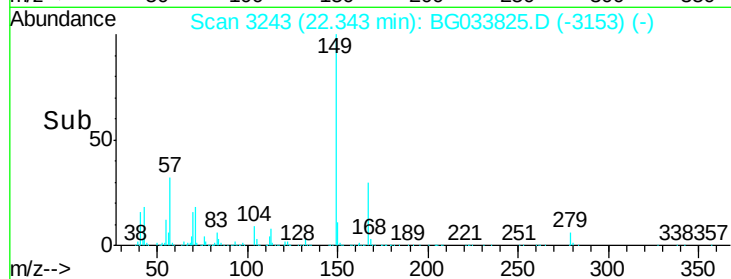
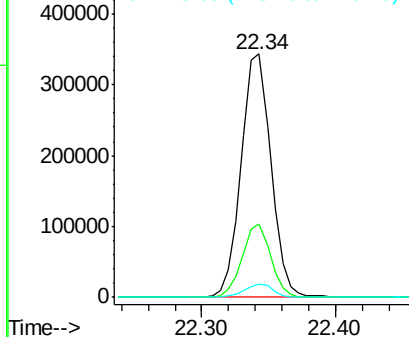
Tot Ion	Ratio	Lower	Upper
149	100		
167	29.9	24.3	36.5
279	5.5	4.0	6.0

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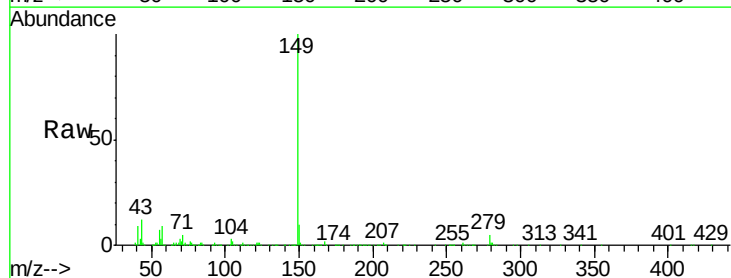


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

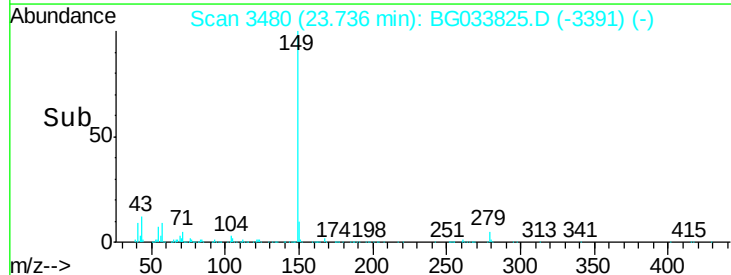
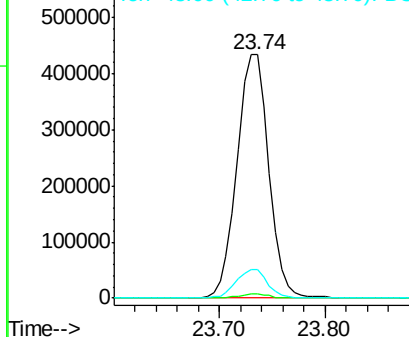


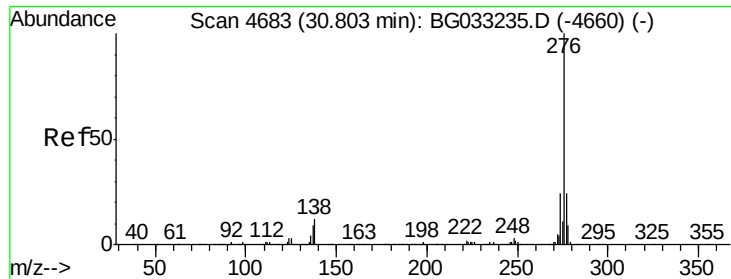
#84
 Di-n-octyl phthalate
 Concen: 55.522 ng
 RT: 23.74 min Scan# 3480
 Delta R.T. -0.01 min
 Lab File: BG033825.D
 Acq: 16 Apr 2018 20:37

