

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120417\
 Data File : BG031356.D
 Acq On : 4 Dec 2017 21:08
 Operator : SJ/JU
 Sample : I6308-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SA-06-120117MS

Manual Integrations
 APPROVED

Sohil
 12/5/2017 3:26:46 PM

Quant Time: Dec 05 05:34:56 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	72933	20.00	ng	-0.03
21) Naphthalene-d8	10.94	136	315723	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	216795	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	566316	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	627253	20.00	ng	-0.02
86) Perylene-d12	25.07	264	629877	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	542904	127.64	ng	-0.02
7) Phenol-d6	7.30	99	659821	115.15	ng	0.00
23) Nitrobenzene-d5	9.30	82	444310	83.39	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	372492	106.21	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	1260533	83.55	ng	-0.02
78) Terphenyl-d14	20.09	244	2279880	80.26	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	70828	41.04	ng	# 83
3) Pyridine	3.96	79	164741	32.88	ng	86
4) n-Nitrosodimethylamine	3.86	42	98813	41.61	ng	# 89
6) Aniline	7.45	93	54467	7.22	ng	96
8) 2-Chlorophenol	7.70	128	242308	51.62	ng	87
9) Benzaldehyde	7.26	77	69208	17.26	ng	83
10) Phenol	7.32	94	275352	46.27	ng	92
11) bis(2-Chloroethyl)ether	7.54	93	226120	47.59	ng	87
12) 1,3-Dichlorobenzene	8.02	146	260963	47.39	ng	97
13) 1,4-Dichlorobenzene	8.16	146	268329	48.08	ng	93
14) 1,2-Dichlorobenzene	8.48	146	254041	47.43	ng	97
15) Benzyl Alcohol	8.37	79	197148	42.89	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.65	45	323512	61.64	ng	90
17) 2-Methylphenol	8.58	107	204997	49.47	ng	96
18) Hexachloroethane	9.21	117	91678	47.20	ng	93
19) n-Nitroso-di-n-propylamine	8.93	70	180809	41.50	ng	# 94
20) 3+4-Methylphenols	8.91	107	280734	47.64	ng	96
22) Acetophenone	8.95	105	347171	44.16	ng	# 92
24) Nitrobenzene	9.34	77	266871	49.03	ng	90
25) Isophorone	9.86	82	507491	48.84	ng	# 93
26) 2-Nitrophenol	10.06	139	145350	51.23	ng	# 85
27) 2,4-Dimethylphenol	10.11	122	240024	56.99	ng	93
28) bis(2-Chloroethoxy)methane	10.34	93	316778	48.40	ng	97
29) 2,4-Dichlorophenol	10.60	162	277655	54.90	ng	91
30) 1,2,4-Trichlorobenzene	10.80	180	300879	49.83	ng	98
31) Naphthalene	10.99	128	765837	49.34	ng	98
32) Benzoic acid	10.28	122	85274	27.10	ng	# 84
34) Hexachlorobutadiene	11.27	225	192871	46.06	ng	95
35) Caprolactam	11.89	113	77221m	37.38	ng	
36) 4-Chloro-3-methylphenol	12.23	107	276725	50.27	ng	86
37) 2-Methylnaphthalene	12.59	142	598788	49.98	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	365054	42.43	ng	97
40) Hexachlorocyclopentadiene	12.93	237	331292	100.89	ng	92
42) 2,4,6-Trichlorophenol	13.20	196	254839	51.81	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.28	196	273439	50.81	nq	# 94
45) 1,1'-Biphenyl	13.59	154	785321	43.68	nq	97
46) 2-Chloronaphthalene	13.63	162	655121	50.51	nq	96
47) 2-Nitroaniline	13.84	65	170187	44.27	nq	# 76
48) Acenaphthylene	14.47	152	995058	46.87	nq	99
49) Dimethylphthalate	14.20	163	886458	47.29	nq	99
50) 2,6-Dinitrotoluene	14.33	165	204193	52.85	nq	# 75
51) Acenaphthene	14.81	154	618906	46.68	nq	98
53) 2,4-Dinitrophenol	14.88	184	228750	105.59	nq	# 47
54) Dibenzofuran	15.15	168	1029036	48.73	nq	99
55) 4-Nitrophenol	14.99	139	270208	92.46	nq	# 77
56) 2,4-Dinitrotoluene	15.12	165	295176	52.85	nq	# 72
57) Fluorene	15.80	166	828253	48.31	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.38	232	273130	53.25	nq	# 90
59) Diethylphthalate	15.56	149	885443	46.50	nq	96
60) 4-Chlorophenyl-phenylether	15.78	204	496049	47.90	nq	91
61) 4-Nitroaniline	15.83	138	165486	38.09	nq	85
62) Azobenzene	16.07	77	695925	47.92	nq	93
64) 4,6-Dinitro-2-methylphenol	15.88	198	168540	44.77	nq	76
65) n-Nitrosodiphenylamine	16.00	169	757188	44.12	nq	100
66) 4-Bromophenyl-phenylether	16.67	248	330092	46.02	nq	98
67) Hexachlorobenzene	16.80	284	340013	44.61	nq	97
68) Atrazine	16.94	200	279936	39.54	nq	98
69) Pentachlorophenol	17.15	266	359001	85.22	nq	98
70) Phenanthrene	17.54	178	1416631	48.04	nq	97
71) Anthracene	17.63	178	1451631	49.13	nq	98
72) Carbazole	17.89	167	1329523	48.03	nq	99
73) Di-n-butylphthalate	18.43	149	1529249	44.99	nq	98
74) Fluoranthene	19.54	202	1840443	49.30	nq	97
77) Pyrene	19.90	202	1877614	50.45	nq	94
79) Butylbenzylphthalate	20.76	149	738065	49.73	nq	85
80) Benzo(a)anthracene	21.75	228	1885999	48.41	nq	96
81) 3,3'-Dichlorobenzidine	21.65	252	119322	7.59	nq	98
82) Chrysene	21.82	228	1775170	49.25	nq	96
83) Bis(2-ethylhexyl)phthalate	21.62	149	1022402	47.73	nq	99
84) Di-n-octyl phthalate	22.85	149	1726647	49.52	nq	# 94
85) Indeno(1,2,3-cd)pyrene	28.87	276	2135814	48.75	nq	# 90
87) Benzo(b)fluoranthene	24.02	252	1898502	49.83	nq	98
88) Benzo(k)fluoranthene	24.09	252	1873480	49.61	nq	96
89) Benzo(a)pyrene	24.92	252	1850582	51.13	nq	99
90) Dibenzo(a,h)anthracene	28.92	278	1788995	48.36	nq	97
91) Benzo(g,h,i)perylene	30.06	276	1723754	48.01	nq	99

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

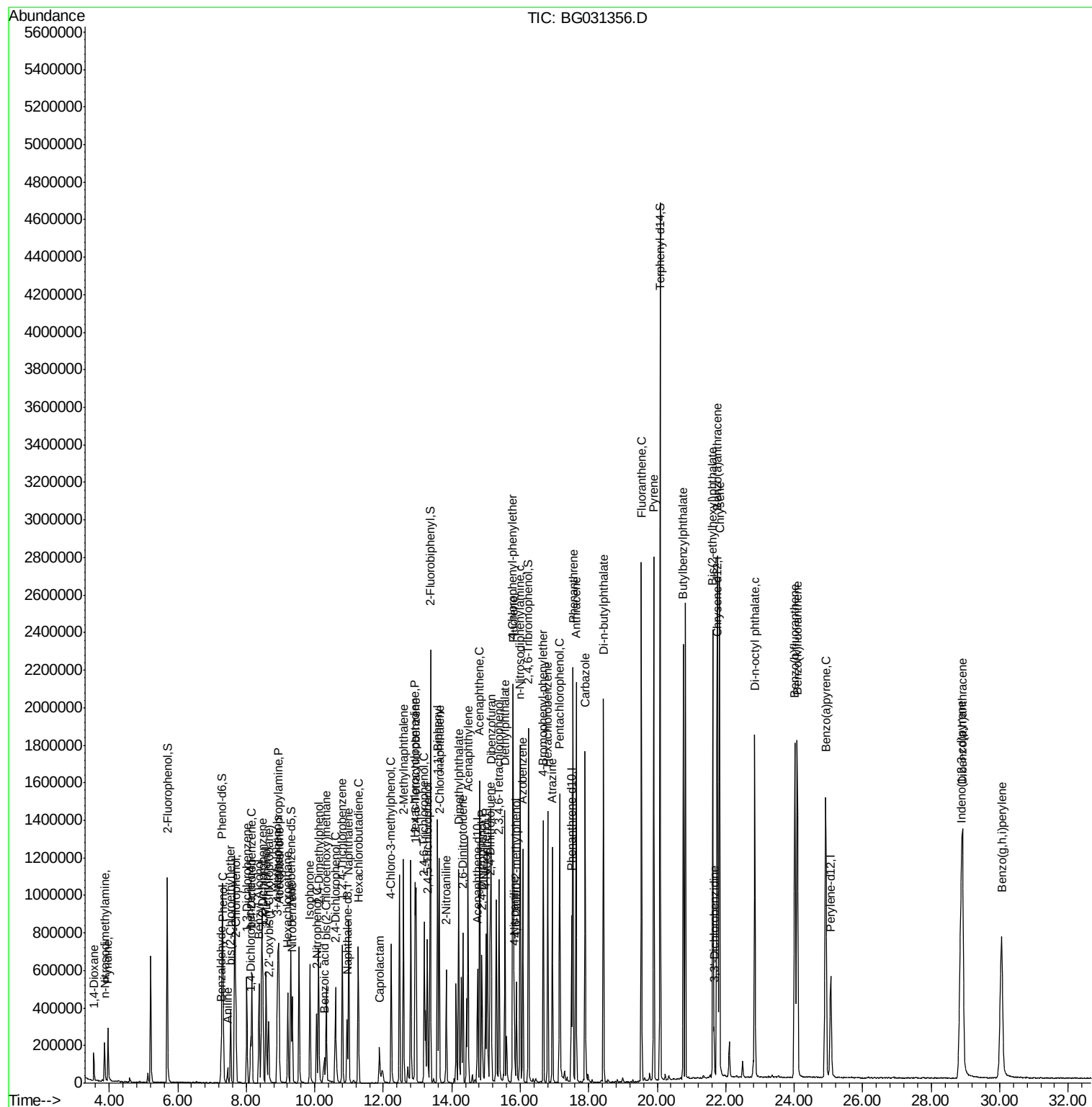
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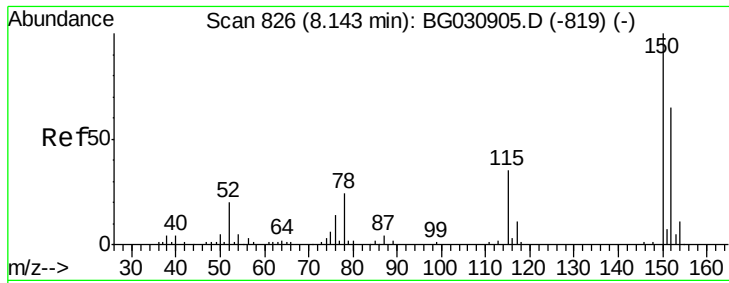
Instrument :
BNA_G
ClientSampled :
SA-06-120117MS

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 823

Delta R.T. -0.03 min

Lab File: BG031356.D

Acq: 4 Dec 2017 21:08

Instrument :

BNA_G

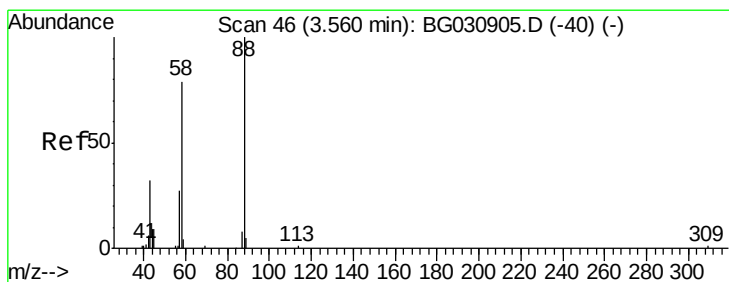
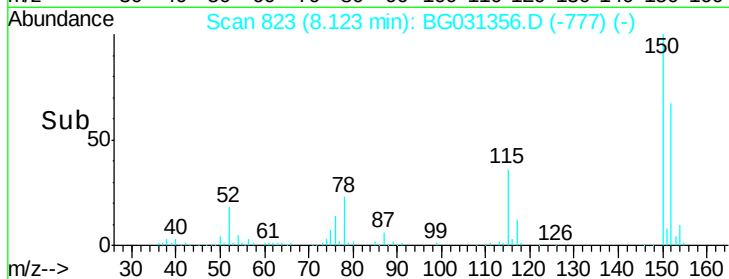
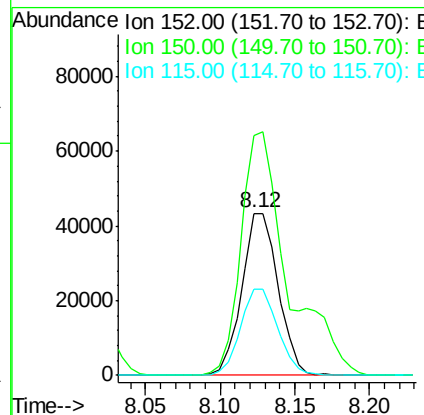
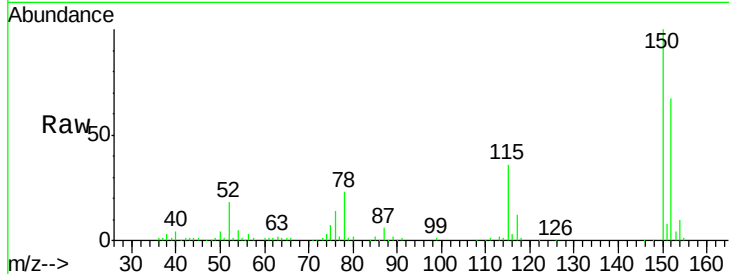
ClientSampleId :

SA-06-120117MS

Tot Ion:	152	Resp:	72933
Ion Ratio	Lower	Upper	
152	100		
150	148.2	126.6	189.8
115	53.3	53.0	79.4

Manual Integrations
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#2

1,4-Dioxane

Concen: 41.04 ng

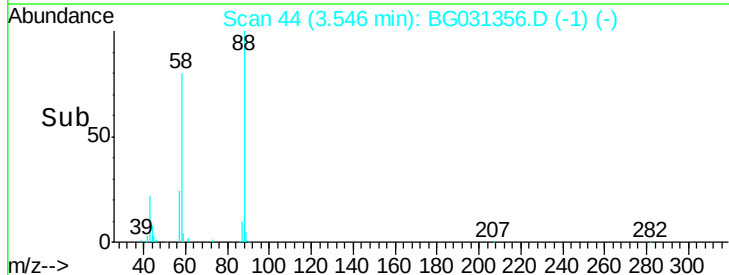
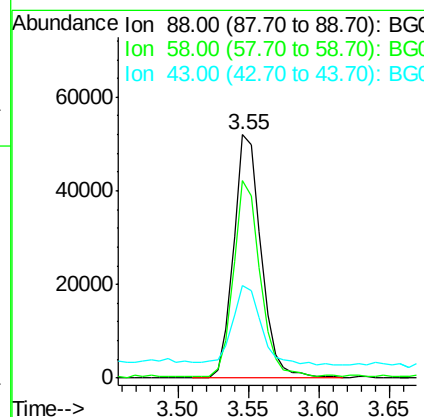
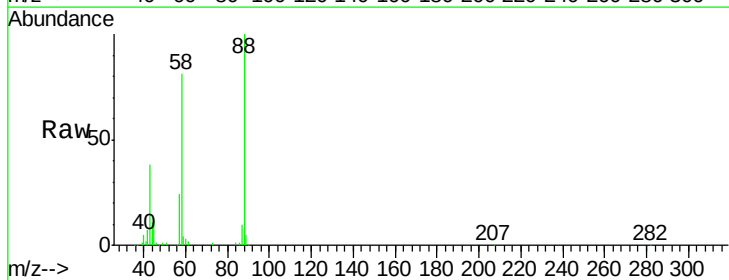
RT: 3.55 min Scan# 44

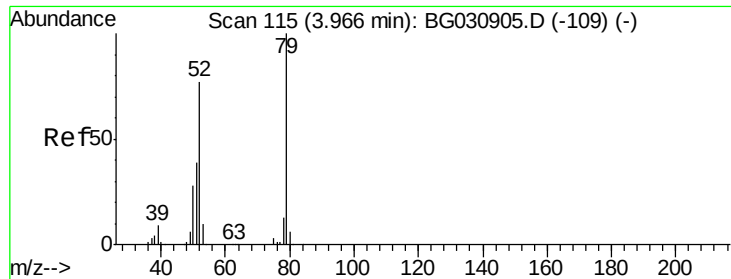
Delta R.T. -0.02 min

Lab File: BG031356.D

Acq: 4 Dec 2017 21:08

Tgt Ion:	88	Resp:	70828
Ion Ratio	Lower	Upper	
88	100		
58	77.3	79.6	119.4#
43	32.8	27.4	41.0





#3

Pvridine

Concen: 32.88 ng

RT: 3.96 min Scan# 114

Delta R.T. -0.02 min

Lab File: BG031356.D

Acq: 4 Dec 2017 21:08

Instrument :

BNA_G

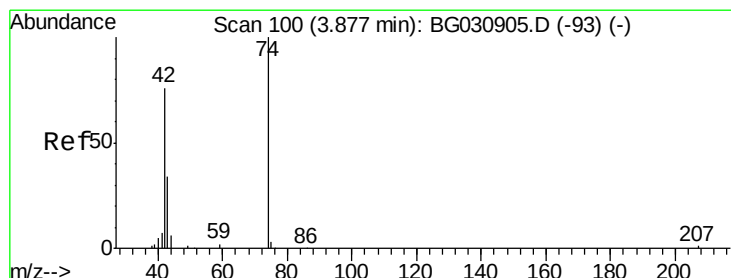
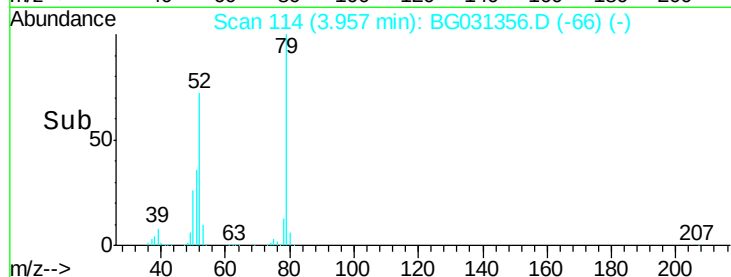
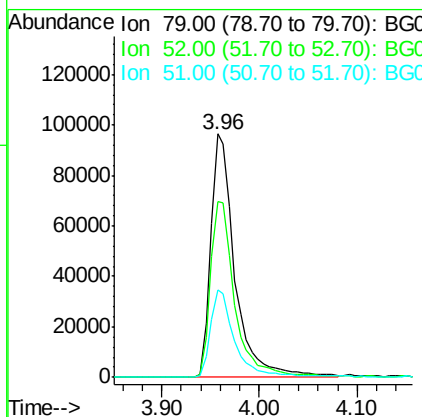
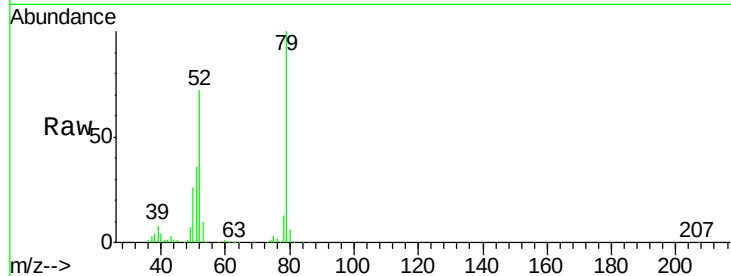
ClientSampleId :

SA-06-120117MS

Tot Ion:	79	Resp:	164741
Ion Ratio	Lower	Upper	
79	100		
52	72.2	69.9	104.9
51	35.9	34.0	51.0

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#4

n-Nitrosodimethylamine

Concen: 41.61 ng

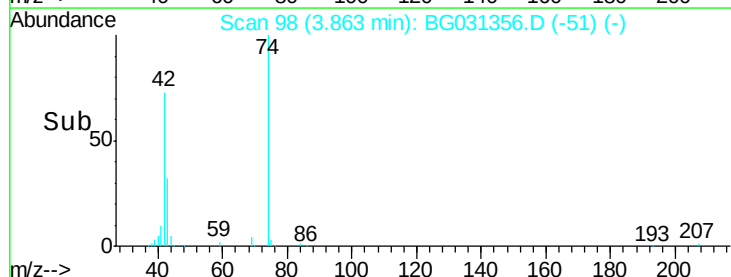
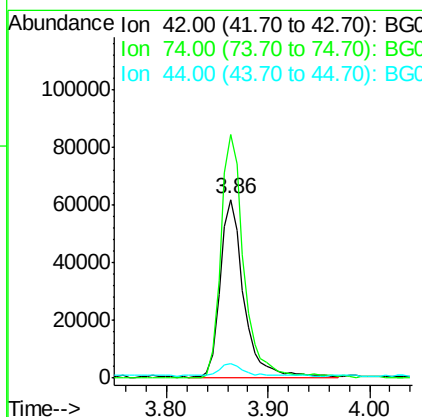
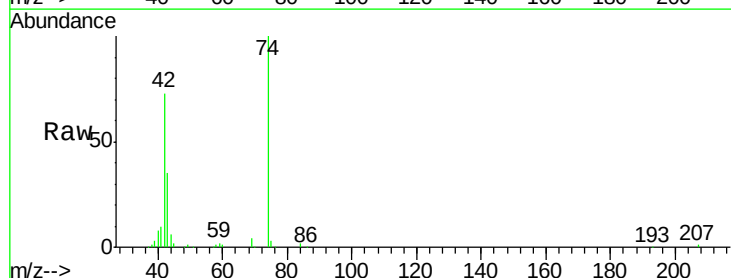
RT: 3.86 min Scan# 98

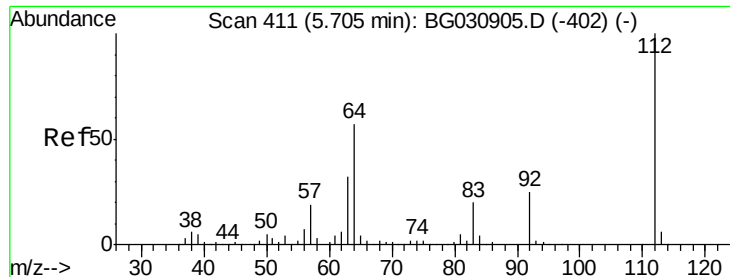
Delta R.T. -0.02 min

Lab File: BG031356.D

Acq: 4 Dec 2017 21:08

Tgt Ion:	42	Resp:	98813
Ion Ratio	Lower	Upper	
42	100		
74	136.1	102.5	153.7
44	8.3	18.9	28.3#





#5

2-Fluorophenol

Concen: 127.64 ng

RT: 5.69 min Scan# 409

Delta R.T. -0.02 min

Lab File: BG031356.D

Acq: 4 Dec 2017 21:08

Instrument :

BNA_G

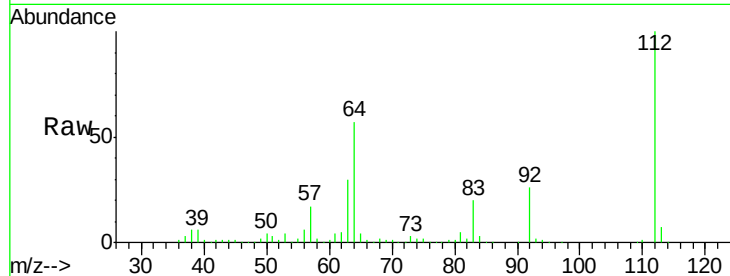
ClientSampleId :

SA-06-120117MS

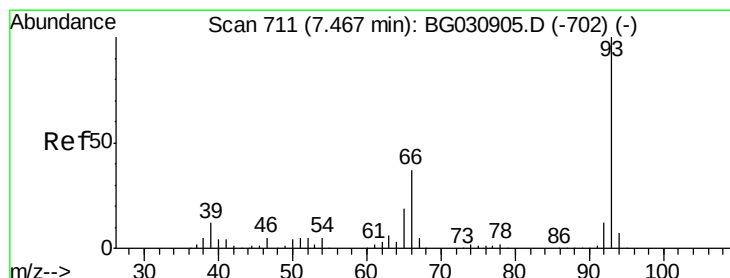
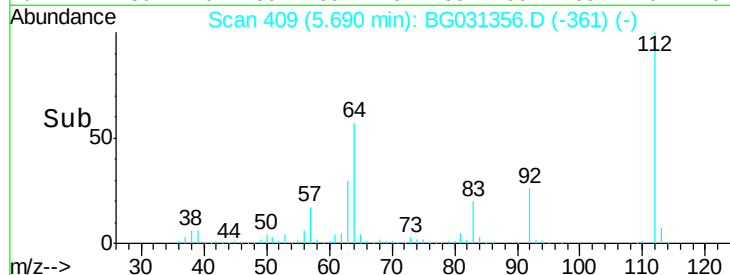
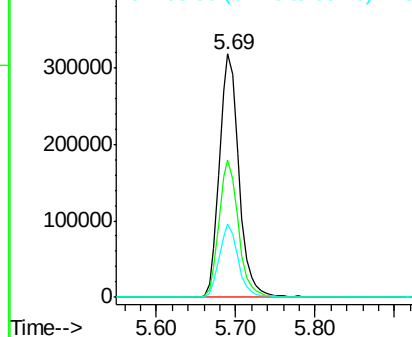
Tot Ion:	112	Resp:	542904
Ion Ratio	Lower	Upper	
112	100		
64	56.5	56.3	84.5
63	30.2	30.1	45.1