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	11.5	8.9	13.3



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BGO





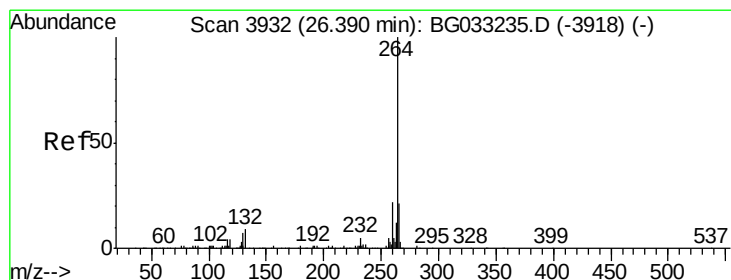
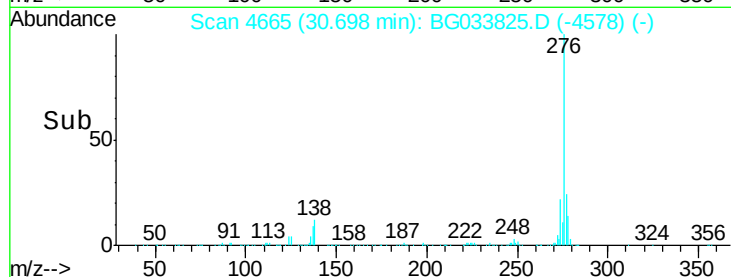
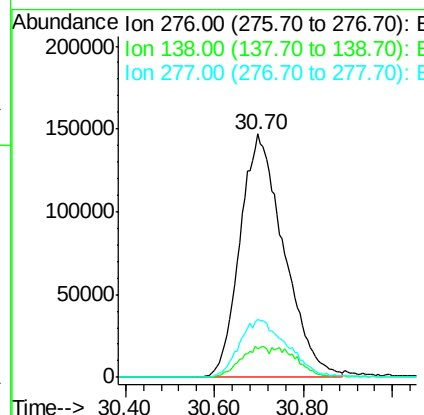
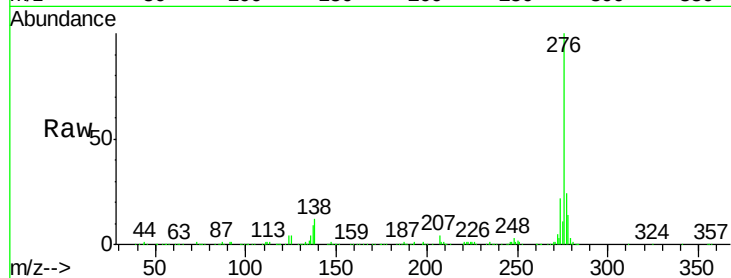
#85
Indeno(1,2,3-cd)pyrene
Concen: 48.091 ng
RT: 30.70 min Scan# 4665
Delta R.T. -0.02 min
Lab File: BG033825.D
Acq: 16 Apr 2018 20:37

Instrument :
BNA_G
ClientSampleId :
PB108262BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	7.9	16.0	24.0#
277	25.7	20.0	30.0

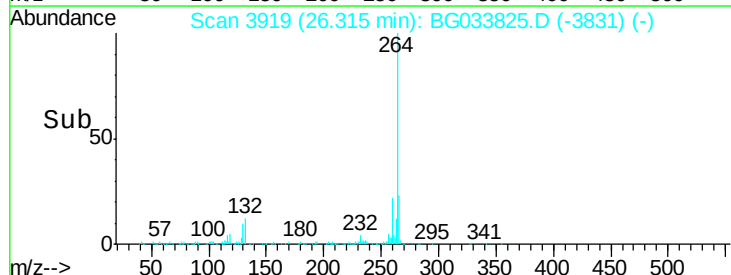
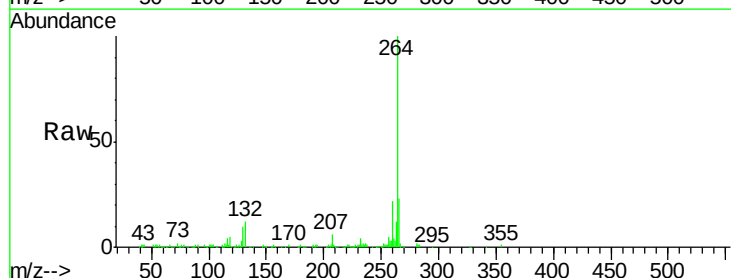
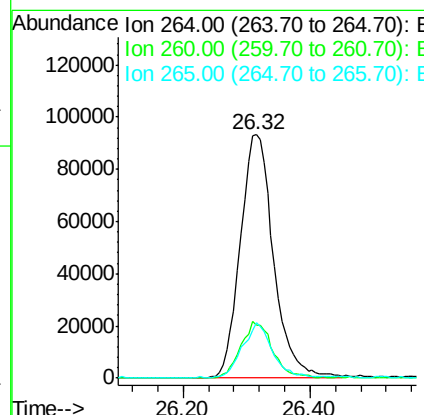
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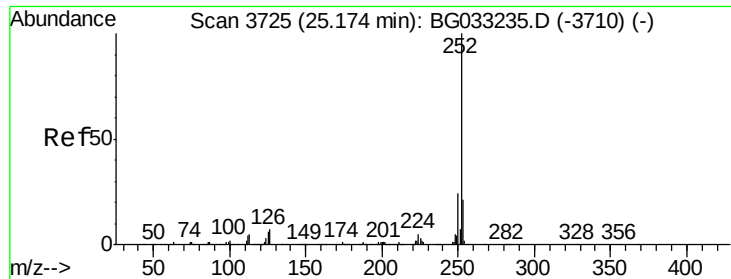
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#86
Perylene-d12
Concen: 20.000 ng
RT: 26.32 min Scan# 3919
Delta R.T. -0.01 min
Lab File: BG033825.D
Acq: 16 Apr 2018 20:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.8	17.4	26.0
265	22.8	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 43.937 ng

RT: 25.10 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

Instrument :

BNA_G

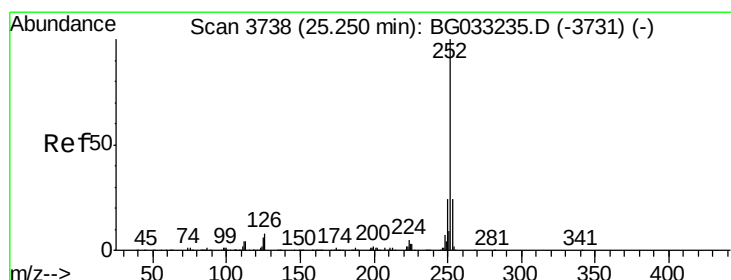
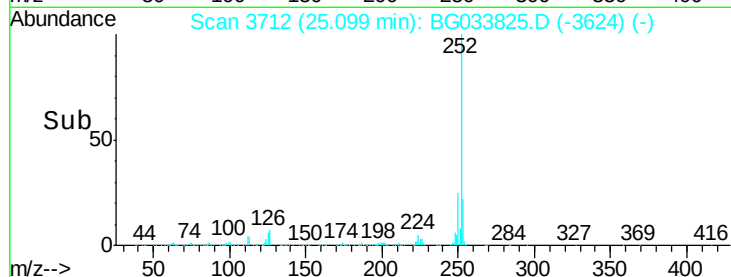
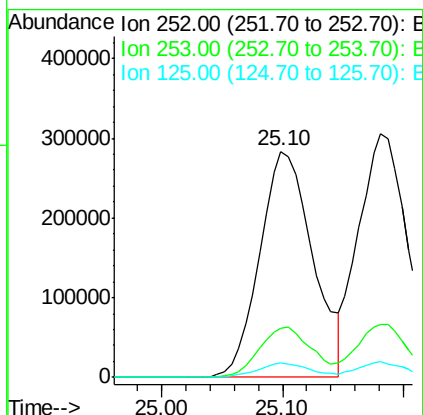
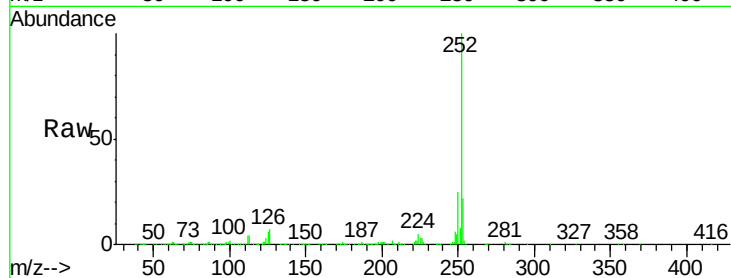
ClientSampleId :

PB108262BSD

Tot Ion:	252	Resp:	862413
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.2	27.4
125	6.3	7.2	10.8#