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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 7.22 ng

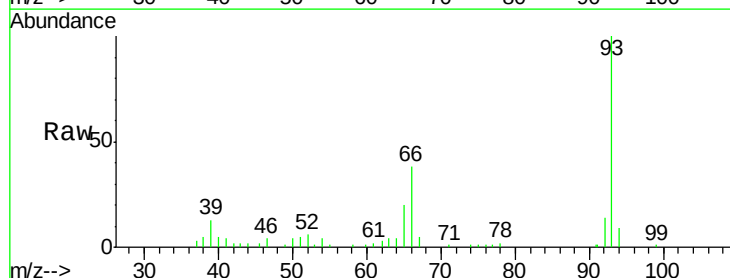
RT: 7.45 min Scan# 709

Delta R.T. -0.02 min

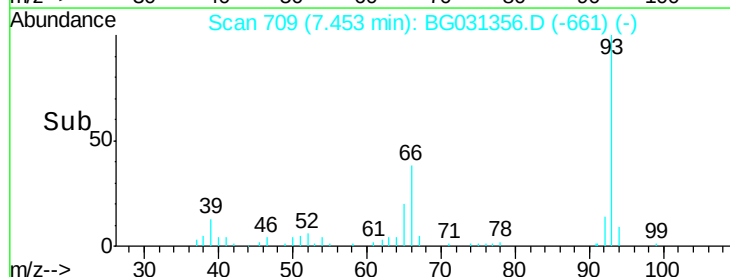
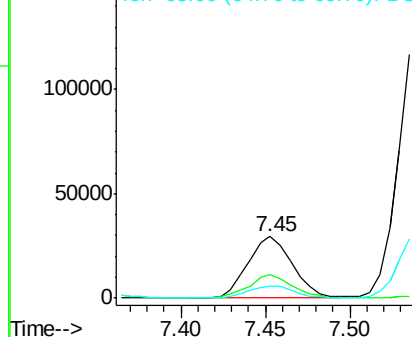
Lab File: BG031356.D

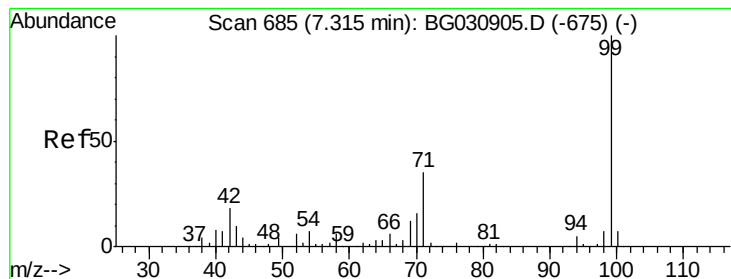
Acq: 4 Dec 2017 21:08

Tgt Ion:	93	Resp:	54467
Ion Ratio	Lower	Upper	
93	100		
66	38.4	33.7	50.5
65	20.2	16.1	24.1



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 115.15 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG031356.D

Acq: 4 Dec 2017 21:08

Instrument :

BNA_G

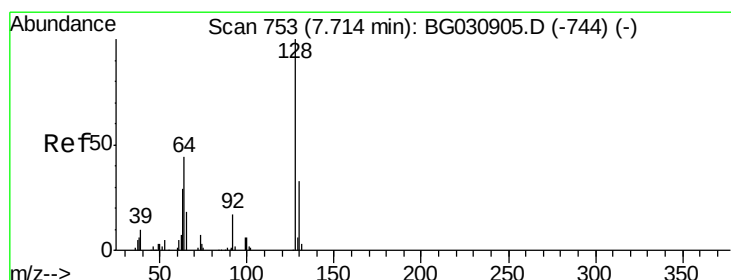
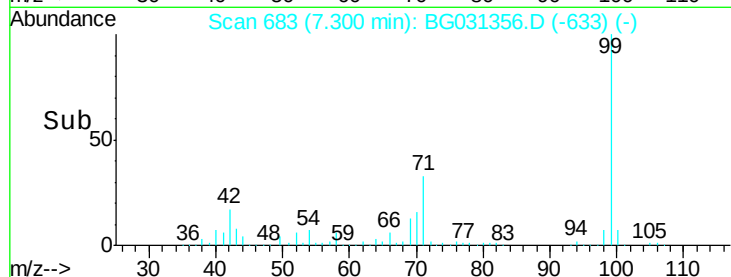
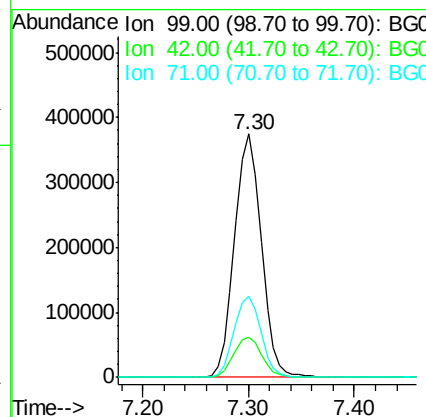
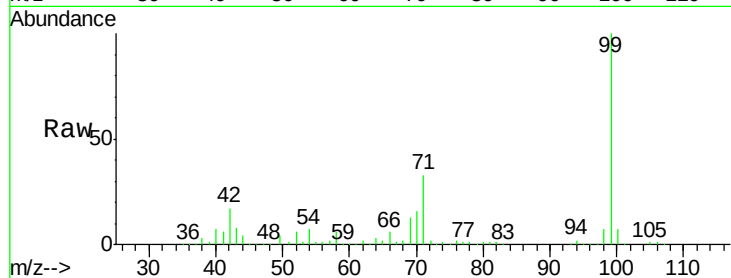
ClientSampleId :

SA-06-120117MS

Tot Ion:	99	Resp:	659821
Ion Ratio	Lower	Upper	
99	100		
42	16.6	14.1	21.1
71	33.2	26.1	39.1

Manual Integrations
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#8

2-Chlorophenol

Concen: 51.62 ng

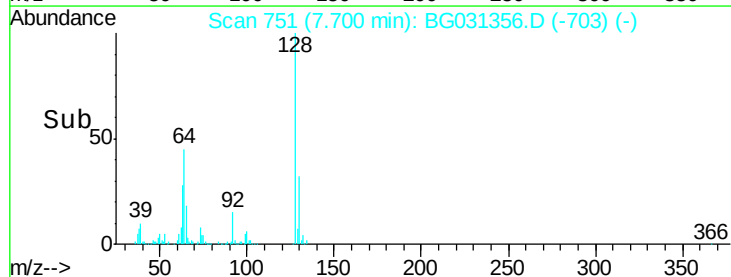
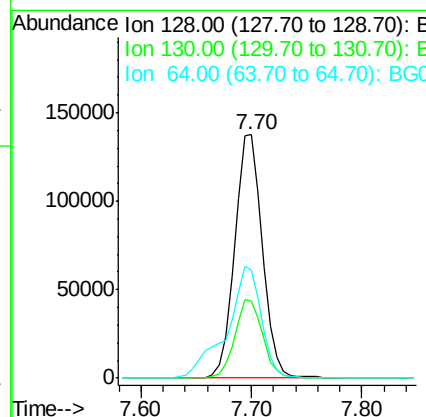
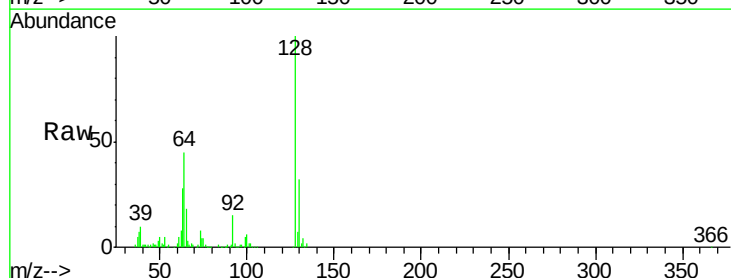
RT: 7.70 min Scan# 751

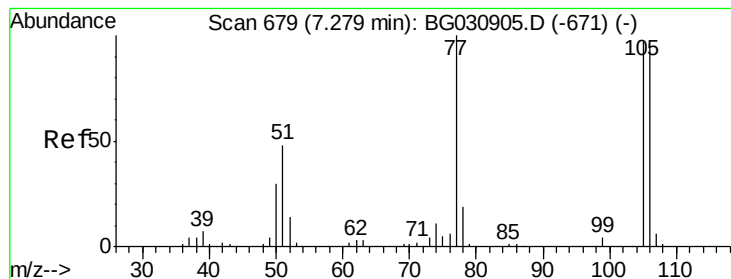
Delta R.T. -0.02 min

Lab File: BG031356.D

Acq: 4 Dec 2017 21:08

Tgt Ion:	128	Resp:	242308
Ion Ratio	Lower	Upper	
128	100		
130	31.6	14.0	54.0
64	44.6	37.7	77.7





#9

Benzaldehyde

Concen: 17.26 ng

RT: 7.26 min Scan# 677

Delta R.T. -0.02 min

Lab File: BG031356.D

Acq: 4 Dec 2017 21:08

Instrument :

BNA_G

ClientSampleID :

SA-06-120117MS

Tot Ion: 77 Resp: 69208

Ion Ratio Lower Upper

77 100

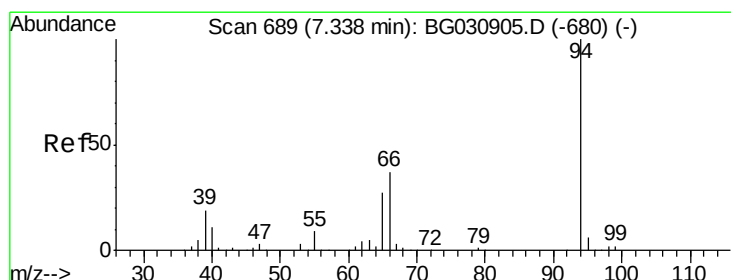
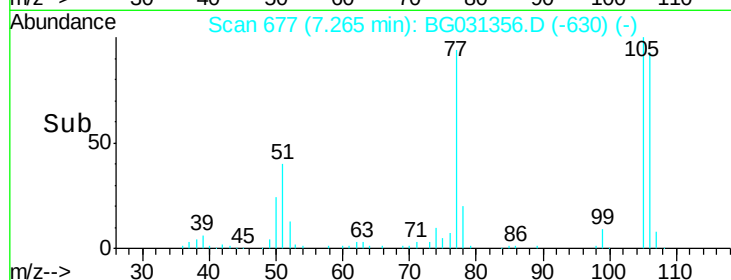
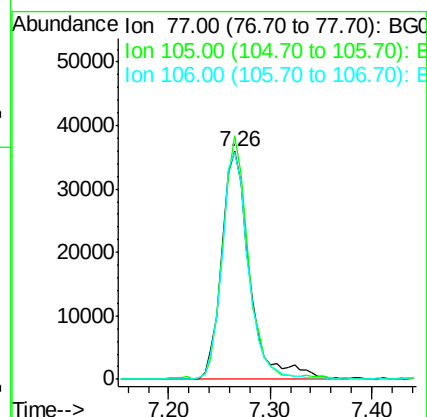
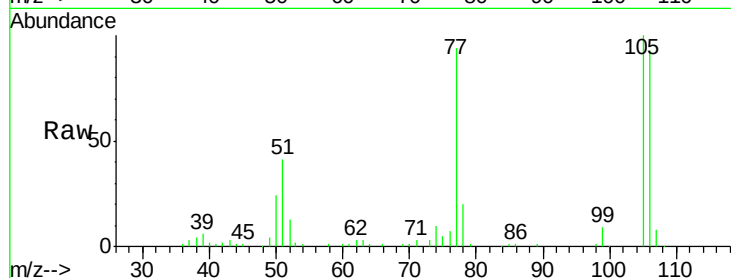
105 106.9 71.3 111.3

106 99.4 64.2 104.2

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#10

Phenol

Concen: 46.27 ng

RT: 7.32 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG031356.D

Acq: 4 Dec 2017 21:08

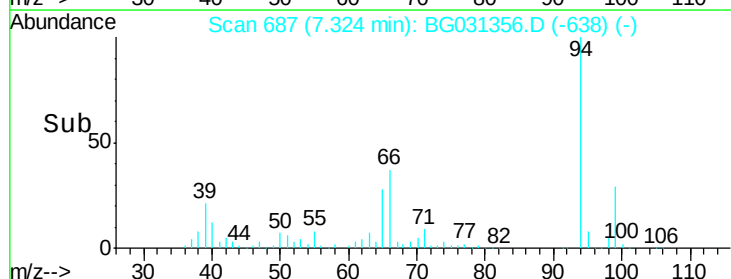
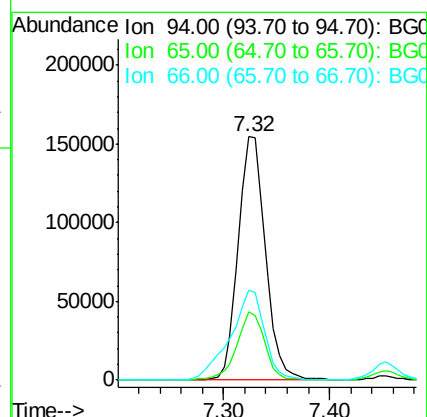
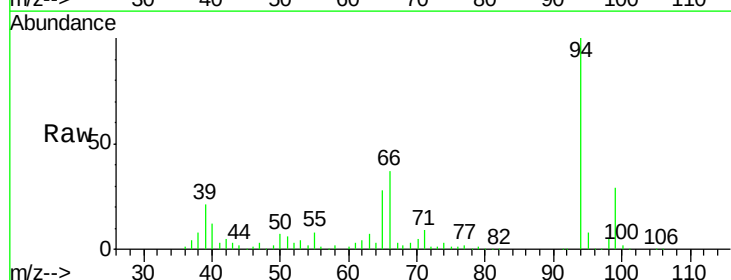
Tgt Ion: 94 Resp: 275352

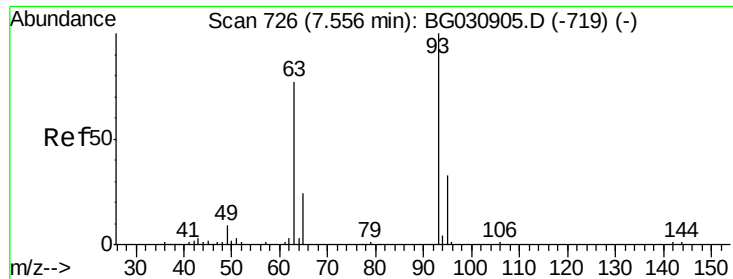
Ion Ratio Lower Upper

94 100

65 28.1 11.9 51.9

66 36.9 22.2 62.2





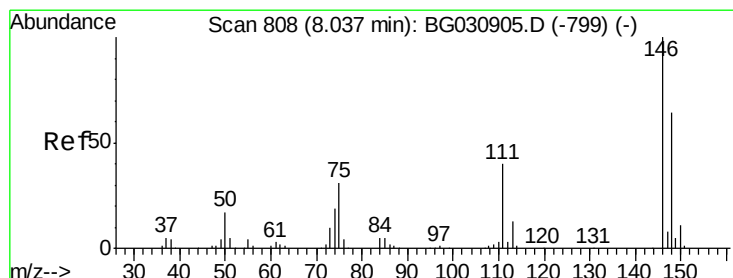
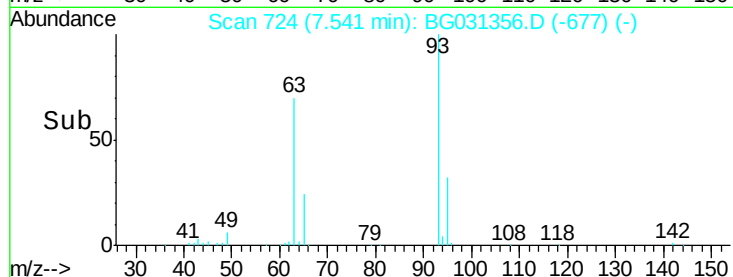
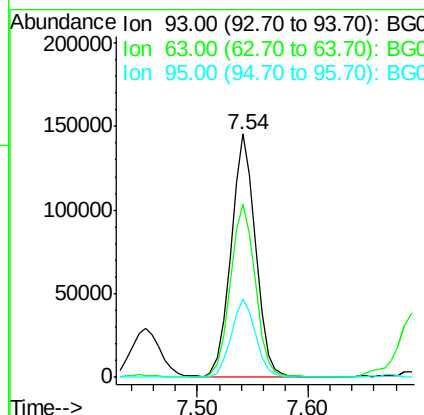
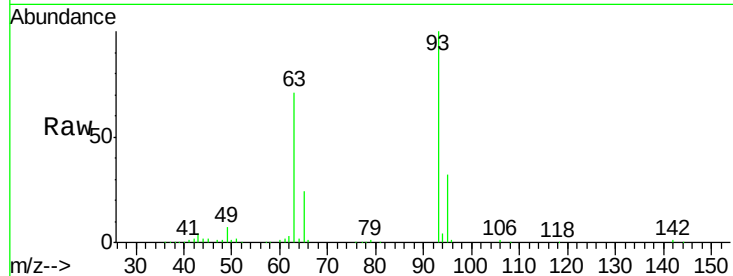
#11
bis(2-Chloroethyl)ether
Concen: 47.59 ng
RT: 7.54 min Scan# 724
Delta R.T. -0.02 min
Lab File: BG031356.D
Acq: 4 Dec 2017 21:08

Instrument :
BNA_G
ClientSampleId :
SA-06-120117MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.2	67.1	107.1
95	32.0	11.5	51.5

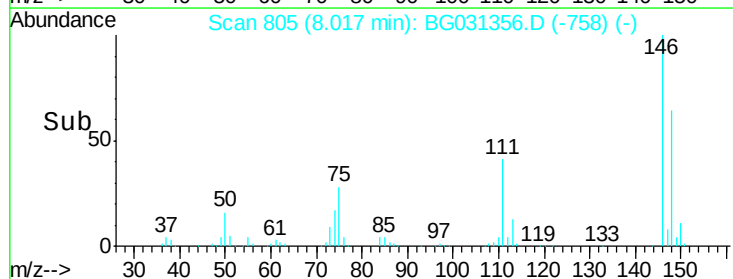
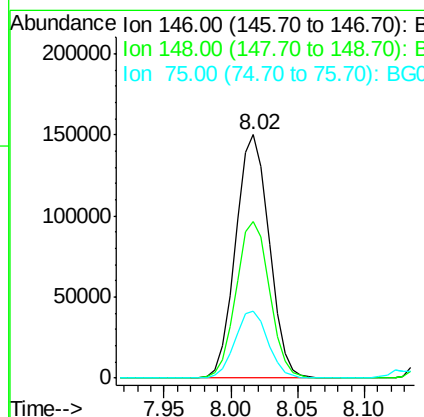
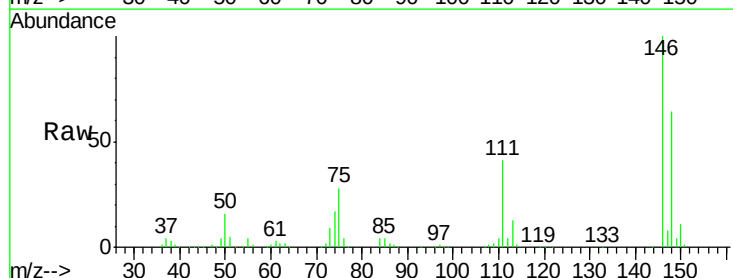
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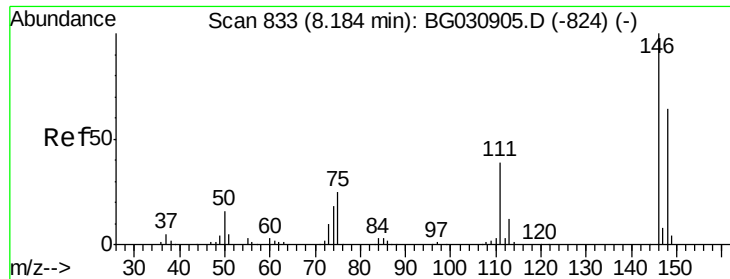
Sohil
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#12
1,3-Dichlorobenzene
Concen: 47.39 ng
RT: 8.02 min Scan# 805
Delta R.T. -0.02 min
Lab File: BG031356.D
Acq: 4 Dec 2017 21:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.4	77.2
75	27.7	26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 48.08 ng

RT: 8.16 min Scan# 830

Delta R.T. -0.02 min

Lab File: BG031356.D

Acq: 4 Dec 2017 21:08

Instrument :

BNA_G

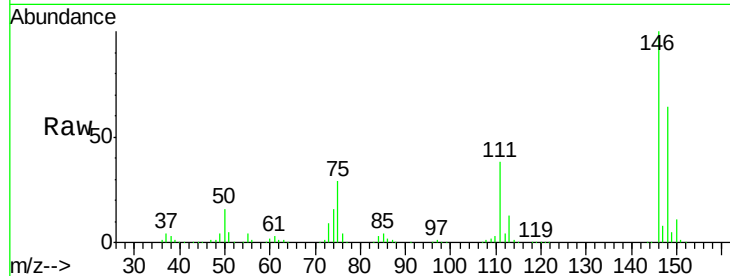
ClientSampleId :

SA-06-120117MS

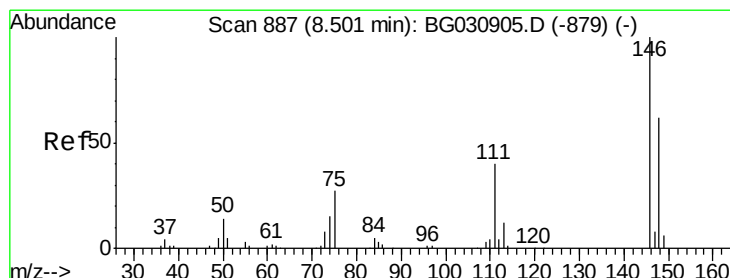
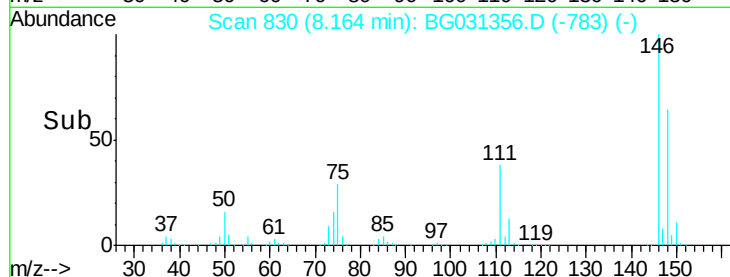
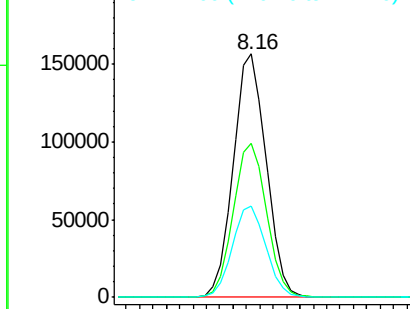
Tot Ion:	146	Resp:	268329
Ion Ratio	Lower	Upper	
146	100		
148	63.5	53.7	80.5
111	37.7	35.2	52.8

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



#14

1,2-Dichlorobenzene

Concen: 47.43 ng

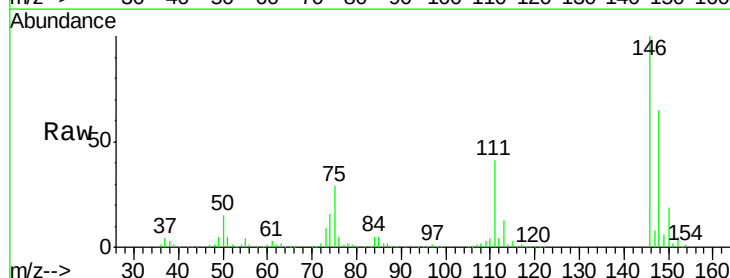
RT: 8.48 min Scan# 884

Delta R.T. -0.03 min

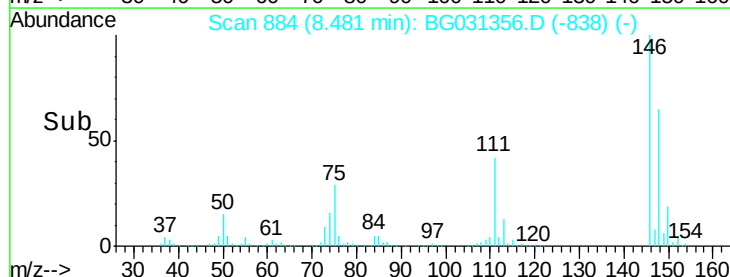
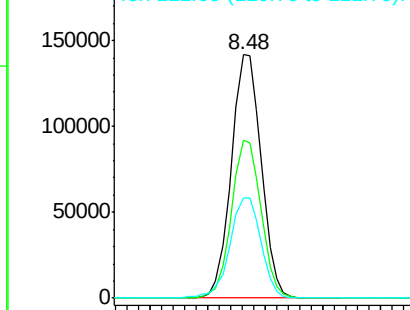
Lab File: BG031356.D

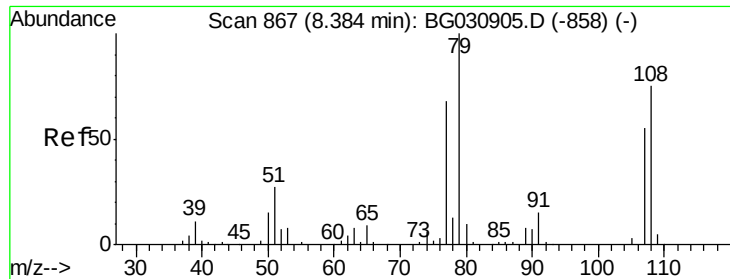
Acq: 4 Dec 2017 21:08

Tgt Ion:	146	Resp:	254041
Ion Ratio	Lower	Upper	
146	100		
148	64.7	49.3	73.9
111	41.4	34.3	51.5



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





#15

Benzyl Alcohol

Concen: 42.89 ng

RT: 8.37 min Scan# 865

Delta R.T. -0.02 min

Lab File: BG031356.D

Acq: 4 Dec 2017 21:08

Instrument :

BNA_G

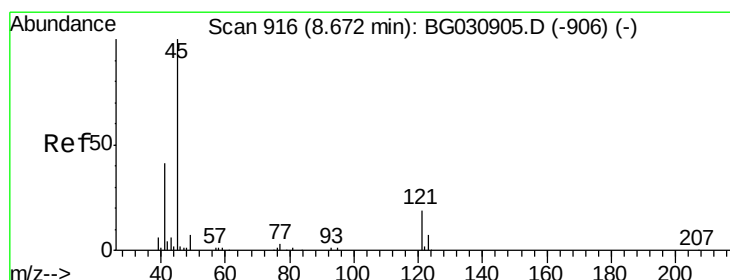
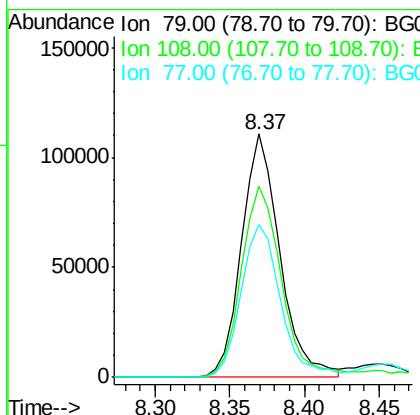
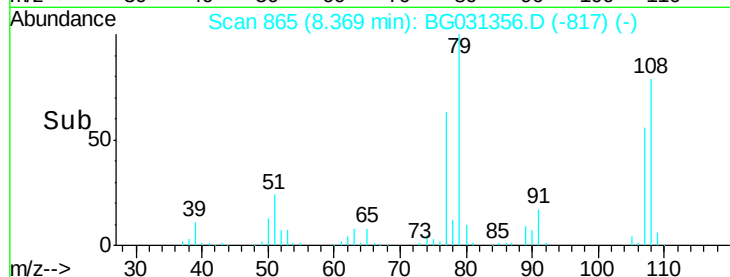
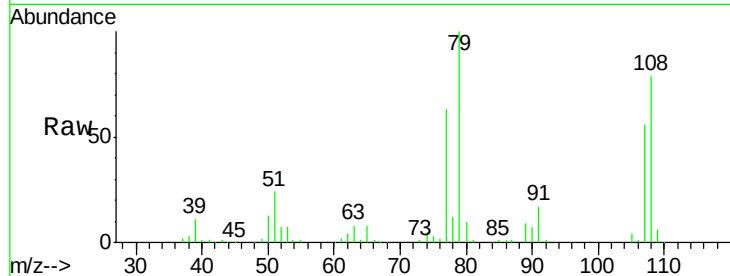
ClientSampleId :

SA-06-120117MS

Tot Ion:	79	Resp:	197148
Ion Ratio	Lower	Upper	
79	100		
108	78.6	57.2	85.8
77	62.8	46.1	69.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 61.64 ng

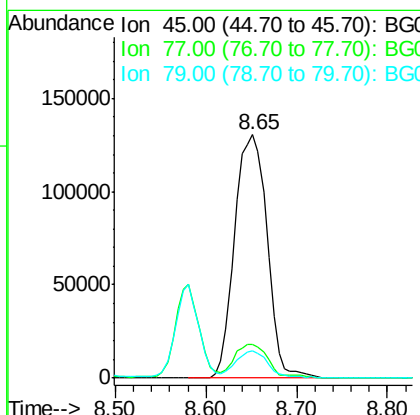
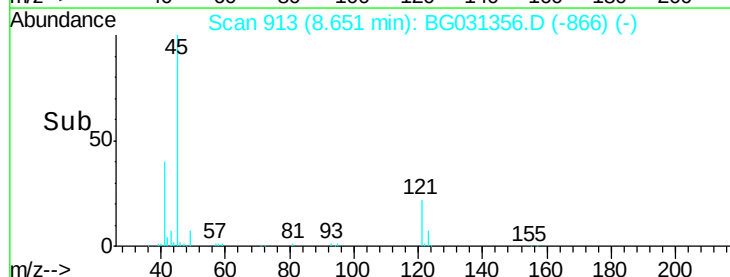
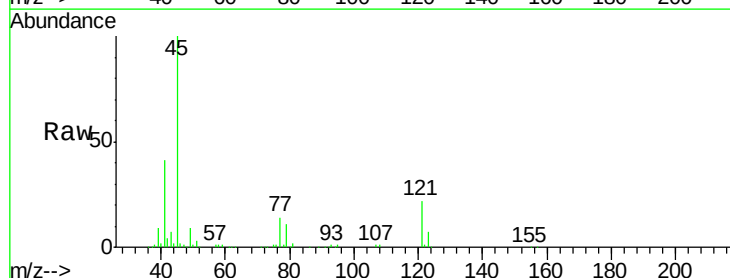
RT: 8.65 min Scan# 913

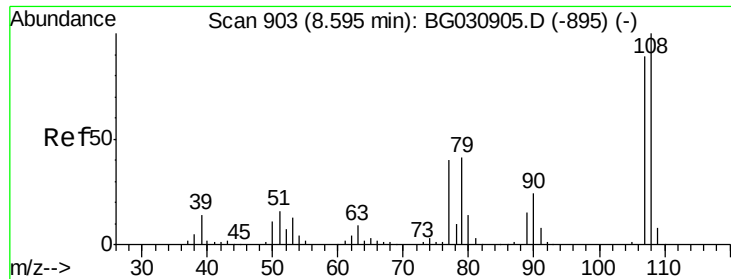
Delta R.T. -0.02 min

Lab File: BG031356.D

Acq: 4 Dec 2017 21:08

Tgt Ion:	45	Resp:	323512
Ion Ratio	Lower	Upper	
45	100		
77	14.1	0.0	30.2
79	11.3	0.0	27.9





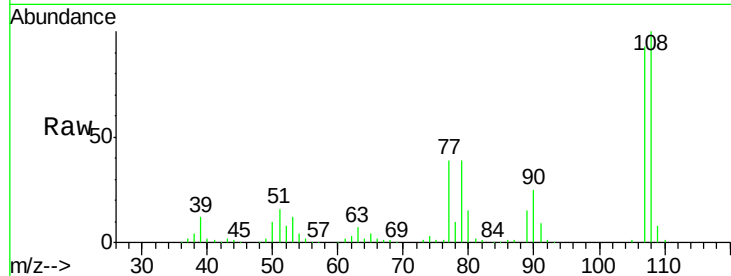
#17
2-Methylphenol
Concen: 49.47 ng
RT: 8.58 min Scan# 901
Delta R.T. -0.01 min
Lab File: BG031356.D
Acq: 4 Dec 2017 21:08

Instrument :
BNA_G
ClientSampleId :
SA-06-120117MS

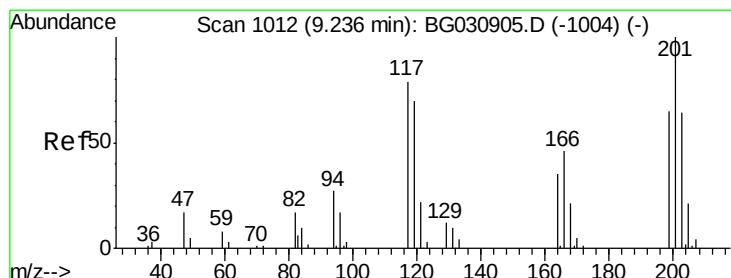
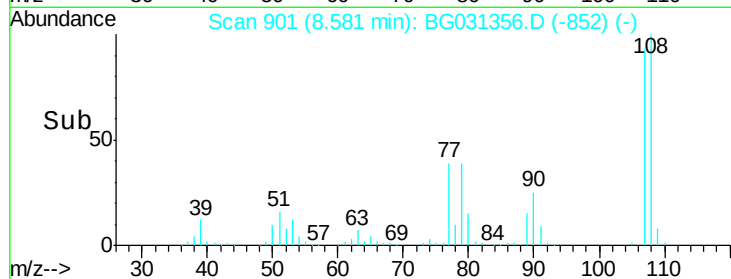
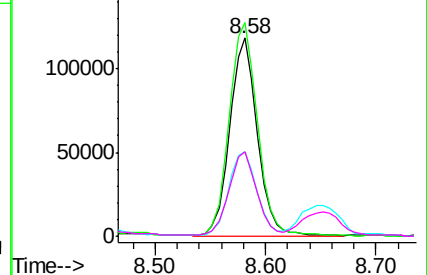
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.8	83.9	125.9	
77	42.5	37.2	55.8	
79	42.6	36.2	54.2	

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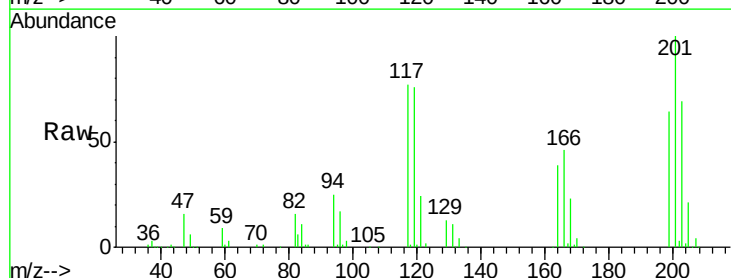


Abundance Ion 107.00 (106.70 to 107.70): E
200000
Ion 108.00 (107.70 to 108.70): E
150000
Ion 77.00 (76.70 to 77.70): BG
100000
Ion 79.00 (78.70 to 79.70): BG
50000
0

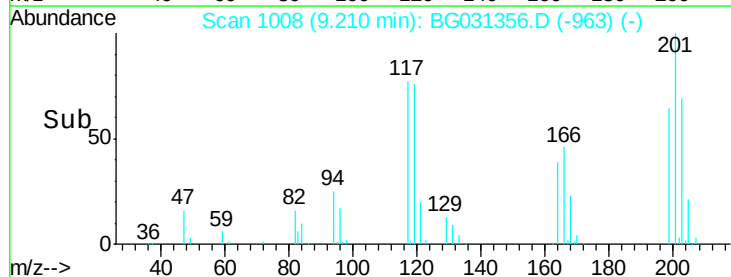
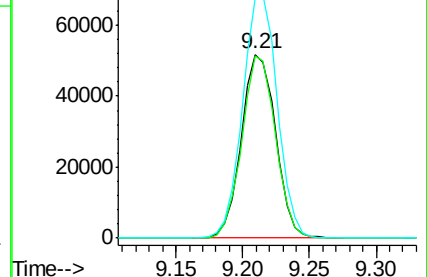


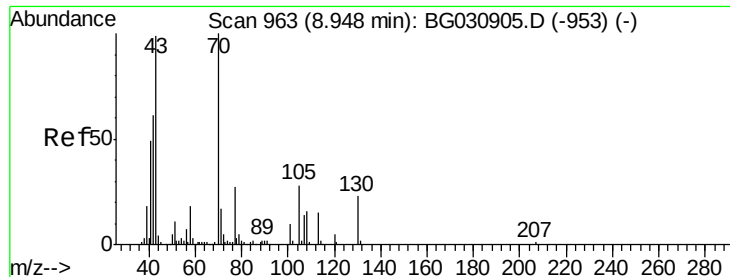
#18
Hexachloroethane
Concen: 47.20 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.04 min
Lab File: BG031356.D
Acq: 4 Dec 2017 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.3	76.7	115.1	
201	130.5	95.7	143.5	



Abundance Ion 117.00 (116.70 to 117.70): E
80000
Ion 119.00 (118.70 to 119.70): E
60000
Ion 201.00 (200.70 to 201.70): E
40000
20000
0





#19

n-Nitroso-di-n-propylamine

Concen: 41.50 ng

RT: 8.93 min Scan# 961

Delta R.T. -0.02 min

Lab File: BG031356.D

Acq: 4 Dec 2017 21:08

Instrument :

BNA_G

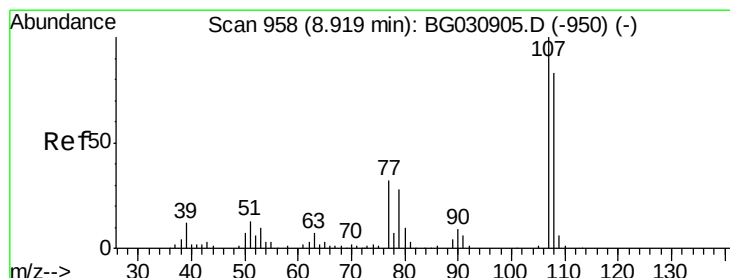
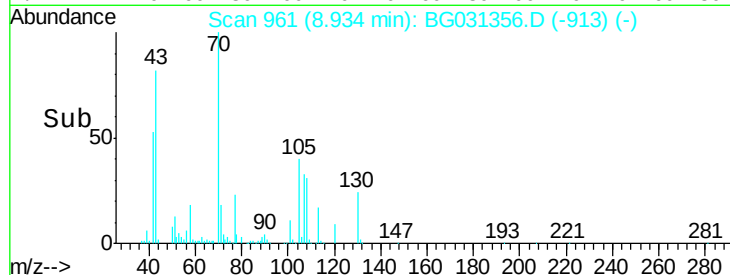
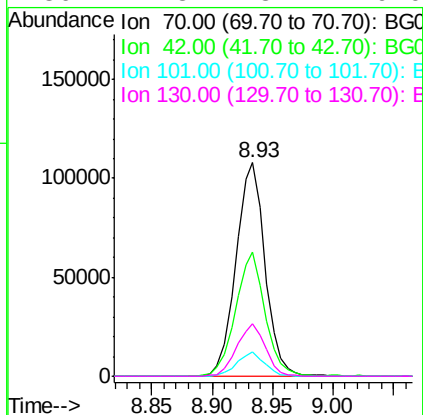
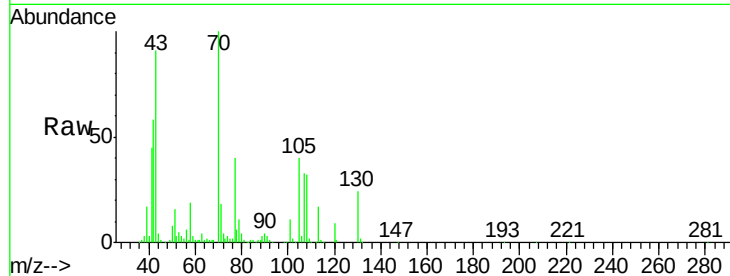
ClientSampleId :

SA-06-120117MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.1	49.1	73.7	
101	11.2	8.5	12.7	
130	24.3	13.4	20.0	

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#20

3+4-Methylphenols

Concen: 47.64 ng

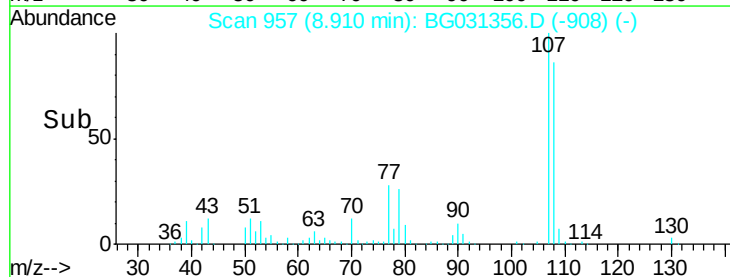
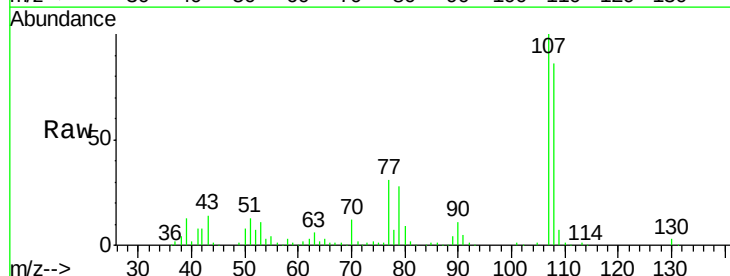
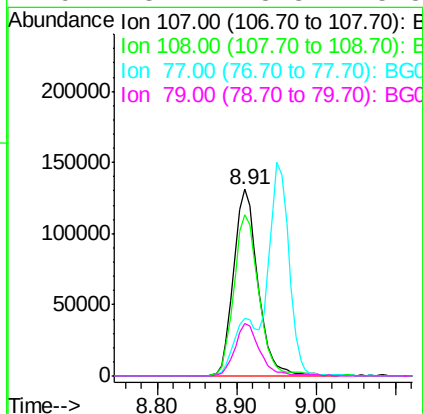
RT: 8.91 min Scan# 957

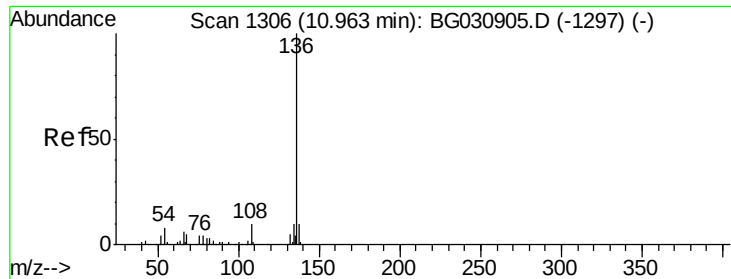
Delta R.T. -0.01 min

Lab File: BG031356.D

Acq: 4 Dec 2017 21:08

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.3	61.6	101.6	
77	31.1	13.9	53.9	
79	28.4	8.8	48.8	





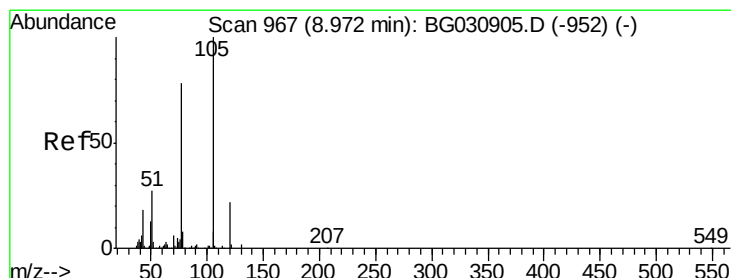
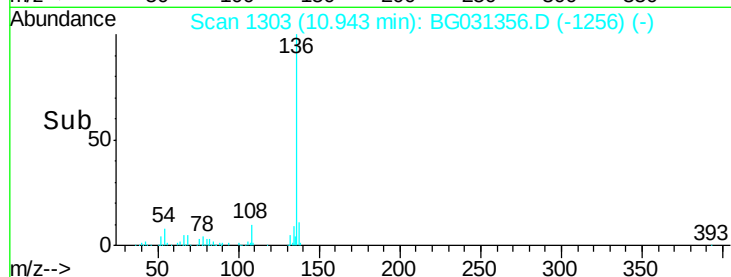
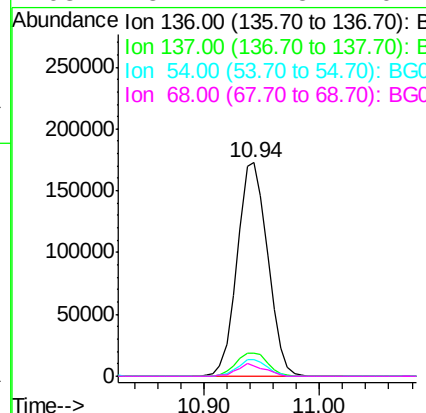
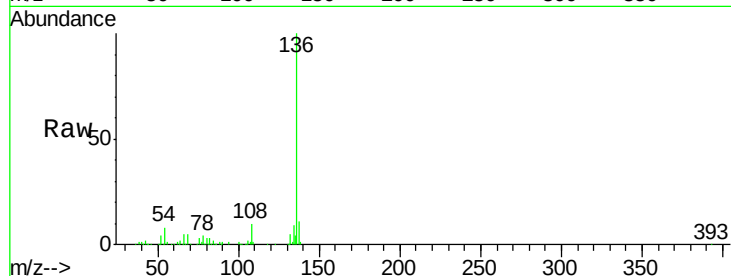
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BG031356.D
Acq: 4 Dec 2017 21:08

Instrument :
BNA_G
ClientSampleId :
SA-06-120117MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	9.2	13.8	
54	7.5	10.3	15.5	
68	5.1	4.5	6.7	

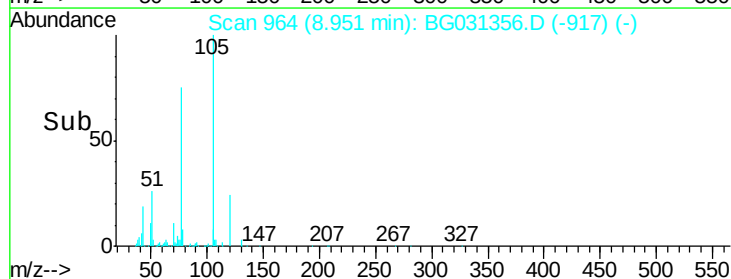
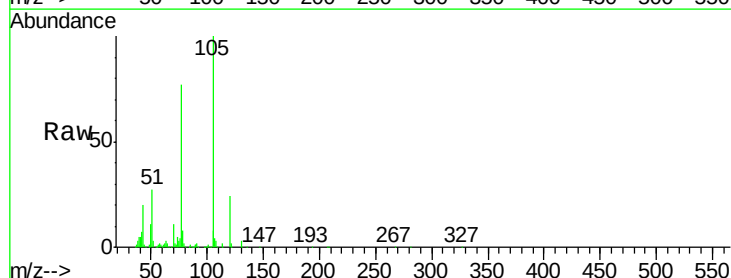
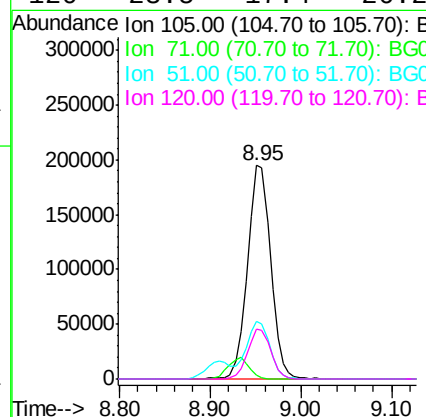
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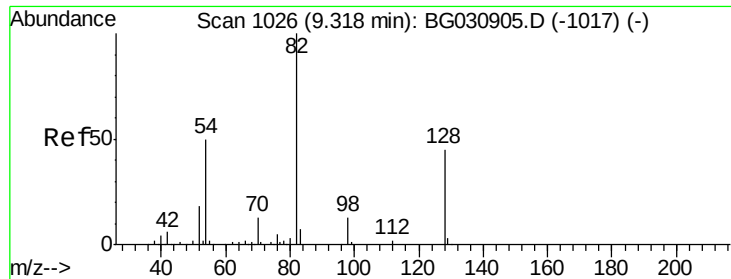
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#22
Acetophenone
Concen: 44.16 ng
RT: 8.95 min Scan# 964
Delta R.T. -0.02 min
Lab File: BG031356.D
Acq: 4 Dec 2017 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.7	3.0	4.4	
51	26.7	26.1	39.1	
120	23.5	17.4	26.2	