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#88

Benzo(k)fluoranthene

Concen: 43.943 ng

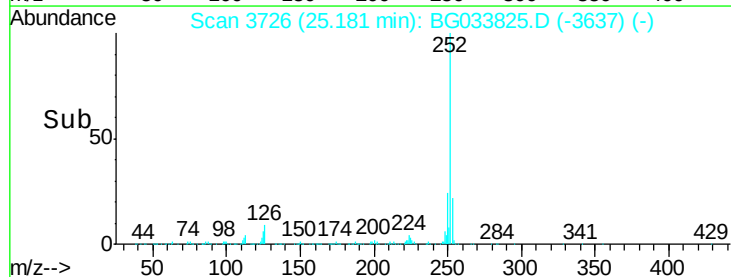
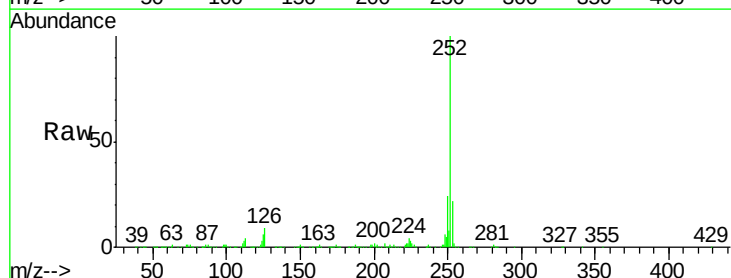
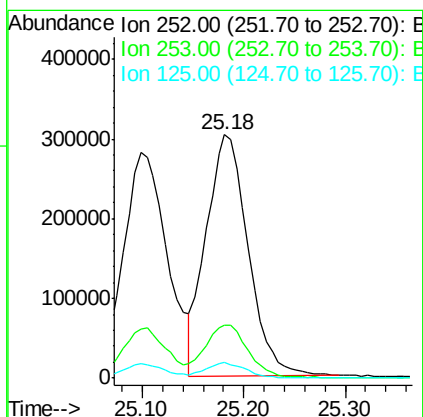
RT: 25.18 min Scan# 3726

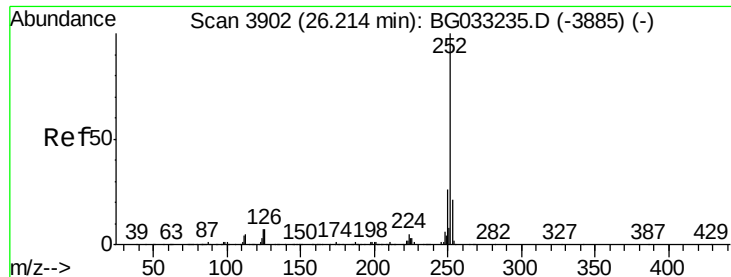
Delta R.T. -0.01 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

Tgt Ion:	252	Resp:	872346
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.4	26.2
125	6.3	6.6	9.8#





#89

Benzo(a)pyrene

Concen: 45.786 ng

RT: 26.14 min Scan# 3889

Delta R.T. -0.01 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

Instrument :

BNA_G

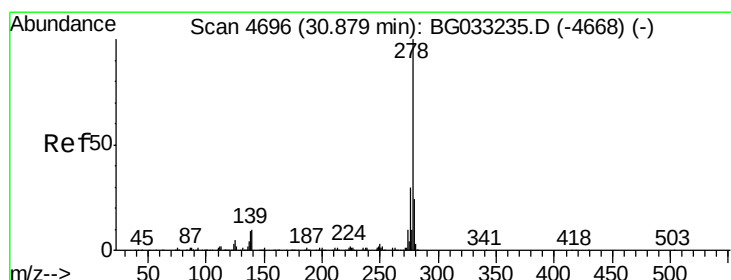
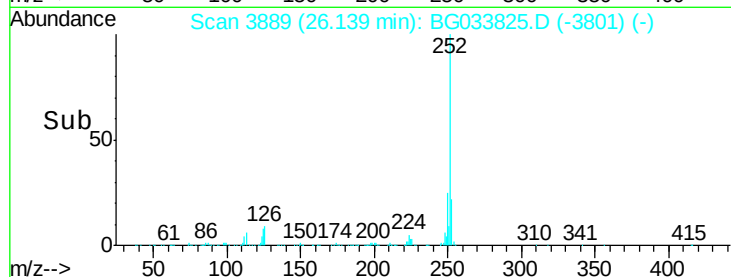
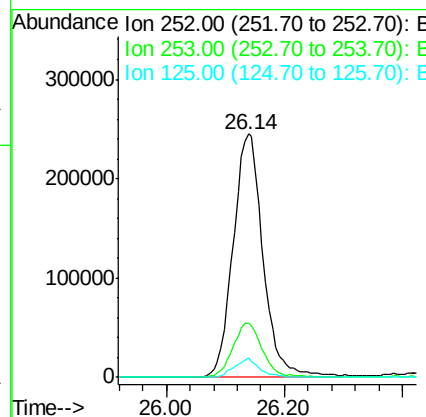
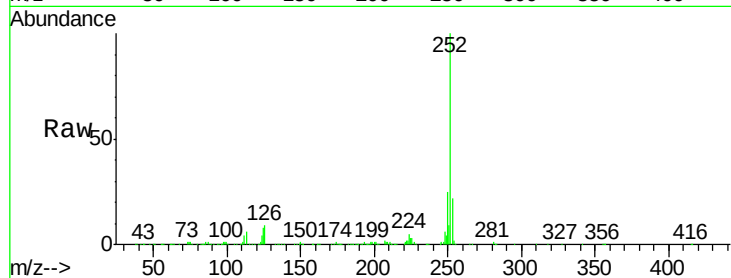
ClientSampleId :

PB108262BSD

Tot Ion:	252	Resp:	863057
Ion Ratio		Lower	Upper
252	100		
253	22.4	18.3	27.5
125	7.9	7.3	10.9

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#90

Dibenzo(a,h)anthracene

Concen: 46.924 ng

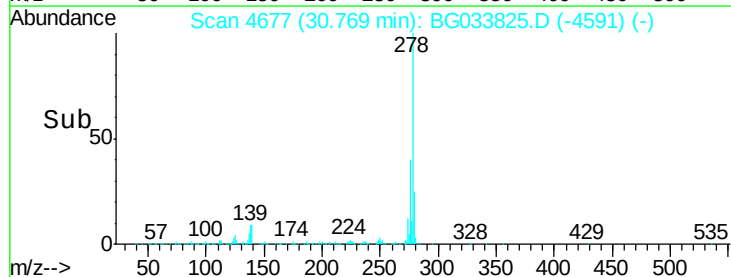
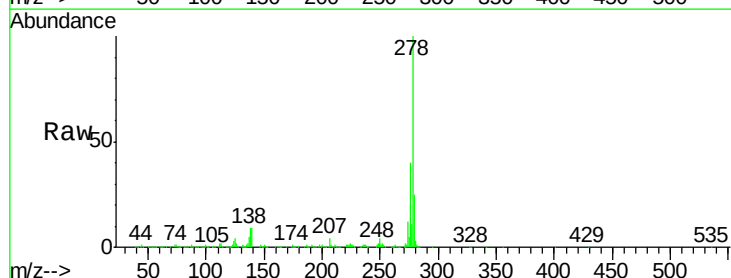
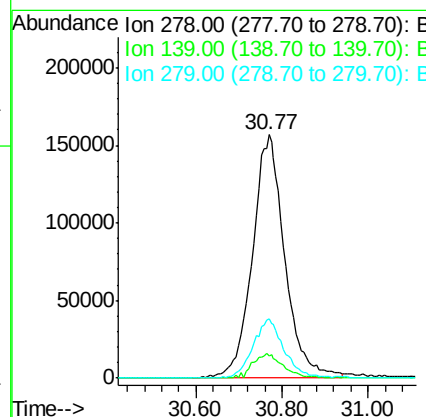
RT: 30.77 min Scan# 4677

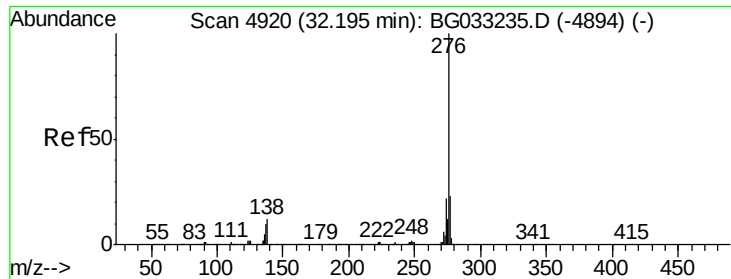
Delta R.T. -0.02 min

Lab File: BG033825.D

Acq: 16 Apr 2018 20:37

Tgt Ion:	278	Resp:	833171
Ion Ratio		Lower	Upper
278	100		
139	9.2	9.8	14.6#
279	24.6	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 47.006 ng
 RT: 32.07 min Scan# 4899
 Delta R.T. -0.02 min
 Lab File: BG033825.D
 Acq: 16 Apr 2018 20:37

Instrument :
 BNA_G
 ClientSampleId :
 PB108262BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.4	18.3	27.5
138	13.3	13.9	20.9

Manual Integrations
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