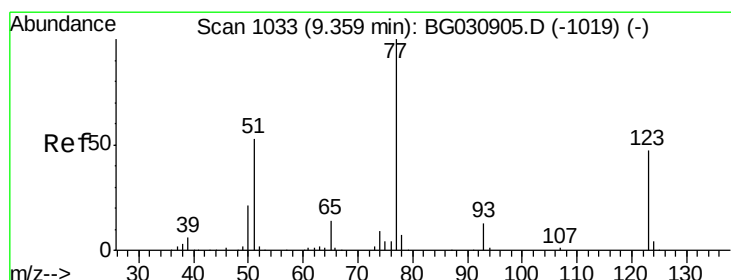
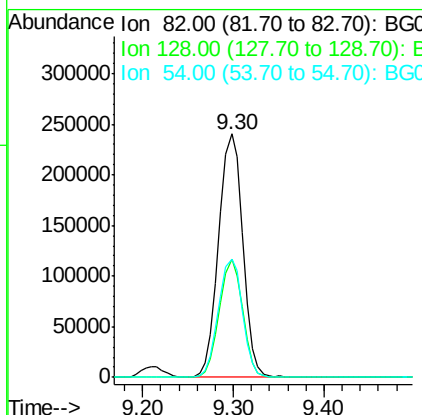
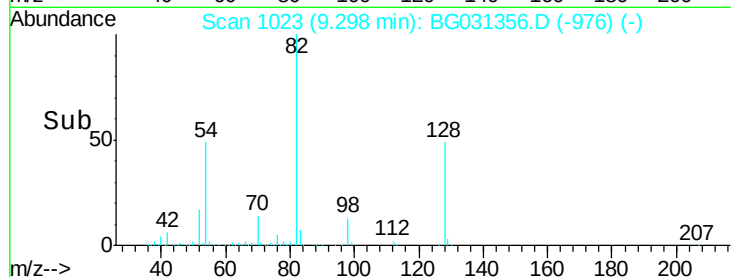
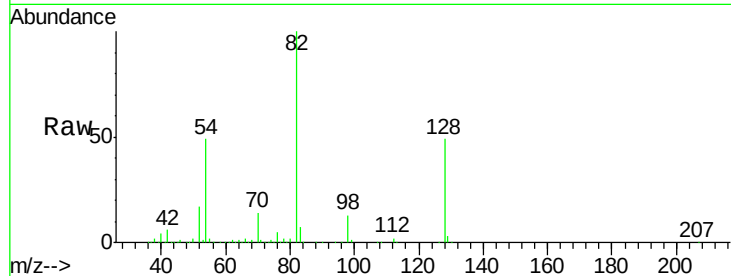
#23
 Nitrobenzene-d5
 Concen: 83.39 ng
 RT: 9.30 min Scan# 1023
 Delta R.T. -0.02 min
 Lab File: BG031356.D
 Acq: 4 Dec 2017 21:08

Instrument :
 BNA_G
 ClientSampleId :
 SA-06-120117MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.6	29.7	44.5#
54	48.5	43.1	64.7

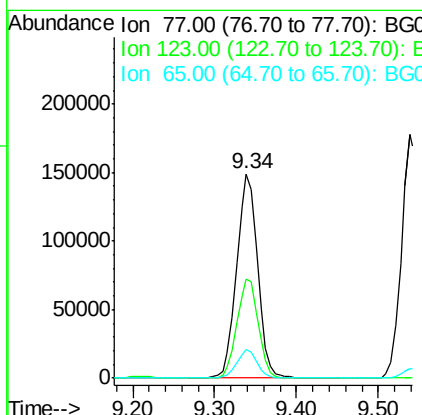
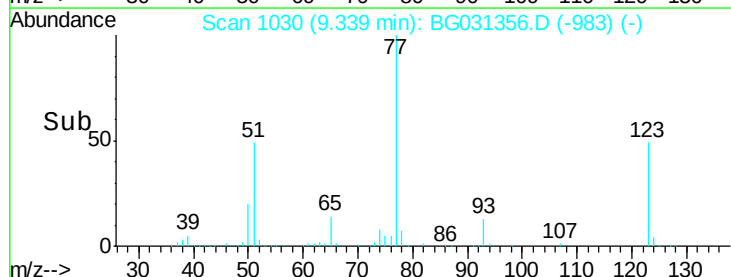
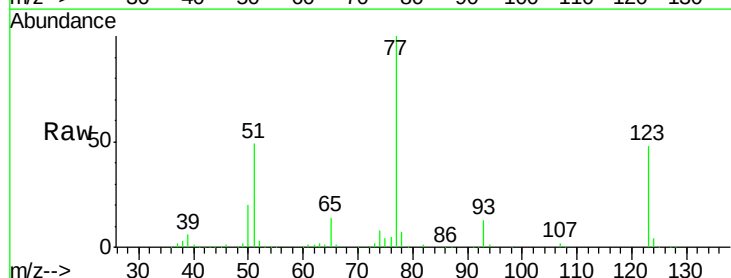
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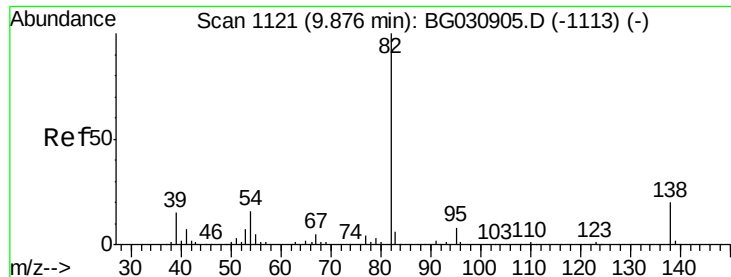
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#24
 Nitrobenzene
 Concen: 49.03 ng
 RT: 9.34 min Scan# 1030
 Delta R.T. -0.02 min
 Lab File: BG031356.D
 Acq: 4 Dec 2017 21:08

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.4	33.0	49.6
65	13.7	13.0	19.6





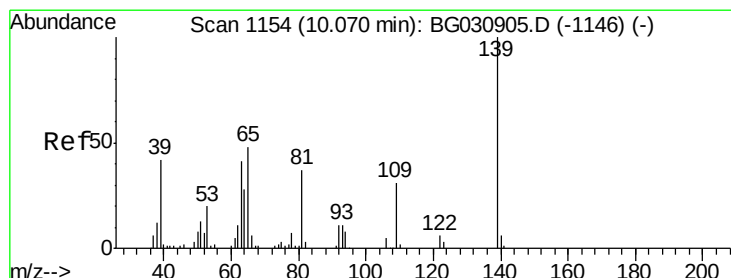
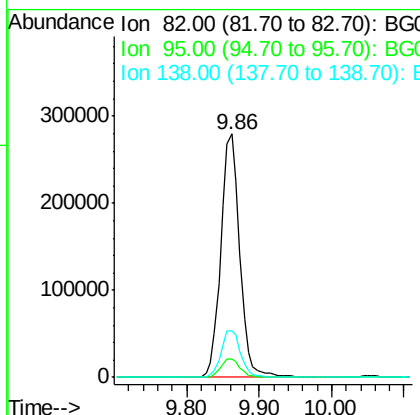
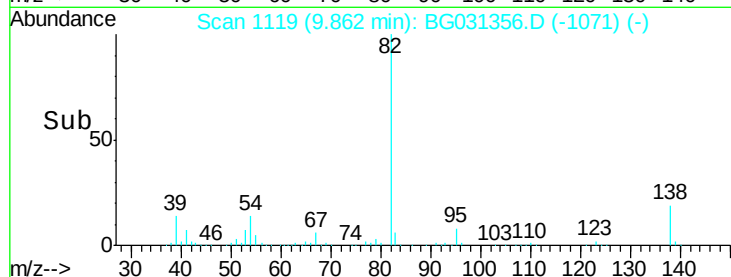
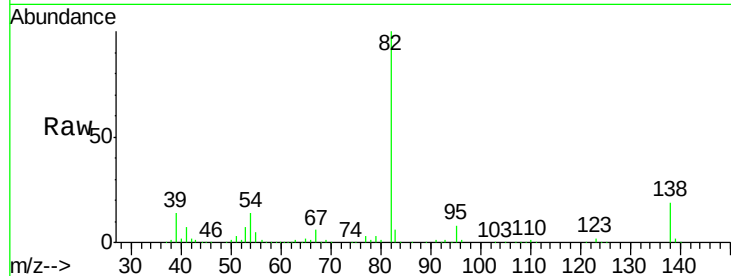
#25
Isophorone
Concen: 48.84 ng
RT: 9.86 min Scan# 1119
Delta R.T. -0.02 min
Lab File: BG031356.D
Acq: 4 Dec 2017 21:08

Instrument :
BNA_G
ClientSampleId :
SA-06-120117MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	507491		
95	7.6		6.2	9.2
138	19.3		12.1	18.1

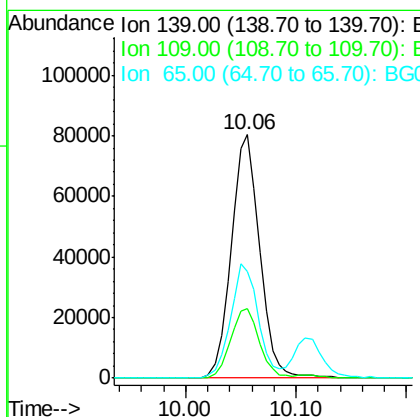
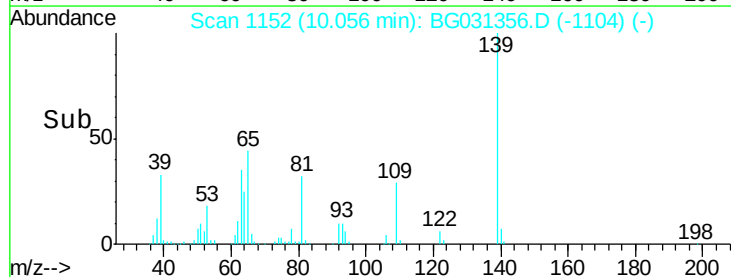
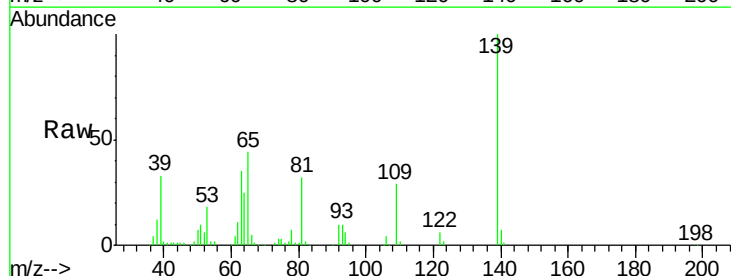
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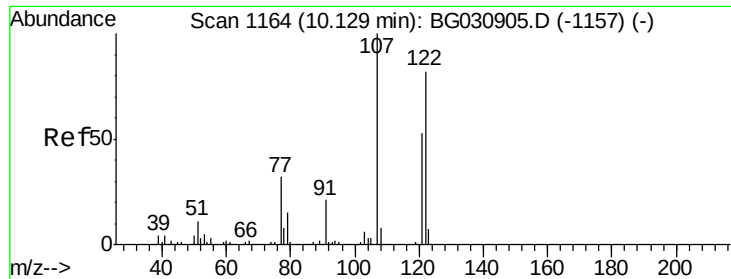
Sohil
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#26
2-Nitrophenol
Concen: 51.23 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BG031356.D
Acq: 4 Dec 2017 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	145350		
109	28.6		24.2	36.2
65	43.6		47.4	71.0





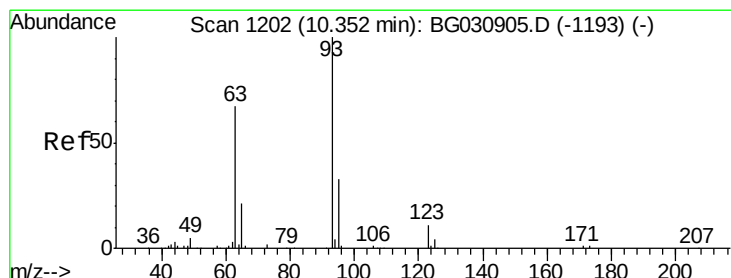
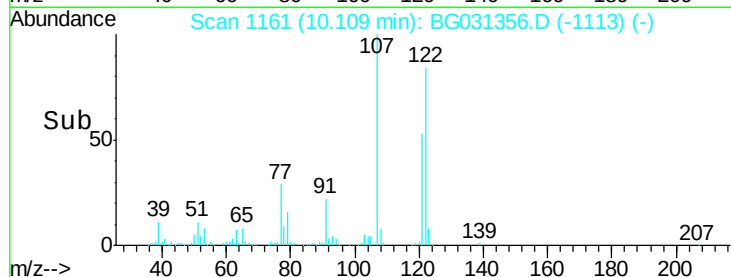
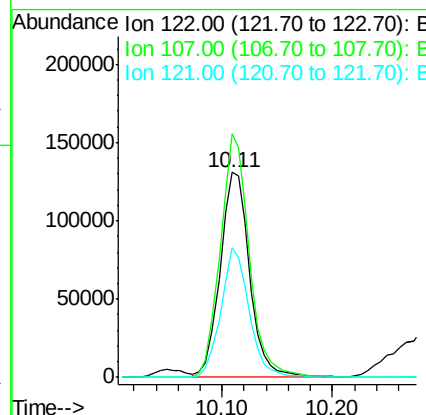
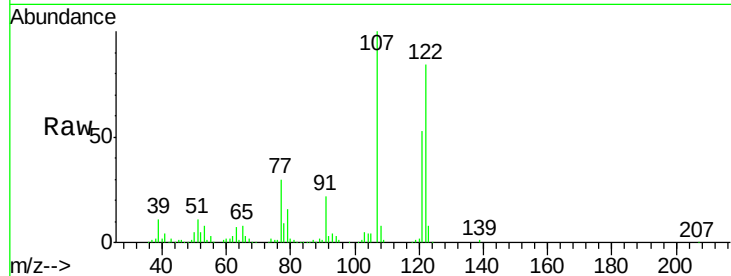
#27
 2,4-Dimethylphenol
 Concen: 56.99 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.02 min
 Lab File: BG031356.D
 Acq: 4 Dec 2017 21:08

Instrument :
 BNA_G
 ClientSampleId :
 SA-06-120117MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.9	100.2	150.2
121	63.4	44.4	66.6

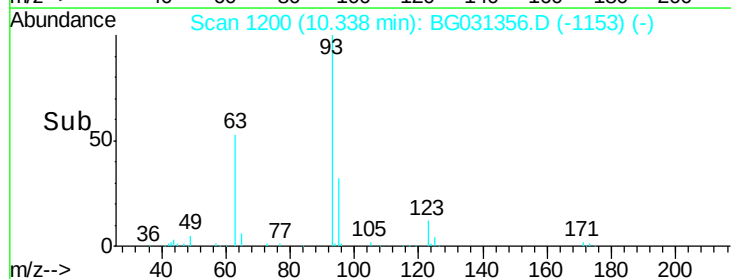
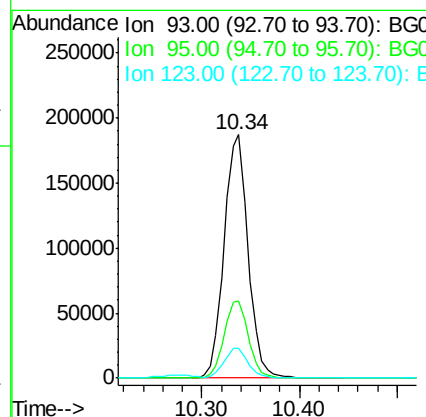
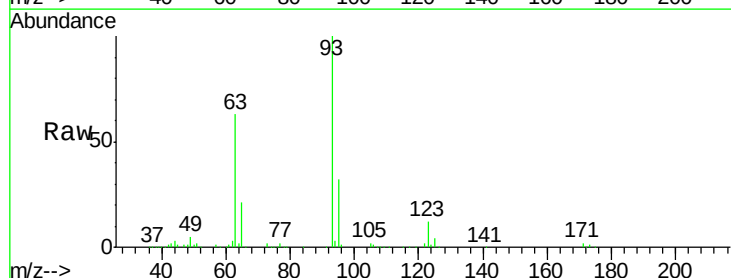
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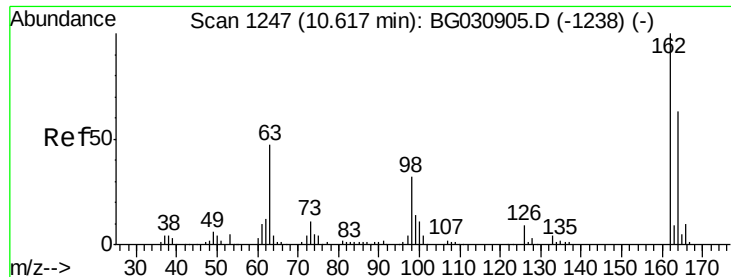
Sohil
 12/5/2017 3:26:46 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.40 ng
 RT: 10.34 min Scan# 1200
 Delta R.T. -0.02 min
 Lab File: BG031356.D
 Acq: 4 Dec 2017 21:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.5	24.3	36.5
123	12.1	8.4	12.6





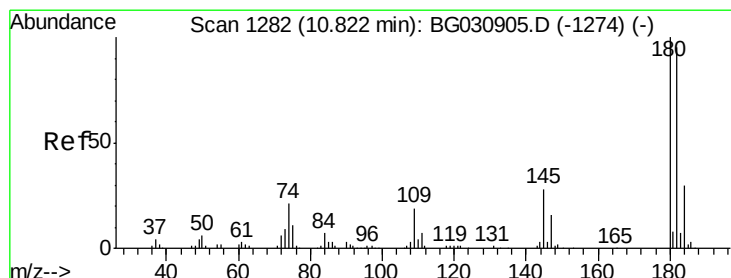
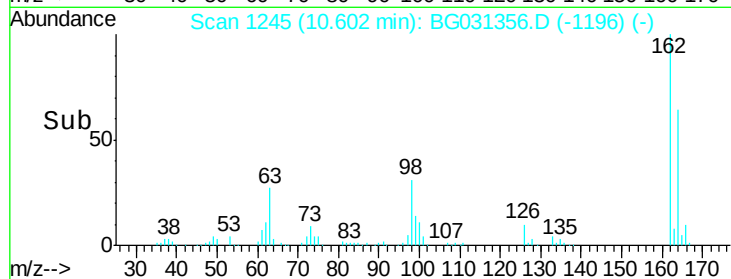
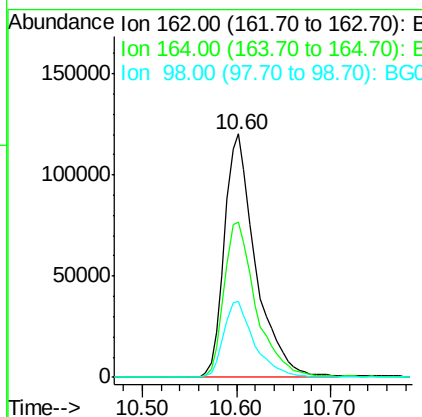
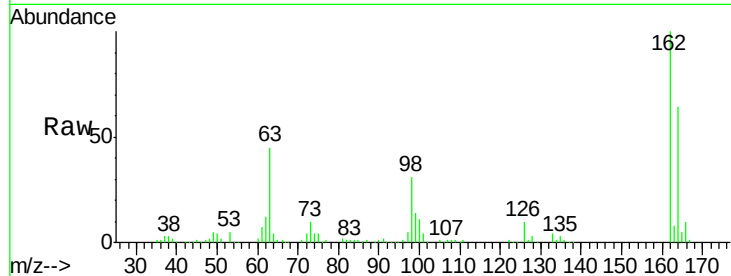
#29
 2,4-Dichlorophenol
 Concen: 54.90 ng
 RT: 10.60 min Scan# 1245
 Delta R.T. -0.01 min
 Lab File: BG031356.D
 Acq: 4 Dec 2017 21:08

Instrument :
 BNA_G
 ClientSampleId :
 SA-06-120117MS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.7	48.0	88.0
98	31.3	21.1	61.1

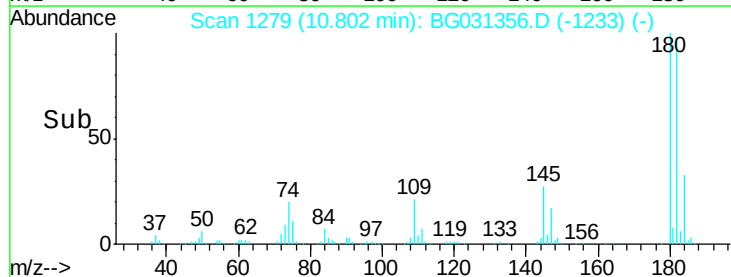
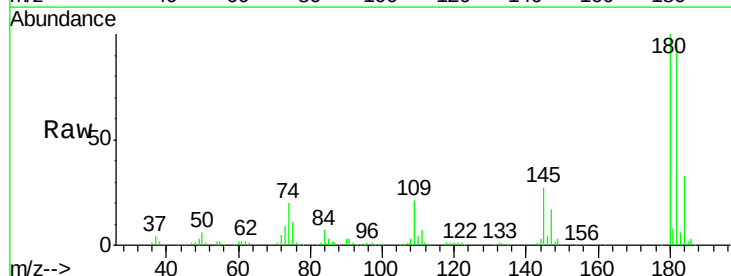
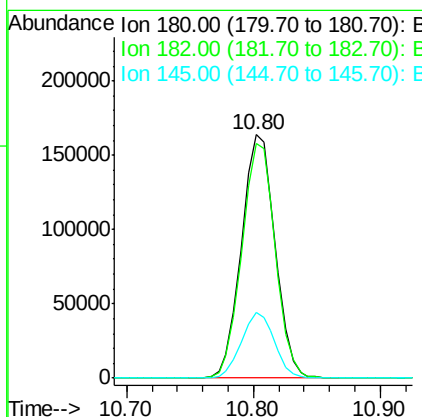
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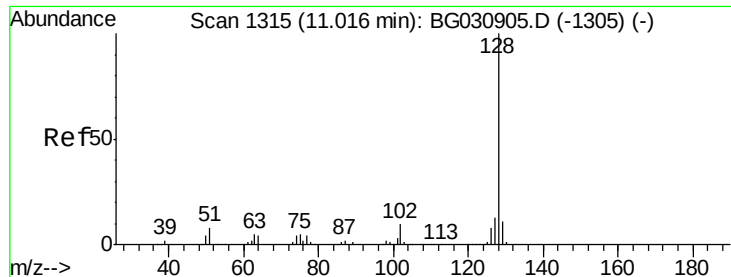
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#30
 1,2,4-Trichlorobenzene
 Concen: 49.83 ng
 RT: 10.80 min Scan# 1279
 Delta R.T. -0.03 min
 Lab File: BG031356.D
 Acq: 4 Dec 2017 21:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.4	77.5	116.3
145	26.8	23.4	35.2





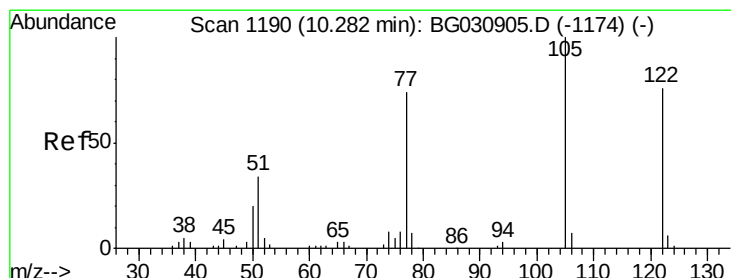
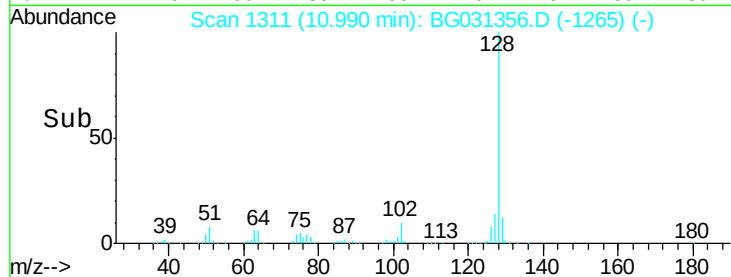
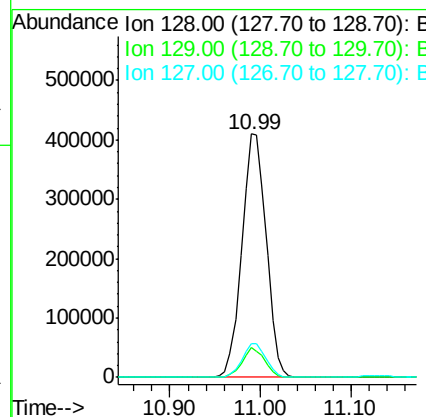
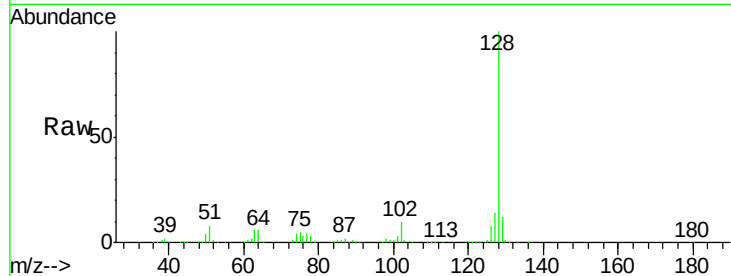
#31
Naphthalene
Concen: 49.34 ng
RT: 10.99 min Scan# 1311
Delta R.T. -0.03 min
Lab File: BG031356.D
Acq: 4 Dec 2017 21:08

Instrument :
BNA_G
ClientSampleId :
SA-06-120117MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	765837		
129	12.2		8.6	12.8
127	13.9		11.6	17.4

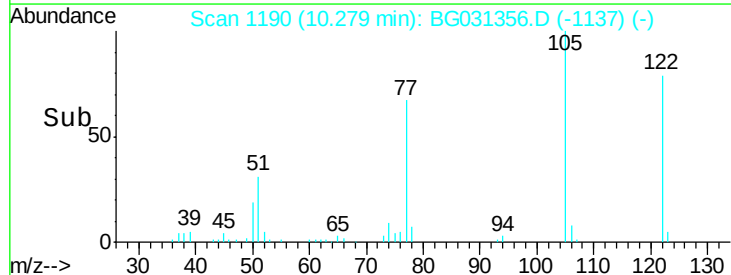
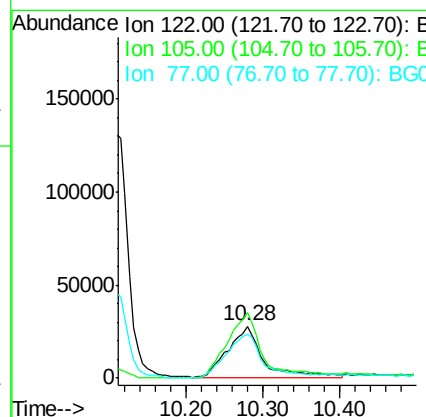
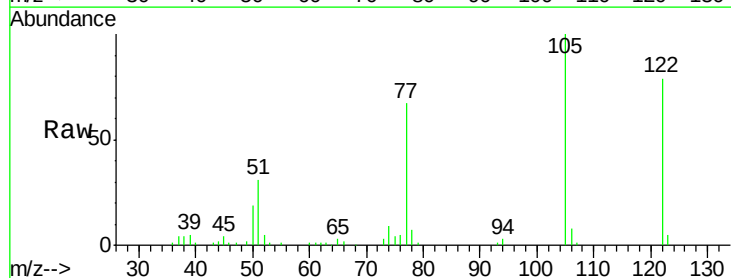
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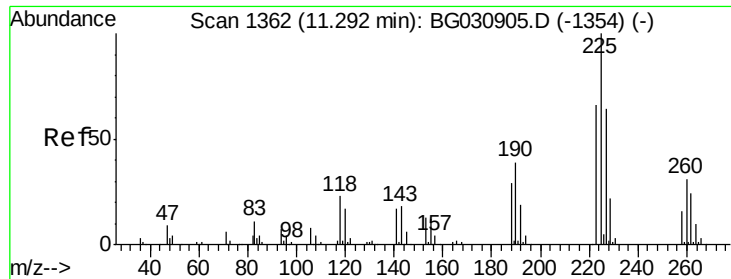
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#32
Benzoic acid
Concen: 27.10 ng
RT: 10.28 min Scan# 1190
Delta R.T. 0.01 min
Lab File: BG031356.D
Acq: 4 Dec 2017 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	85274		
105	127.0		123.5	163.5
77	84.8		85.7	125.7#





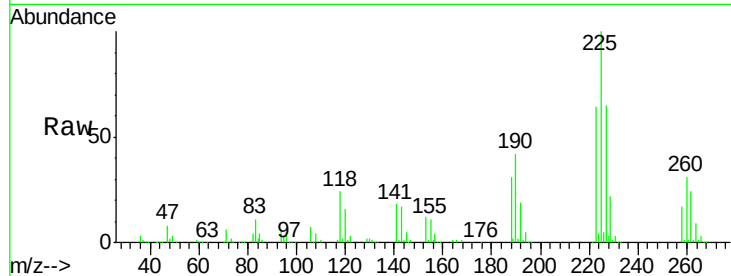
#34
Hexachlorobutadiene
Concen: 46.06 ng
RT: 11.27 min Scan# 1359
Delta R.T. -0.03 min
Lab File: BG031356.D
Acq: 4 Dec 2017 21:08

Instrument :
BNA_G
ClientSampleId :
SA-06-120117MS

Tot Ion	Ratio	Resp	Lower	Upper
225	100	192871		
223	64.2	49.7	74.5	
227	65.1	48.1	72.1	

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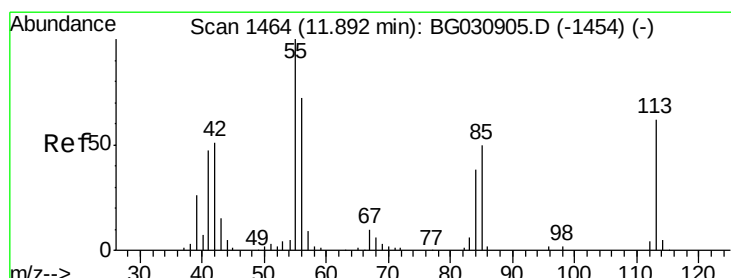
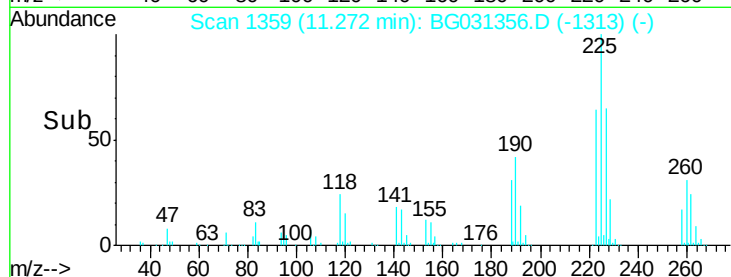
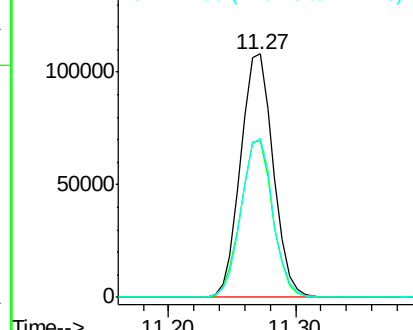


Abundance

Ion 225.00 (224.70 to 225.70): E

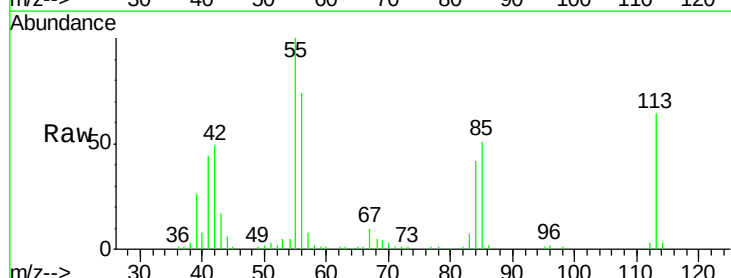
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35
Caprolactam
Concen: 37.38 ng m
RT: 11.89 min Scan# 1464
Delta R.T. -0.00 min
Lab File: BG031356.D
Acq: 4 Dec 2017 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	77221		
55	155.7	186.9	226.9#	
56	115.0	130.9	170.9#	

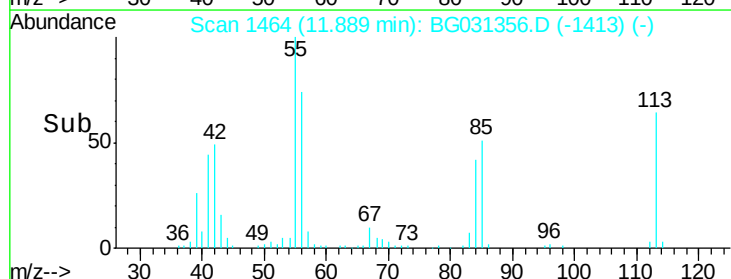
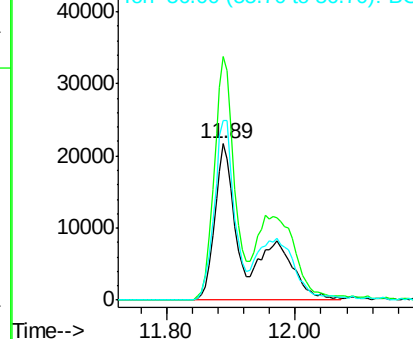


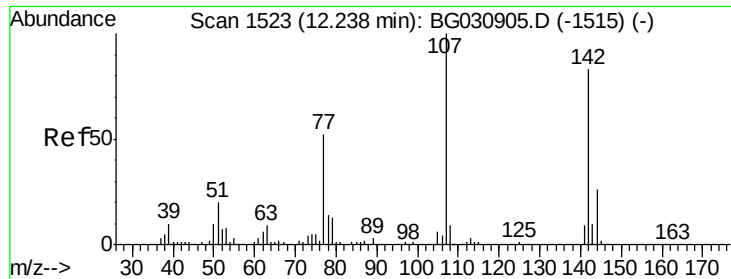
Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG





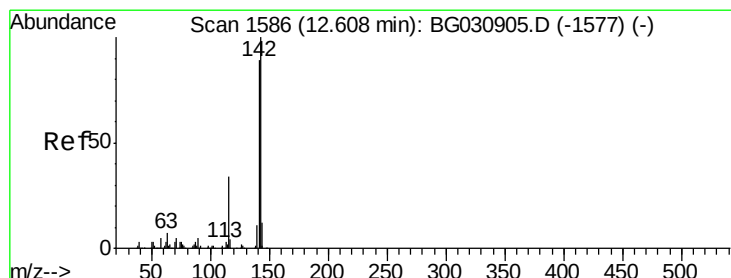
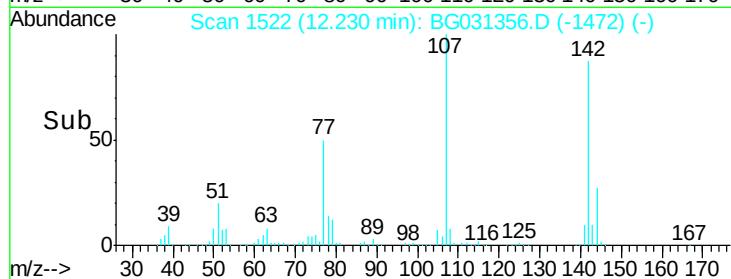
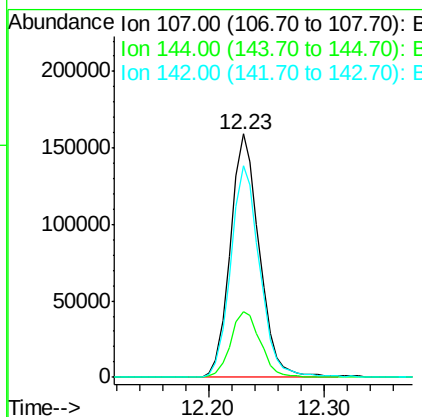
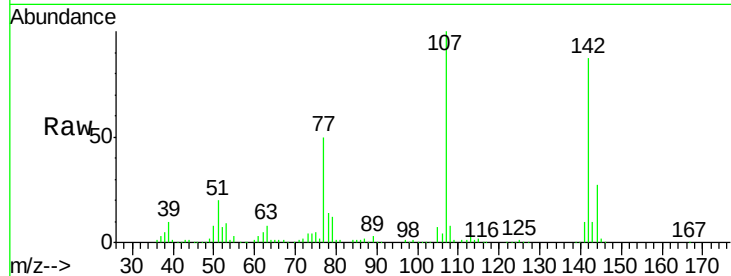
#36
4-Chloro-3-methylphenol
Concen: 50.27 ng
RT: 12.23 min Scan# 1522
Delta R.T. -0.01 min
Lab File: BG031356.D
Acq: 4 Dec 2017 21:08

Instrument :
BNA_G
ClientSampleId :
SA-06-120117MS

Tot Ion	Ratio	Lower	Upper
107	100		
144	26.9	18.2	27.4
142	87.1	59.0	88.4

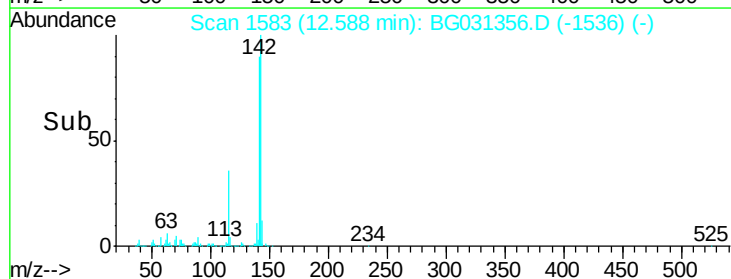
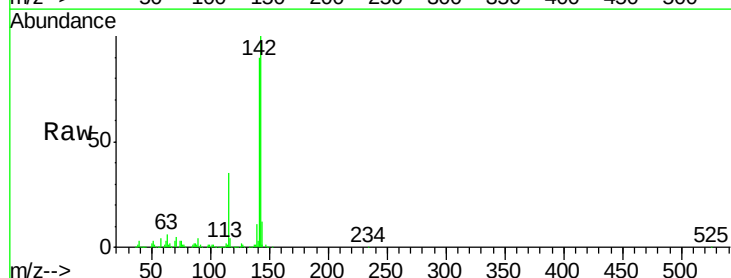
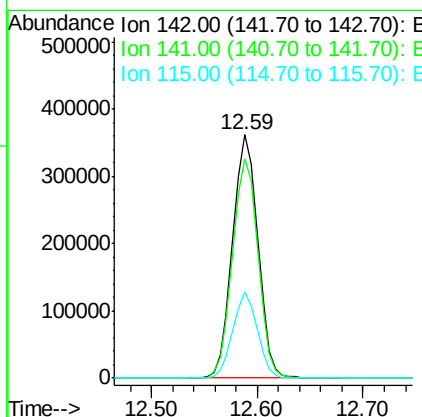
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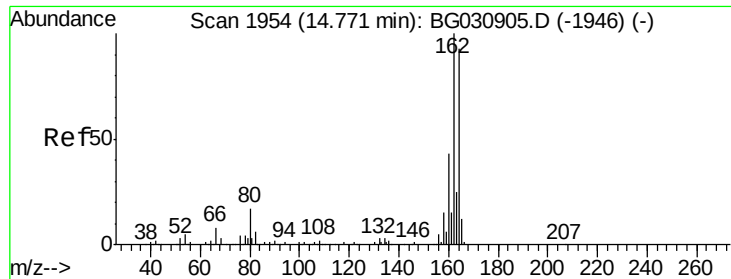
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#37
2-Methylnaphthalene
Concen: 49.98 ng
RT: 12.59 min Scan# 1583
Delta R.T. -0.02 min
Lab File: BG031356.D
Acq: 4 Dec 2017 21:08

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.0	67.1	100.7
115	35.4	30.7	46.1





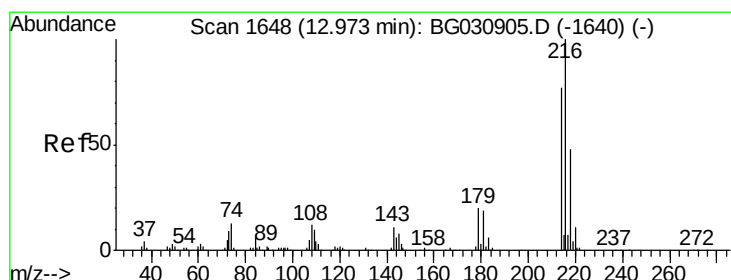
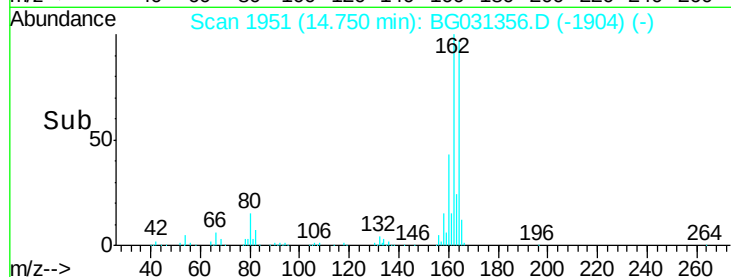
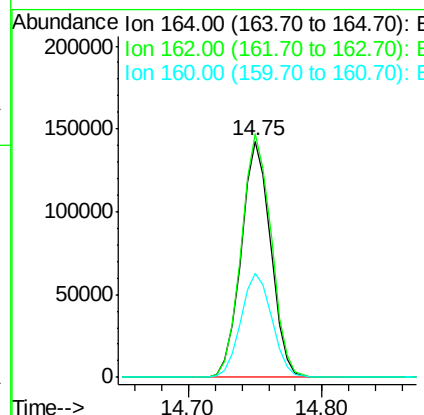
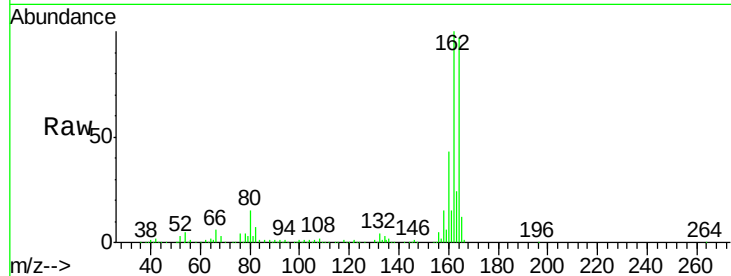
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.02 min
Lab File: BG031356.D
Acq: 4 Dec 2017 21:08

Instrument :
BNA_G
ClientSampleId :
SA-06-120117MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.2	78.8	118.2
160	44.3	35.4	53.0

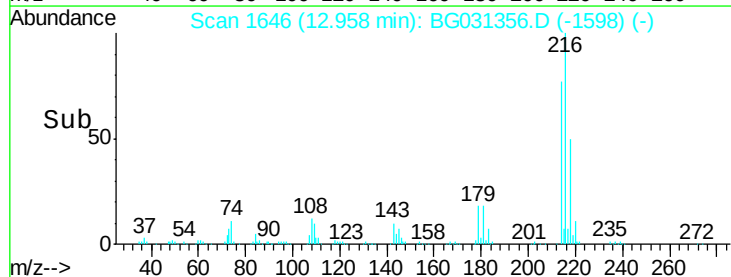
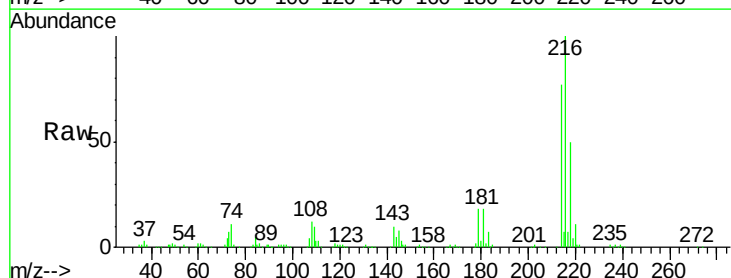
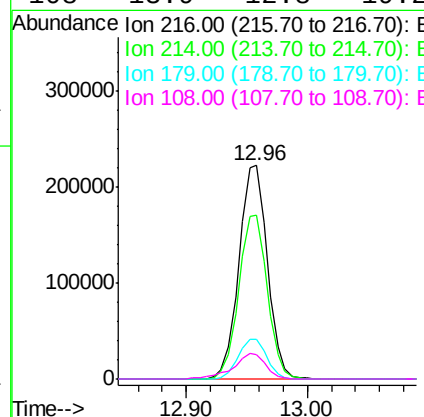
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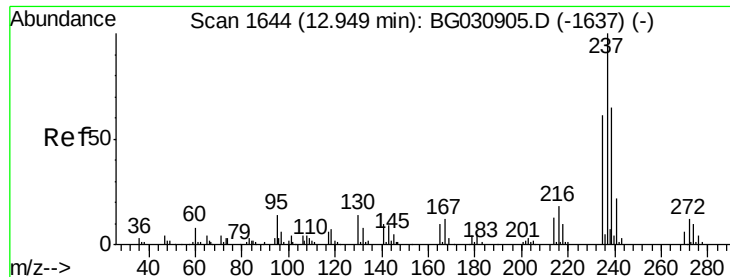
Sohil
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 42.43 ng
RT: 12.96 min Scan# 1646
Delta R.T. -0.02 min
Lab File: BG031356.D
Acq: 4 Dec 2017 21:08

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.1	63.0	94.4
179	18.6	17.0	25.6
108	13.9	12.8	19.2





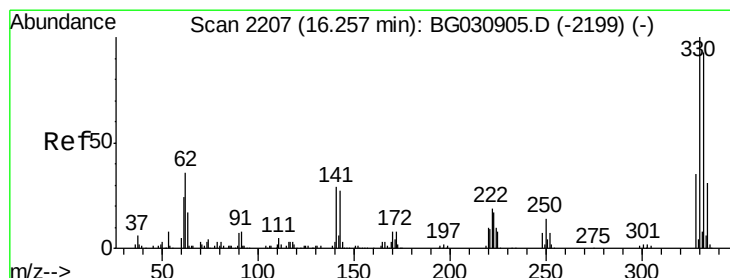
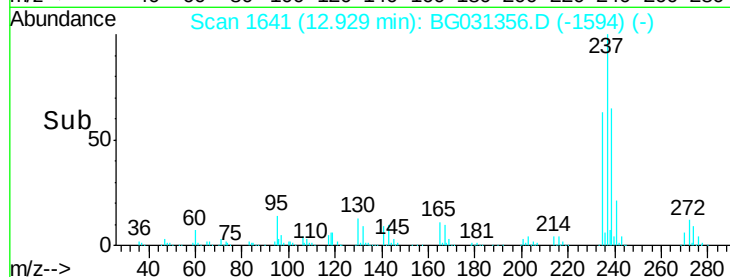
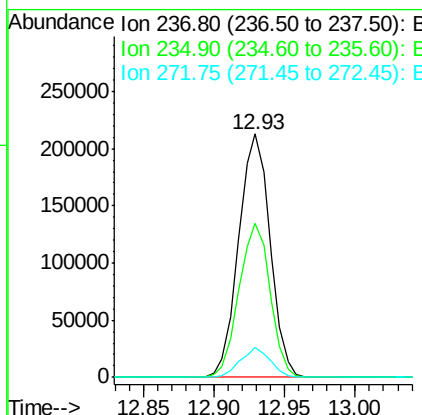
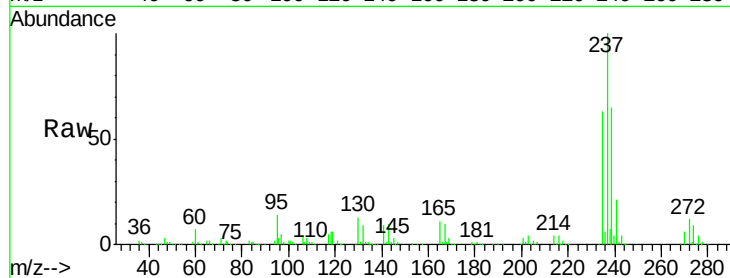
#40
Hexachlorocyclopentadiene
Concen: 100.89 ng
RT: 12.93 min Scan# 1641
Delta R.T. -0.02 min
Lab File: BG031356.D
Acq: 4 Dec 2017 21:08

Instrument :
BNA_G
ClientSampleId :
SA-06-120117MS

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	63.4	50.4	90.4	
272	12.5	0.0	31.8	

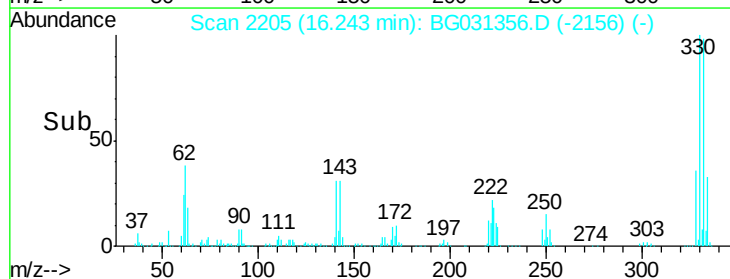
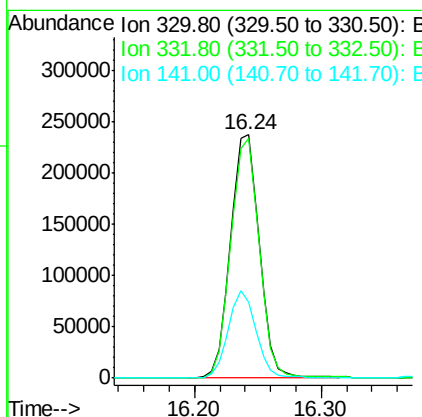
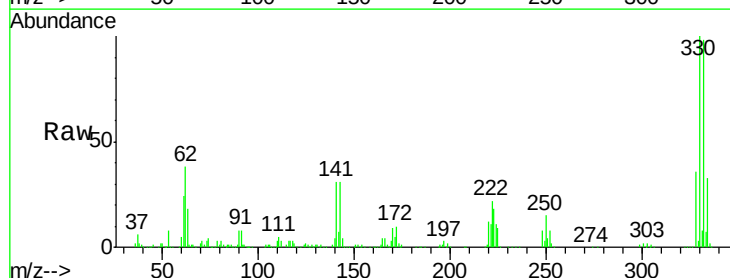
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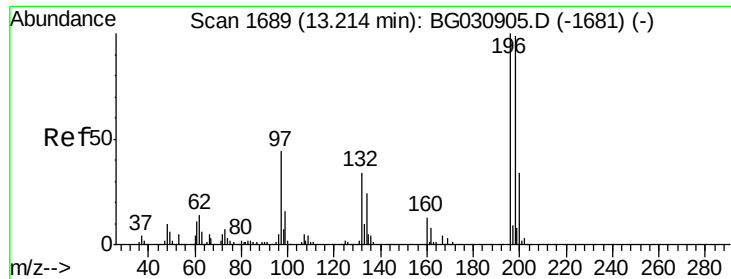
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#41
2,4,6-Tribromophenol
Concen: 106.21 ng
RT: 16.24 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BG031356.D
Acq: 4 Dec 2017 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.6	77.0	115.6	
141	34.8	25.2	37.8	





#42

2,4,6-Trichlorophenol

Concen: 51.81 ng

RT: 13.20 min Scan# 1687

Delta R.T. -0.01 min

Lab File: BG031356.D

Acq: 4 Dec 2017 21:08

Instrument :

BNA_G

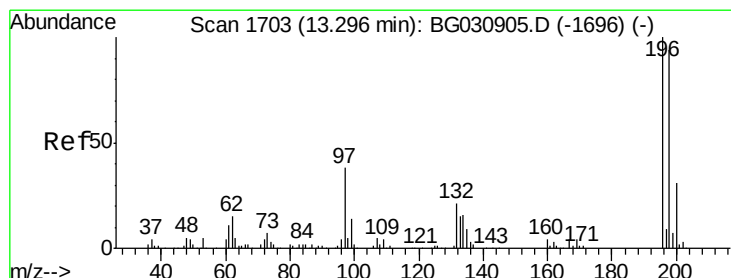
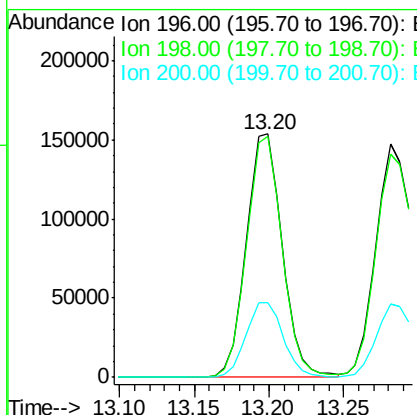
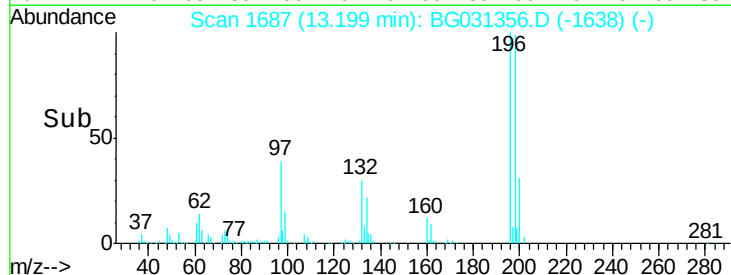
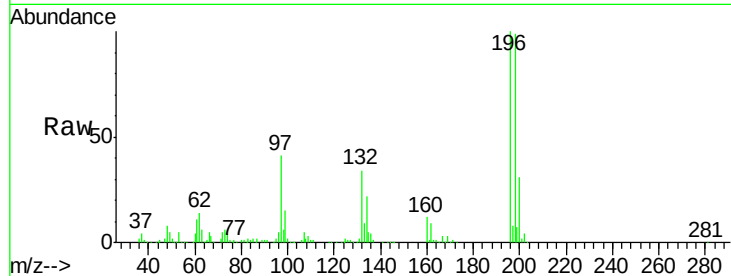
ClientSampleId :

SA-06-120117MS

Tot Ion:	196	Resp:	254839
Ion Ratio		Lower	Upper
196	100		
198	98.8	78.2	117.2
200	30.8	24.6	36.8

Manual Integrations
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#43

2,4,5-Trichlorophenol

Concen: 50.81 ng

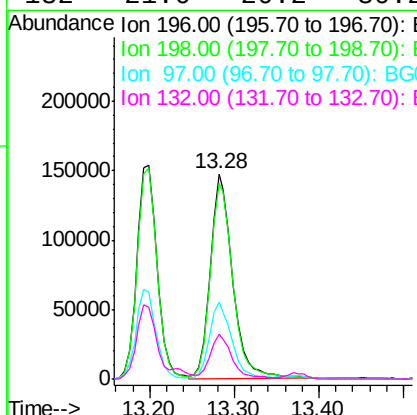
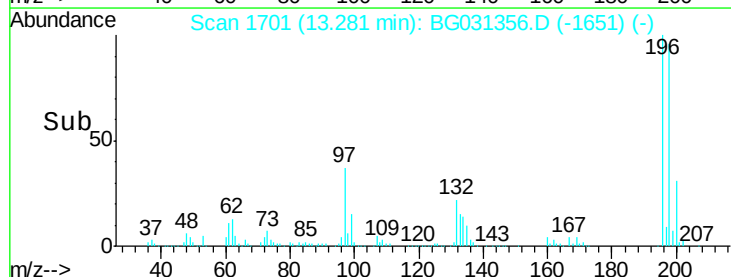
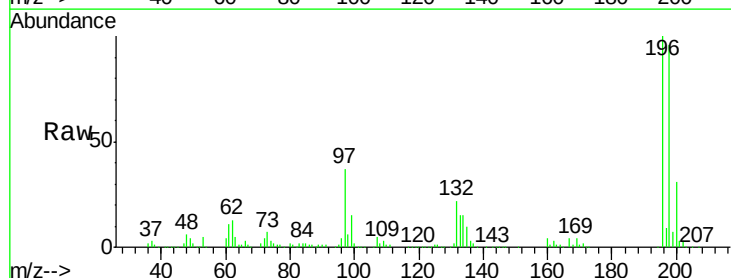
RT: 13.28 min Scan# 1701

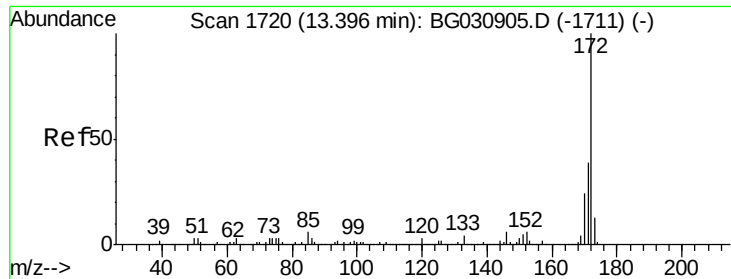
Delta R.T. -0.01 min

Lab File: BG031356.D

Acq: 4 Dec 2017 21:08

Tgt Ion:	196	Resp:	273439
Ion Ratio		Lower	Upper
196	100		
198	95.6	76.2	114.4
97	37.5	38.7	58.1#
132	21.6	20.2	30.2





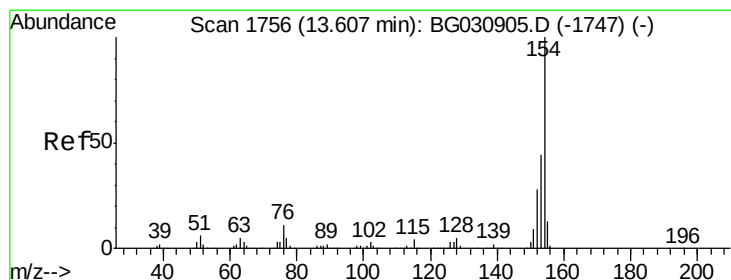
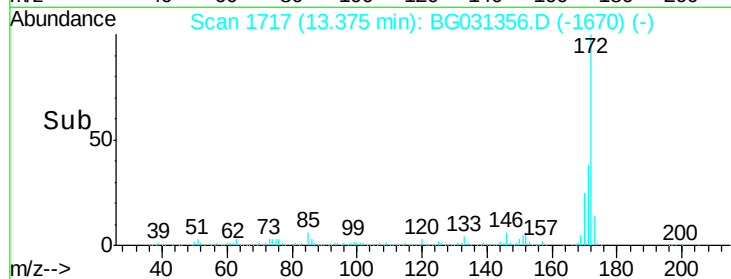
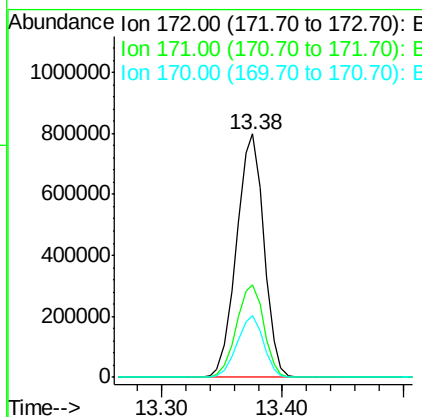
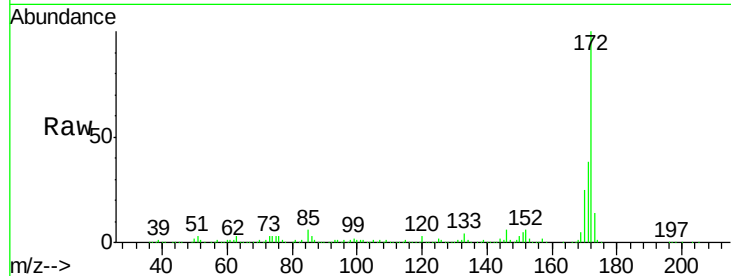
#44
2-Fluorobiphenyl
Concen: 83.55 ng
RT: 13.38 min Scan# 1717
Delta R.T. -0.02 min
Lab File: BG031356.D
Acq: 4 Dec 2017 21:08

Instrument :
BNA_G
ClientSampleId :
SA-06-120117MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.0	45.0
170	25.2	19.5	29.3

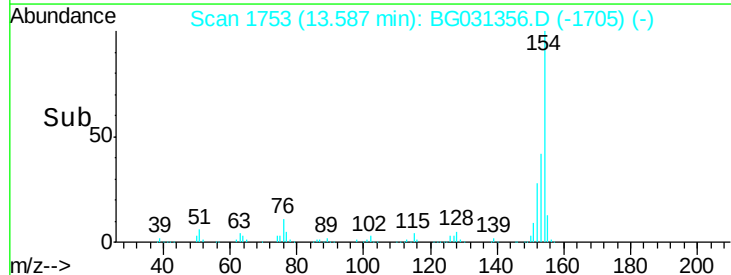
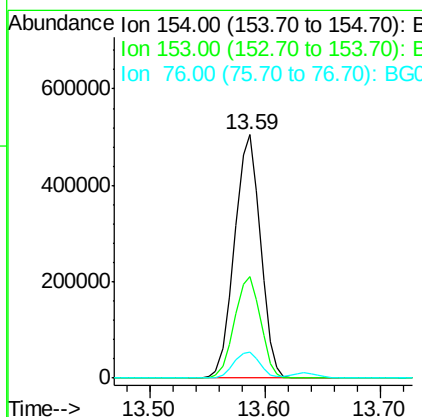
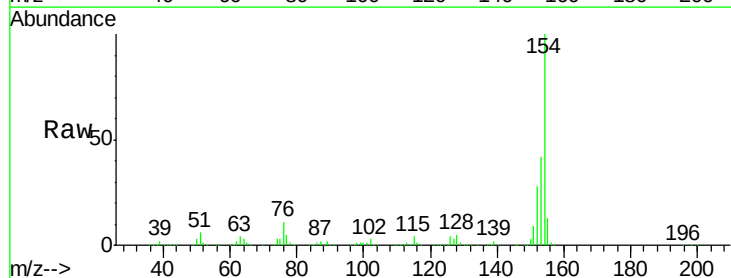
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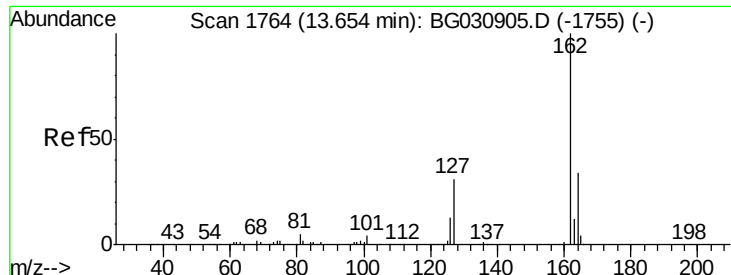
Sohil
12/5/2017 3:26:46 PM



#45
1,1'-Biphenyl
Concen: 43.68 ng
RT: 13.59 min Scan# 1753
Delta R.T. -0.02 min
Lab File: BG031356.D
Acq: 4 Dec 2017 21:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	19.8	59.8
76	10.9	0.0	31.9





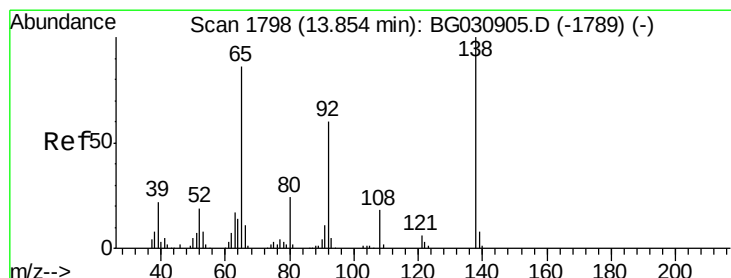
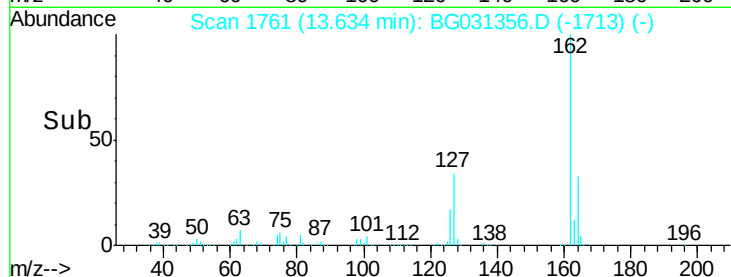
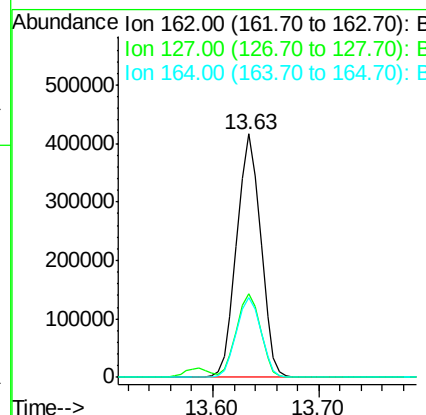
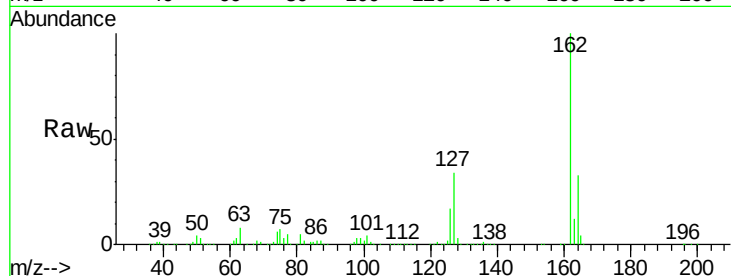
#46
2-Chloronaphthalene
Concen: 50.51 ng
RT: 13.63 min Scan# 1761
Delta R.T. -0.02 min
Lab File: BG031356.D
Acq: 4 Dec 2017 21:08

Instrument :
BNA_G
ClientSampleId :
SA-06-120117MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	655121		
127	34.2	30.7	46.1	
164	32.6	26.0	39.0	

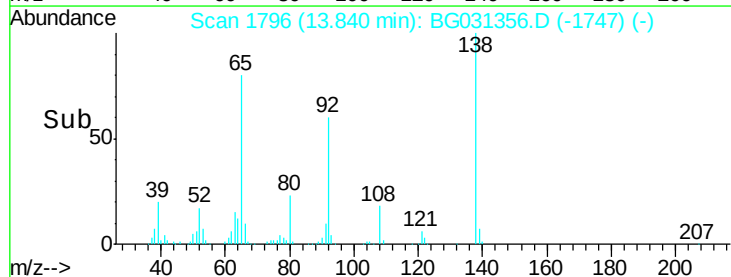
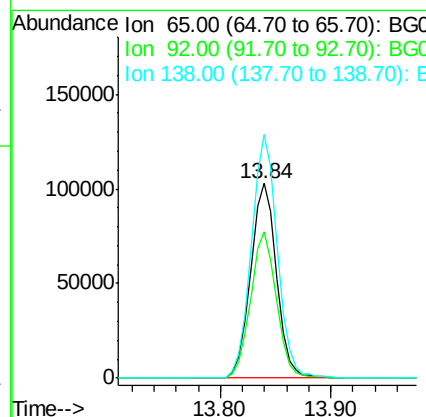
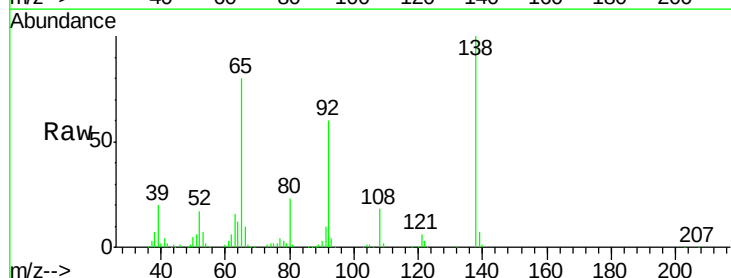
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APPROVED

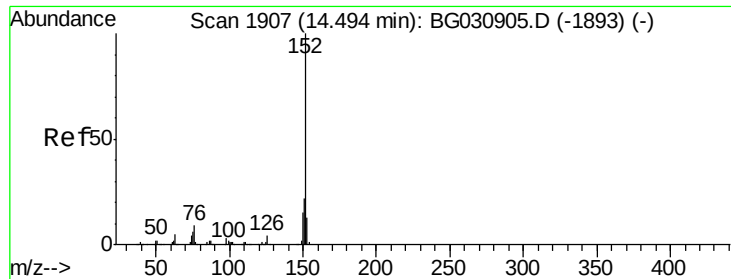
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#47
2-Nitroaniline
Concen: 44.27 ng
RT: 13.84 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BG031356.D
Acq: 4 Dec 2017 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	170187		
92	75.1	54.6	82.0	
138	125.1	72.9	109.3	





#48

Acenaphthylene

Concen: 46.87 ng

RT: 14.47 min Scan# 1904

Delta R.T. -0.02 min

Lab File: BG031356.D

Acq: 4 Dec 2017 21:08

Instrument :

BNA_G

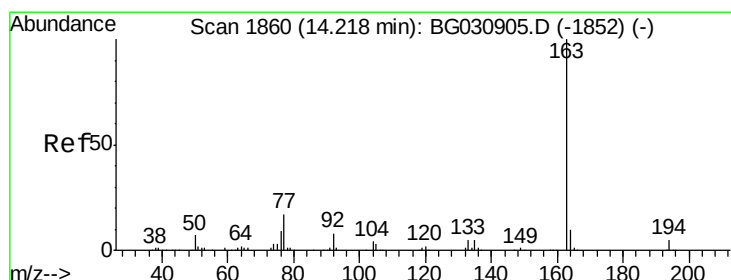
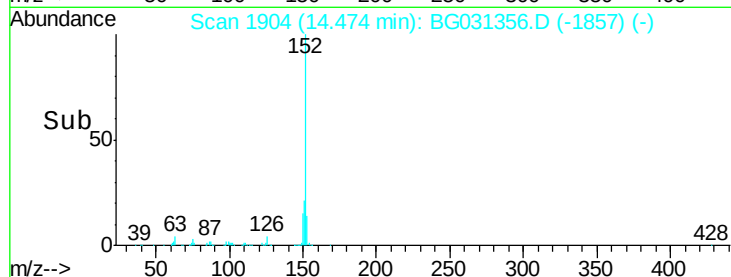
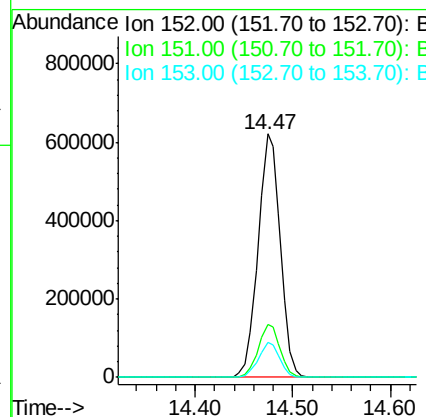
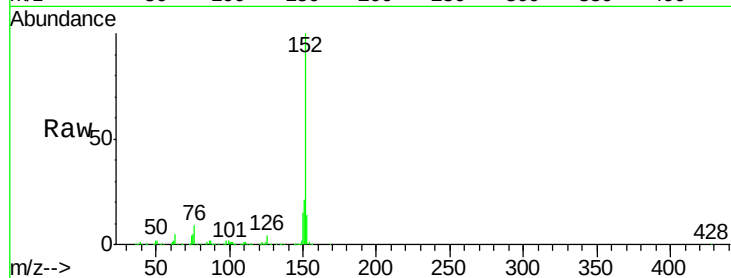
ClientSampleId :

SA-06-120117MS

Tot Ion:	152	Resp:	995058
Ion Ratio	Lower	Upper	
152	100		
151	21.5	17.2	25.8
153	14.4	10.2	15.4

Manual Integrations
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#49

Dimethylphthalate

Concen: 47.29 ng

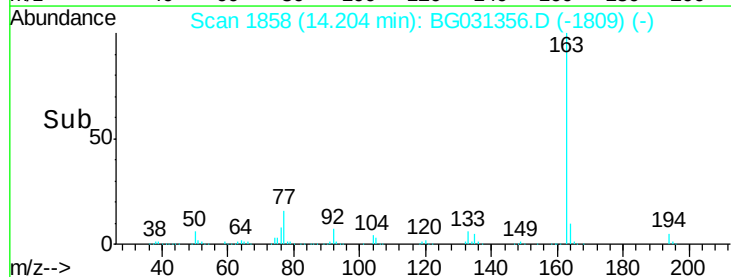
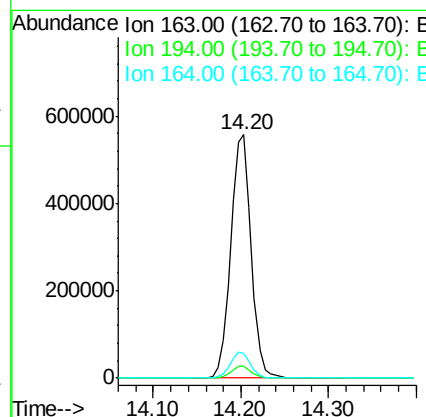
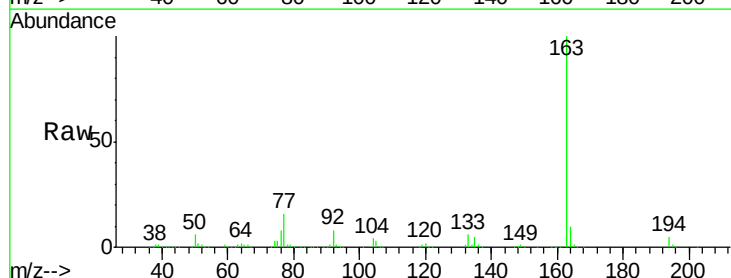
RT: 14.20 min Scan# 1858

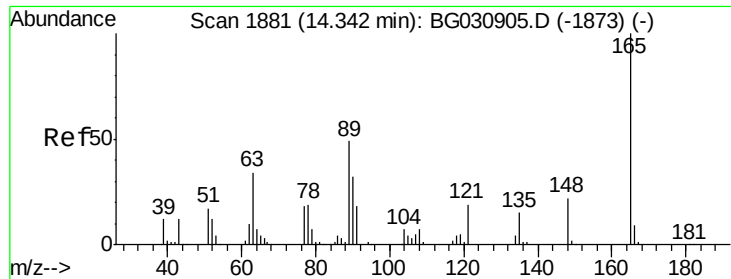
Delta R.T. -0.01 min

Lab File: BG031356.D

Acq: 4 Dec 2017 21:08

Tgt Ion:	163	Resp:	886458
Ion Ratio	Lower	Upper	
163	100		
194	5.0	3.4	5.2
164	10.3	8.2	12.4





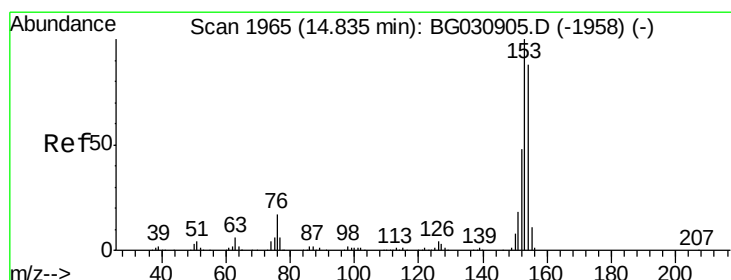
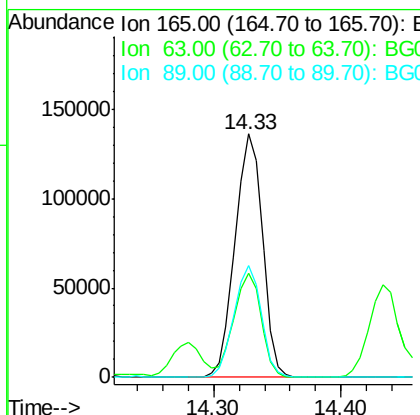
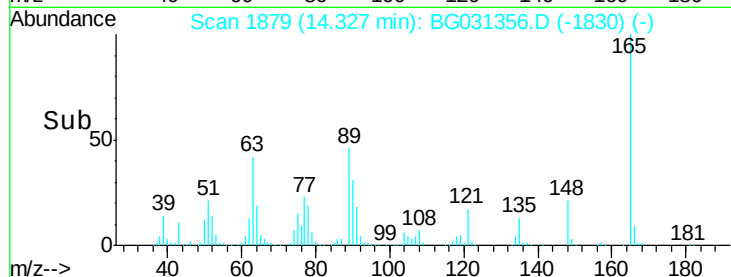
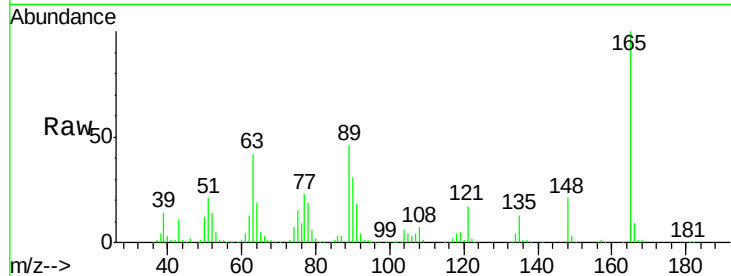
#50
2,6-Dinitrotoluene
Concen: 52.85 ng
RT: 14.33 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BG031356.D
Acq: 4 Dec 2017 21:08

Instrument :
BNA_G
ClientSampleId :
SA-06-120117MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	204193		
63	42.5	52.7	79.1#	
89	45.7	49.2	73.8#	

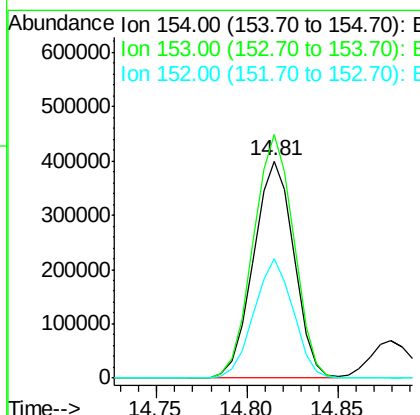
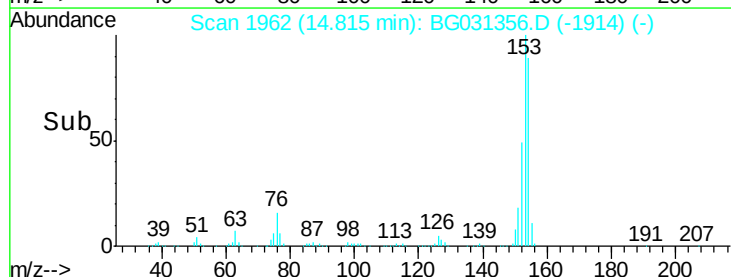
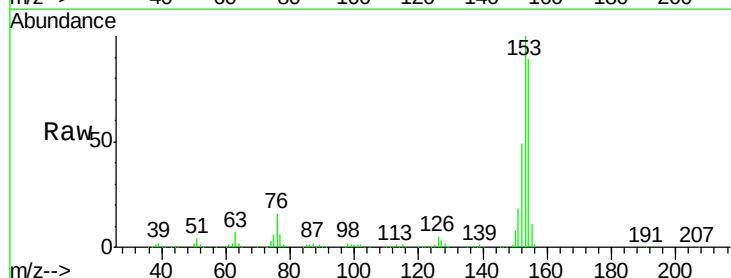
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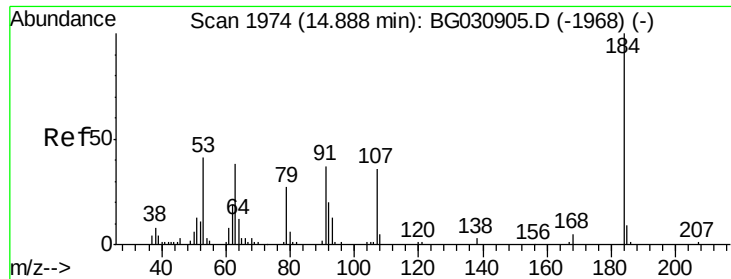
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#51
Acenaphthene
Concen: 46.68 ng
RT: 14.81 min Scan# 1962
Delta R.T. -0.02 min
Lab File: BG031356.D
Acq: 4 Dec 2017 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	618906		
153	112.2	90.4	135.6	
152	55.0	41.6	62.4	





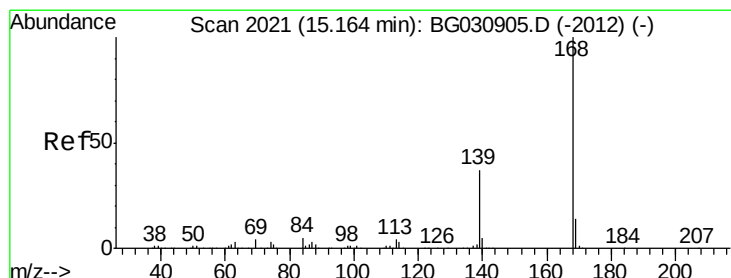
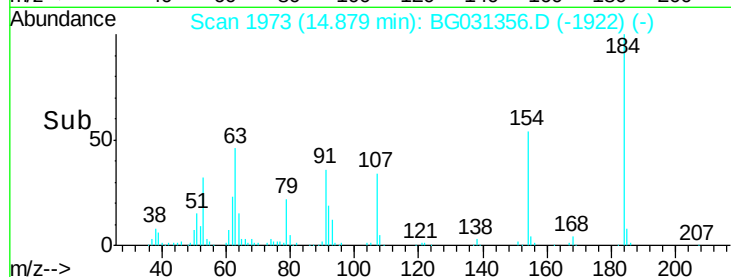
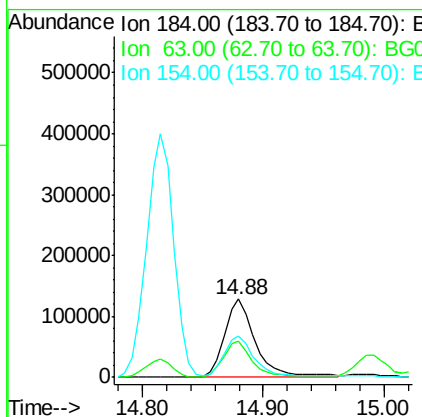
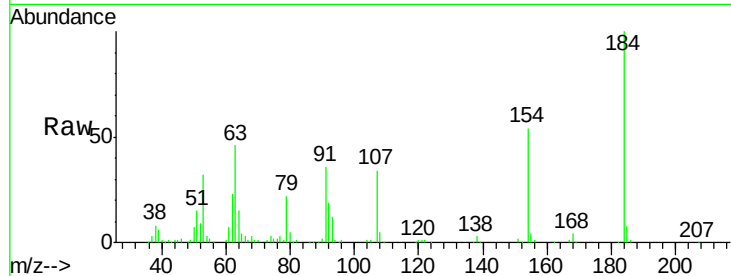
#53
2,4-Dinitrophenol
Concen: 105.59 ng
RT: 14.88 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BG031356.D
Acq: 4 Dec 2017 21:08

Instrument :
BNA_G
ClientSampleId :
SA-06-120117MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	46.0	59.8	89.8#
154	53.7	101.8	152.8#

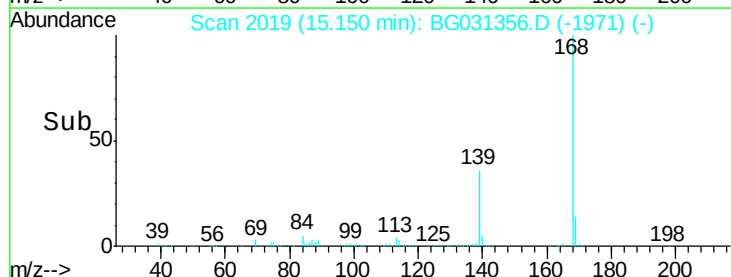
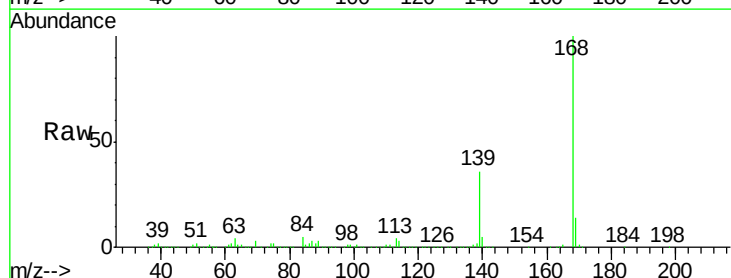
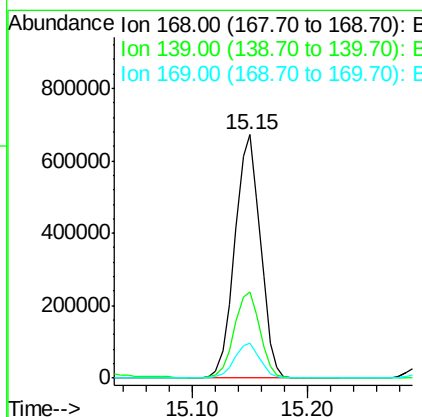
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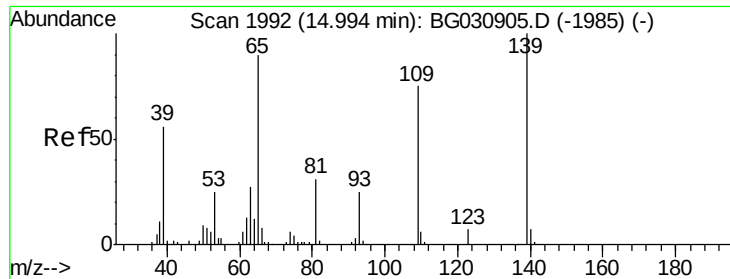
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#54
Dibenzofuran
Concen: 48.73 ng
RT: 15.15 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BG031356.D
Acq: 4 Dec 2017 21:08

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.5	28.6	43.0
169	14.2	11.2	16.8





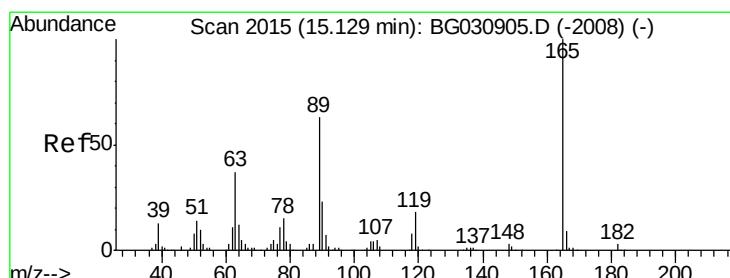
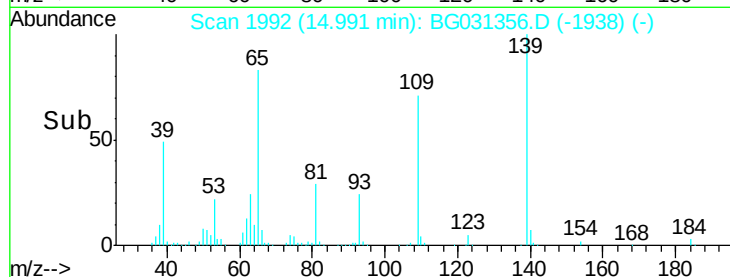
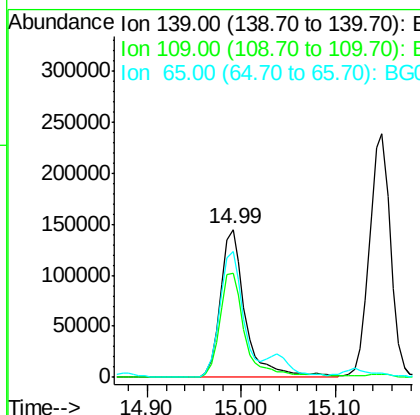
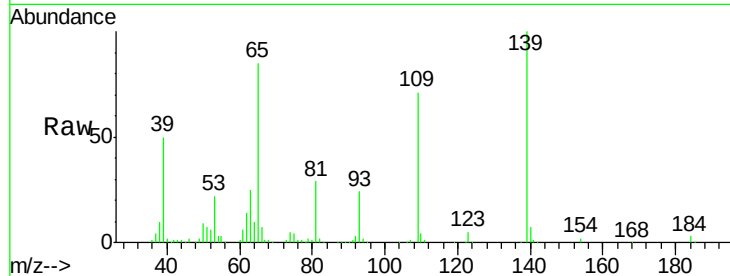
#55
4-Nitrophenol
Concen: 92.46 ng
RT: 14.99 min Scan# 1992
Delta R.T. 0.02 min
Lab File: BG031356.D
Acq: 4 Dec 2017 21:08

Instrument :
BNA_G
ClientSampleId :
SA-06-120117MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	270208		
109	70.6	62.2	102.2	
65	84.9	97.2	137.2#	

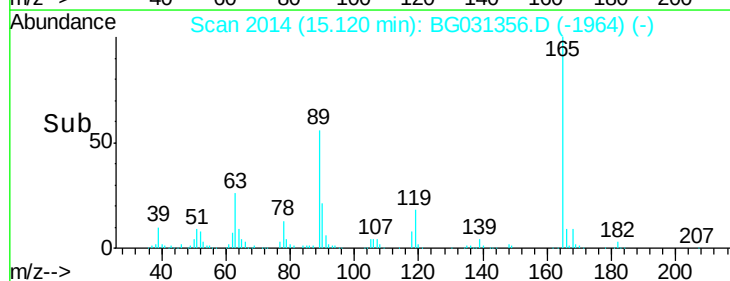
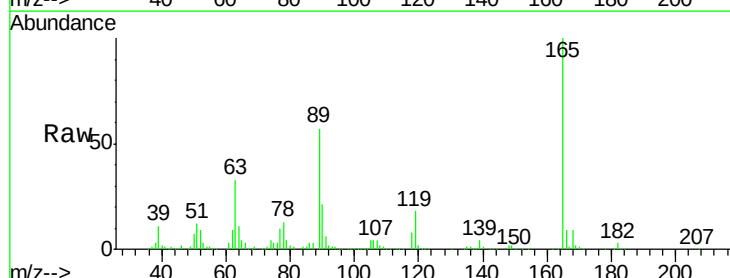
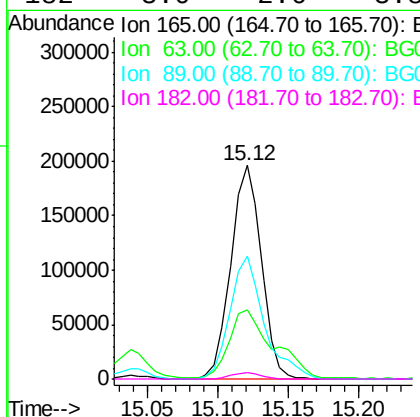
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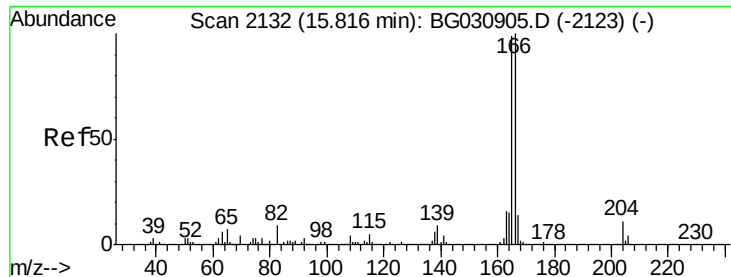
Sohil
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#56
2,4-Dinitrotoluene
Concen: 52.85 ng
RT: 15.12 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BG031356.D
Acq: 4 Dec 2017 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	295176		
63	32.5	42.0	63.0#	
89	57.3	66.9	100.3#	
182	3.0	2.6	3.8	





#57

Fluorene

Concen: 48.31 ng

RT: 15.80 min Scan# 2129

Delta R.T. -0.02 min

Lab File: BG031356.D

Acq: 4 Dec 2017 21:08

Instrument :

BNA_G

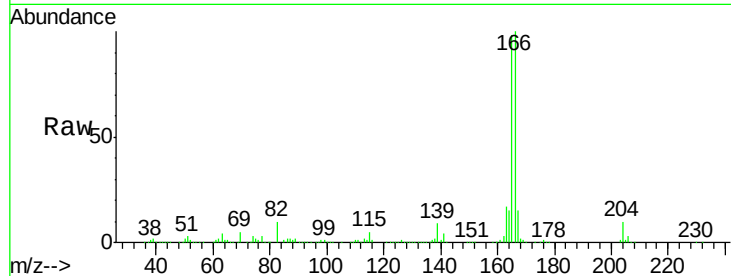
ClientSampleId :

SA-06-120117MS

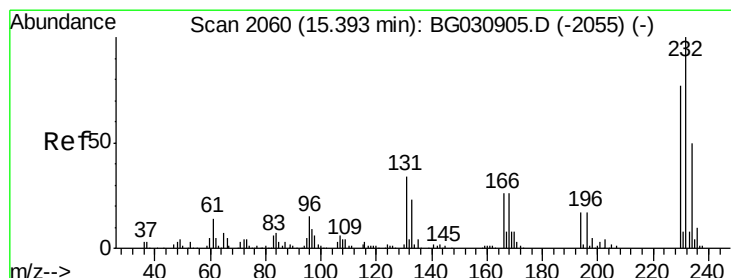
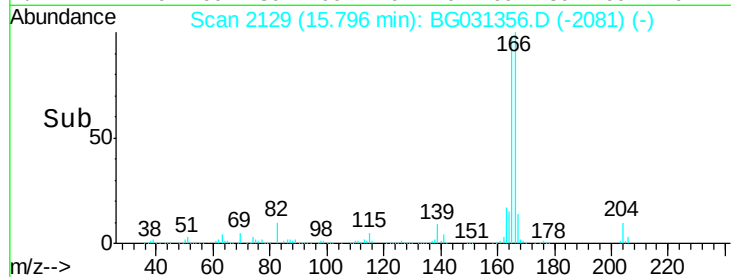
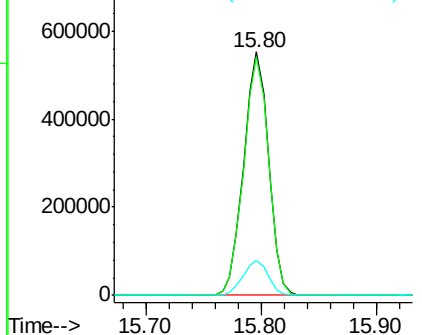
Tot Ion:	166	Resp:	828253
Ion Ratio	Lower	Upper	
166	100		
165	98.2	80.6	121.0
167	14.5	10.4	15.6

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 53.25 ng

RT: 15.38 min Scan# 2058

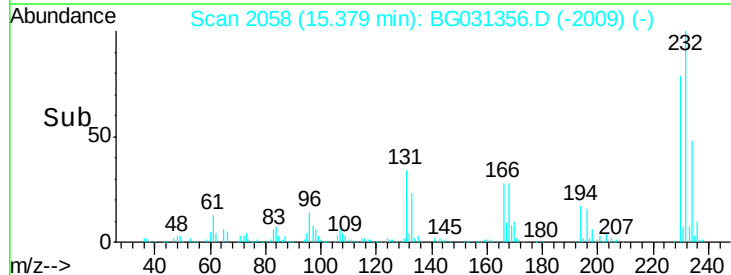
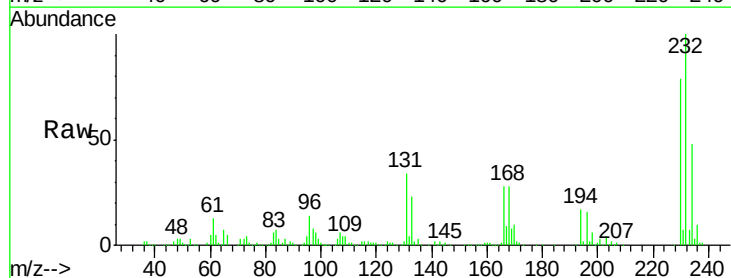
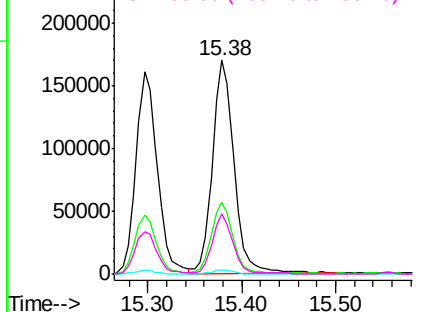
Delta R.T. -0.01 min

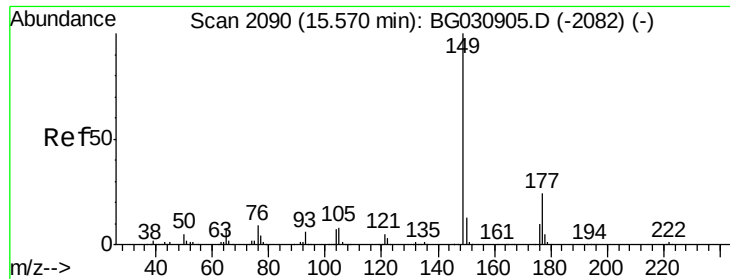
Lab File: BG031356.D

Acq: 4 Dec 2017 21:08

Tgt Ion:	232	Resp:	273130
Ion Ratio	Lower	Upper	
232	100		
131	34.1	33.5	50.3
130	2.0	2.2	3.2#
166	27.1	24.8	37.2

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





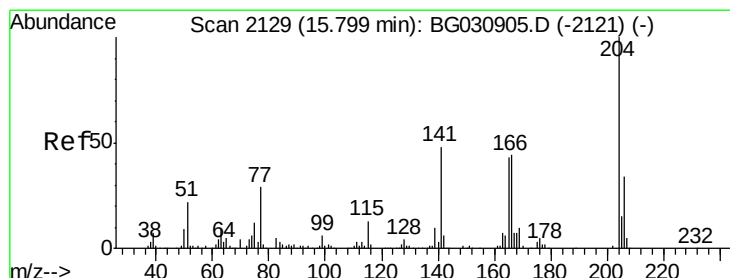
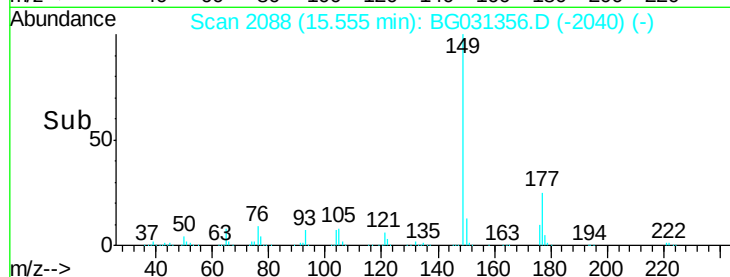
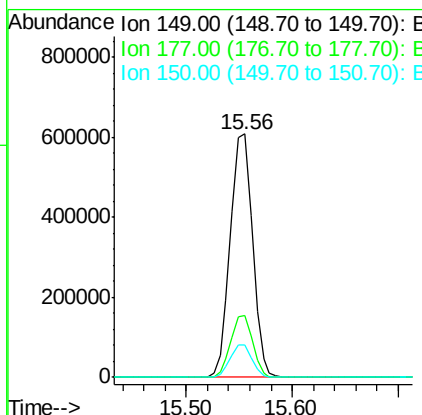
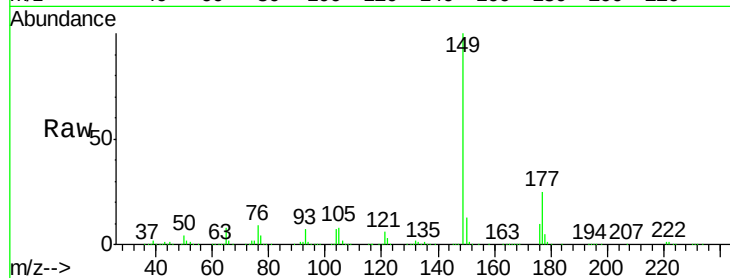
#59
Diethylphthalate
Concen: 46.50 ng
RT: 15.56 min Scan# 2088
Delta R.T. -0.02 min
Lab File: BG031356.D
Acq: 4 Dec 2017 21:08

Instrument :
BNA_G
ClientSampleId :
SA-06-120117MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	885443		
177	25.4	18.5	27.7	
150	13.3	10.2	15.2	

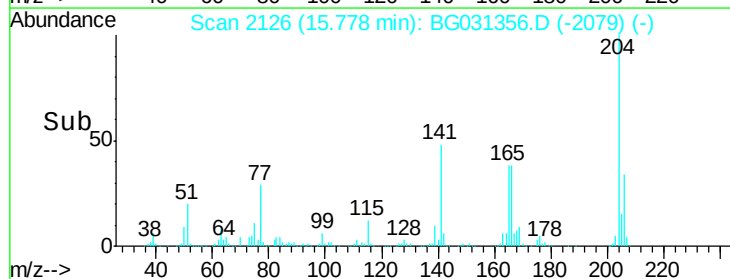
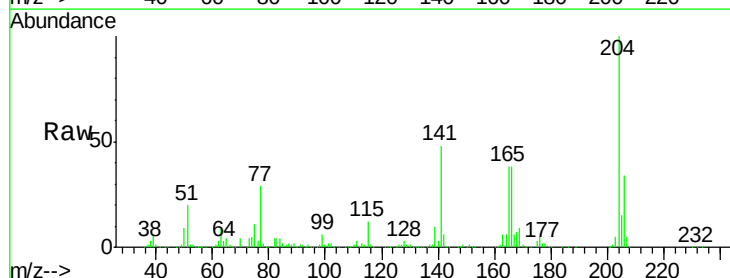
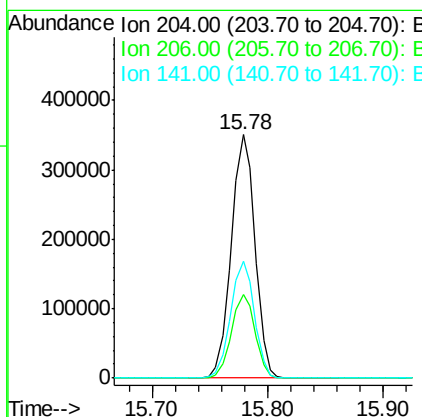
Manual Integrations
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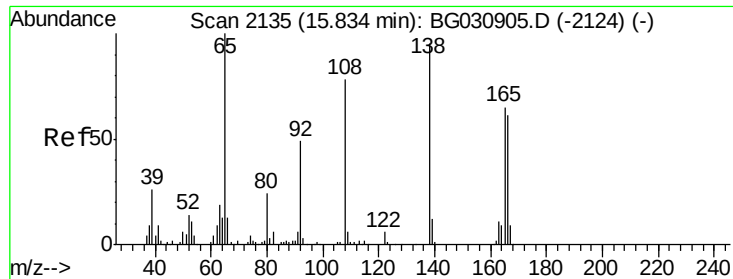
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 47.90 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.02 min
Lab File: BG031356.D
Acq: 4 Dec 2017 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	496049		
206	34.3	26.2	39.2	
141	47.9	45.8	68.6	





#61

4-Nitroaniline

Concen: 38.09 ng

RT: 15.83 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BG031356.D

Acq: 4 Dec 2017 21:08

Instrument :

BNA_G

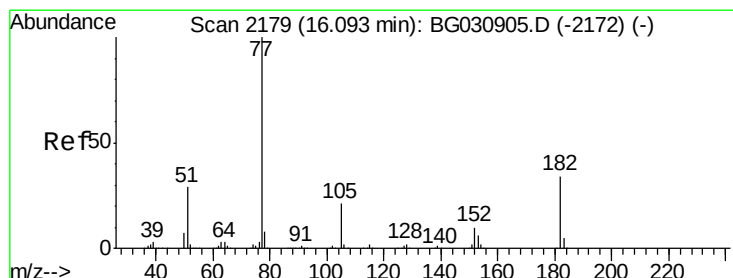
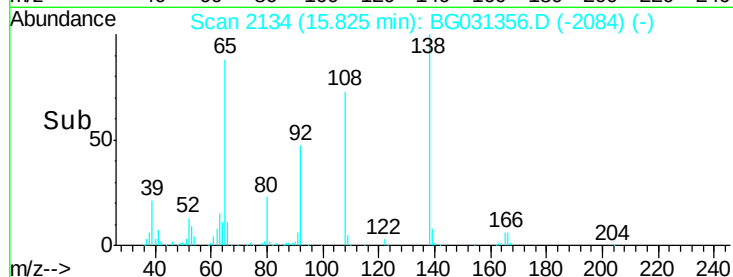
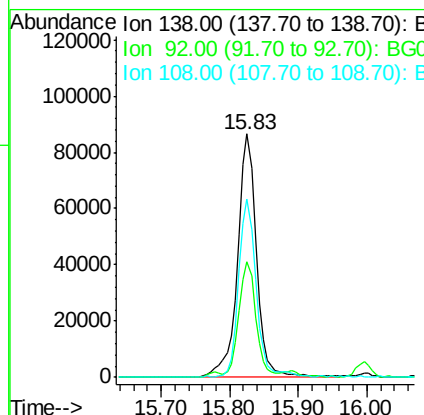
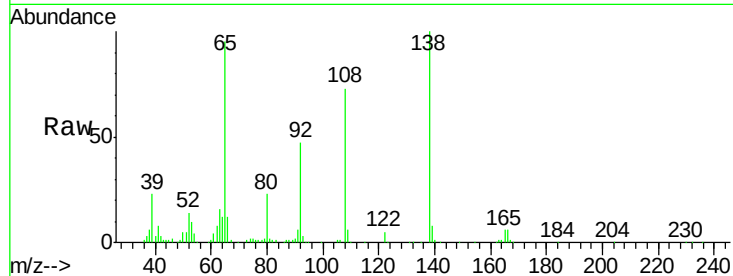
ClientSampleId :

SA-06-120117MS

Tot Ion:	138	Resp:	165486
Ion Ratio	Lower	Upper	
138	100		
92	47.3	40.1	80.1
108	73.0	65.4	105.4

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#62

Azobenzene

Concen: 47.92 ng

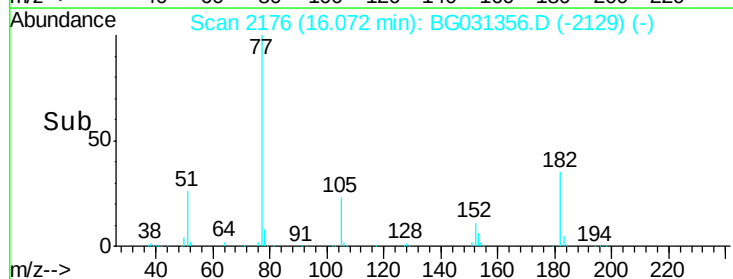
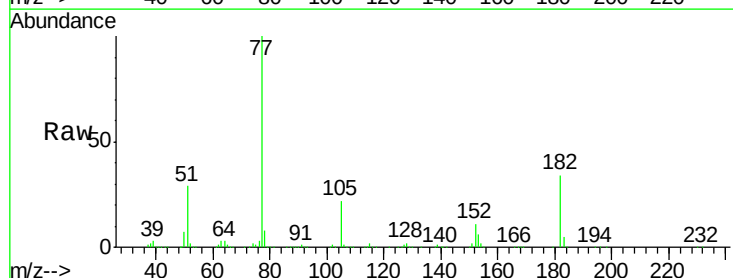
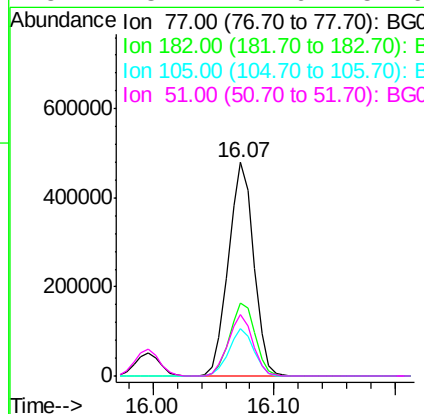
RT: 16.07 min Scan# 2176

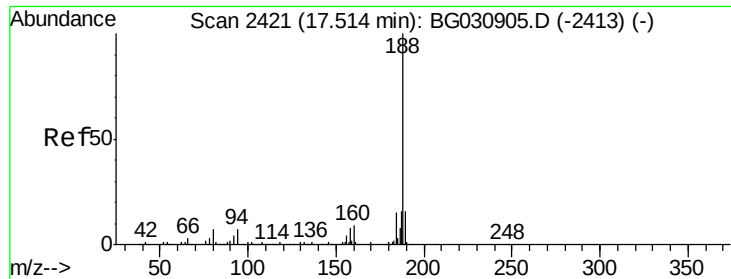
Delta R.T. -0.02 min

Lab File: BG031356.D

Acq: 4 Dec 2017 21:08

Tgt Ion:	77	Resp:	695925
Ion Ratio	Lower	Upper	
77	100		
182	34.0	7.4	47.4
105	22.0	0.3	40.3
51	28.7	11.6	51.6





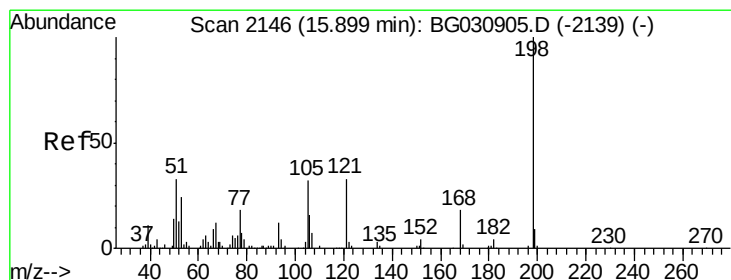
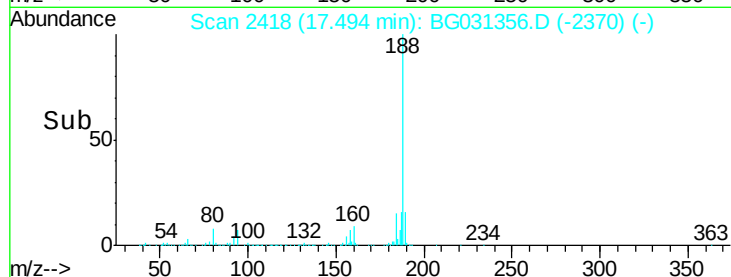
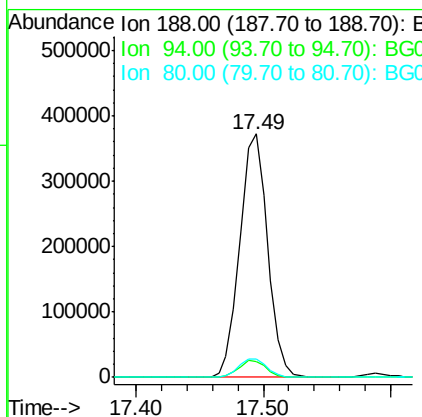
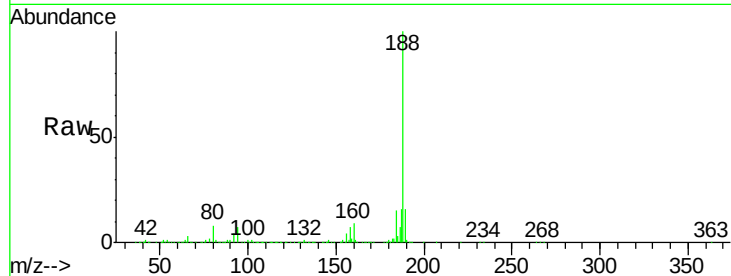
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG031356.D
Acq: 4 Dec 2017 21:08

Instrument :
BNA_G
ClientSampleId :
SA-06-120117MS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	6.6	6.9	10.3#
80	7.7	7.7	11.5#

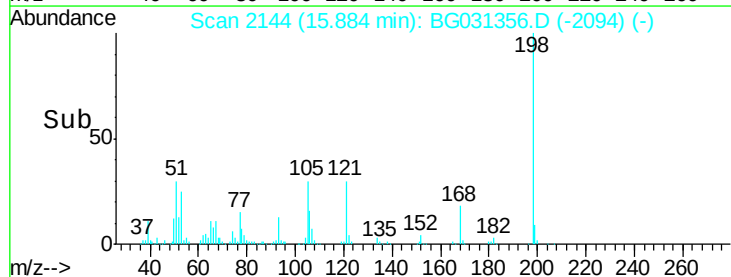
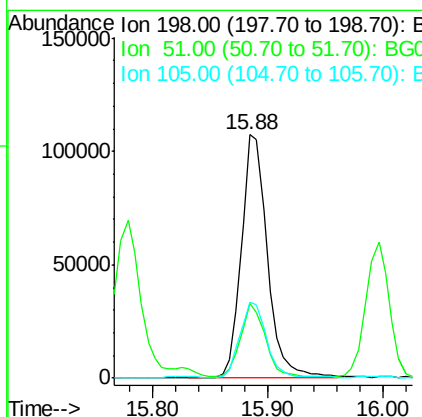
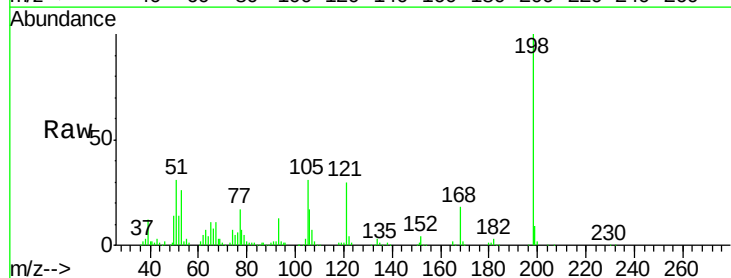
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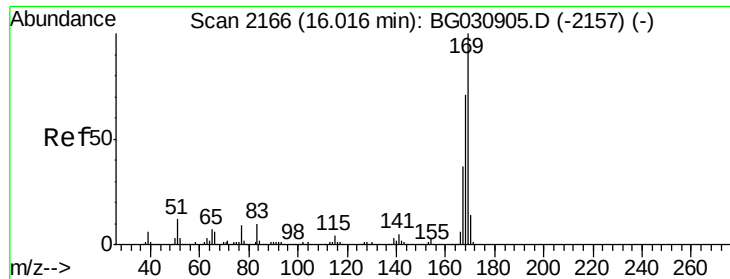
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#64
4,6-Dinitro-2-methylphenol
Concen: 44.77 ng
RT: 15.88 min Scan# 2144
Delta R.T. -0.01 min
Lab File: BG031356.D
Acq: 4 Dec 2017 21:08

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	30.7	30.6	70.6
105	31.2	23.8	63.8





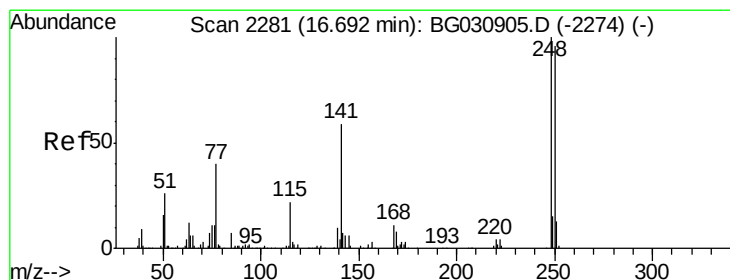
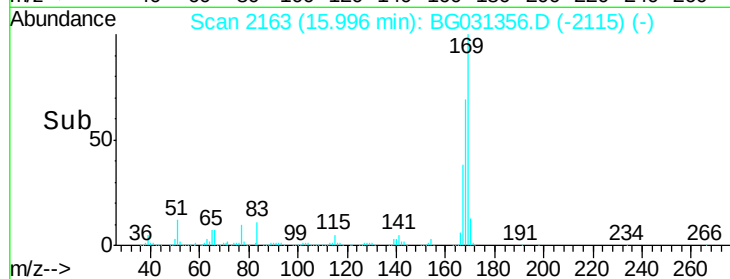
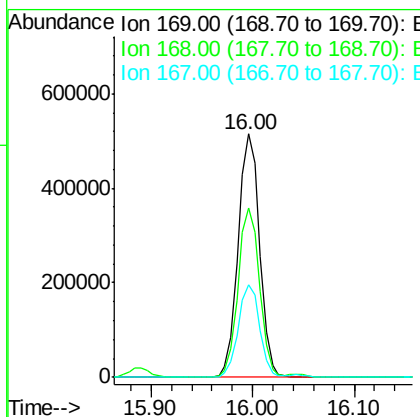
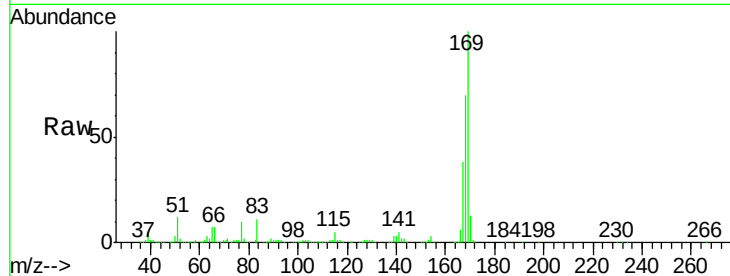
#65
 n-Nitrosodiphenylamine
 Concen: 44.12 ng
 RT: 16.00 min Scan# 2163
 Delta R.T. -0.02 min
 Lab File: BG031356.D
 Acq: 4 Dec 2017 21:08

Instrument :
 BNA_G
 ClientSampleId :
 SA-06-120117MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		757188		
168	69.6	55.7		83.5	
167	38.2	30.1		45.1	

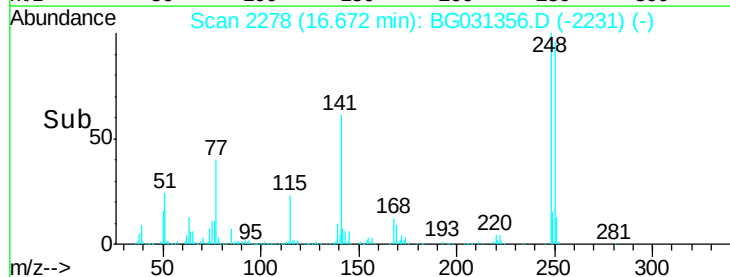
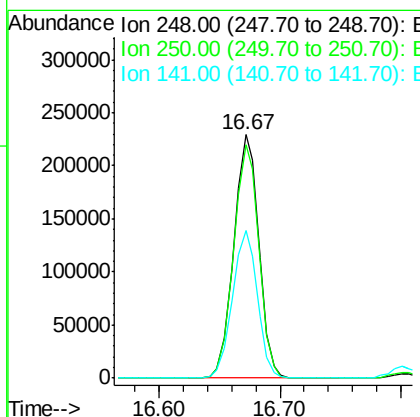
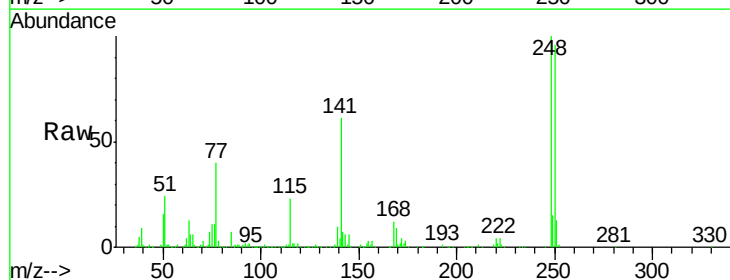
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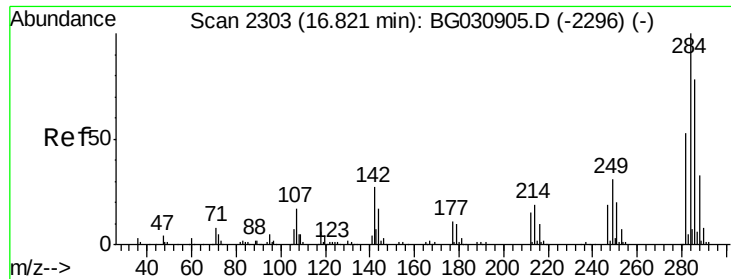
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#66
 4-Bromophenyl-phenylether
 Concen: 46.02 ng
 RT: 16.67 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BG031356.D
 Acq: 4 Dec 2017 21:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		330092		
250	95.7	77.1		115.7	
141	60.6	50.8		76.2	





#67

Hexachlorobenzene

Concen: 44.61 ng

RT: 16.80 min Scan# 2300

Delta R.T. -0.02 min

Lab File: BG031356.D

Acq: 4 Dec 2017 21:08

Instrument :

BNA_G

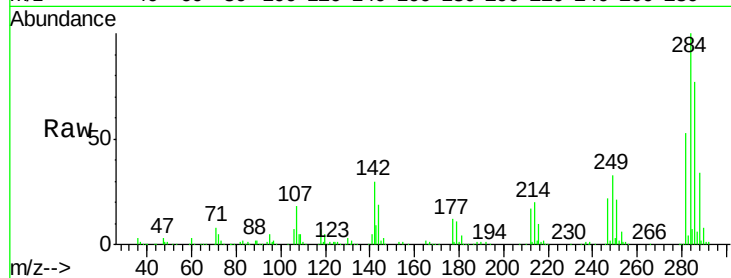
ClientSampleId :

SA-06-120117MS

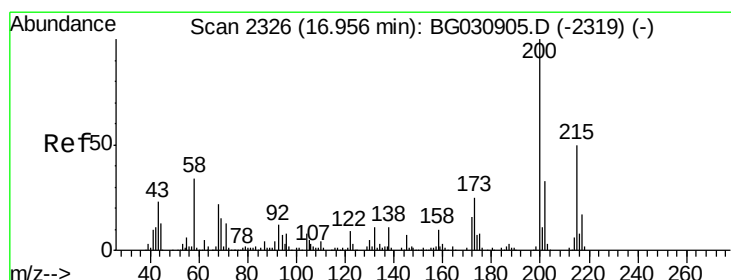
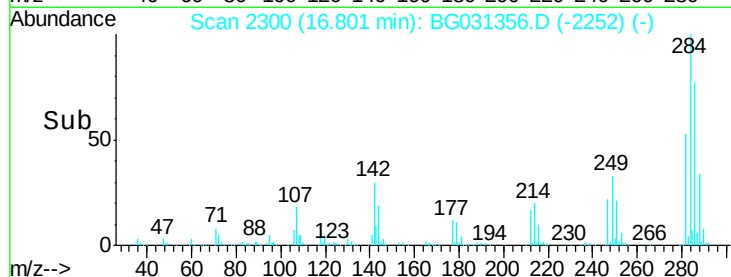
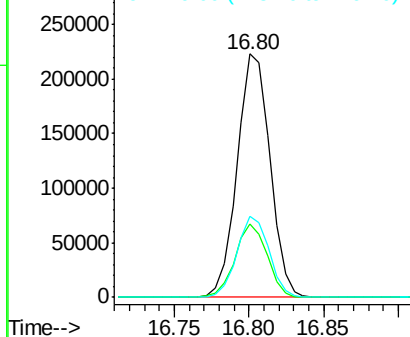
Tot Ion:	284	Resp:	340013
Ion Ratio		Lower	Upper
284	100		
142	30.3	26.8	40.2
249	33.2	26.3	39.5

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



#68

Atrazine

Concen: 39.54 ng

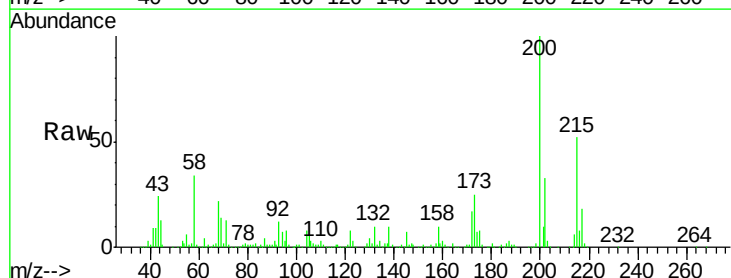
RT: 16.94 min Scan# 2323

Delta R.T. -0.02 min

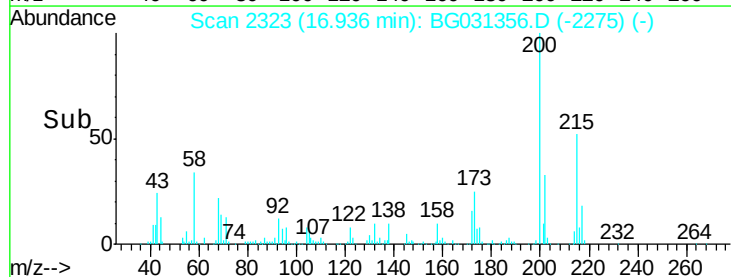
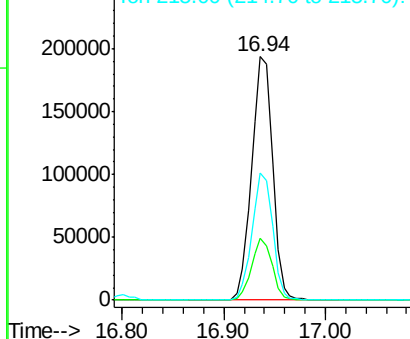
Lab File: BG031356.D

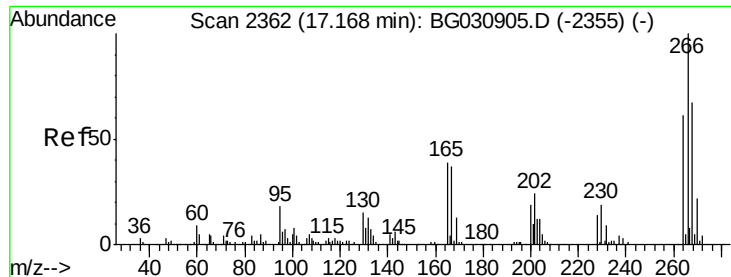
Acq: 4 Dec 2017 21:08

Tgt Ion:	200	Resp:	279936
Ion Ratio		Lower	Upper
200	100		
173	25.2	5.2	45.2
215	52.1	30.4	70.4



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





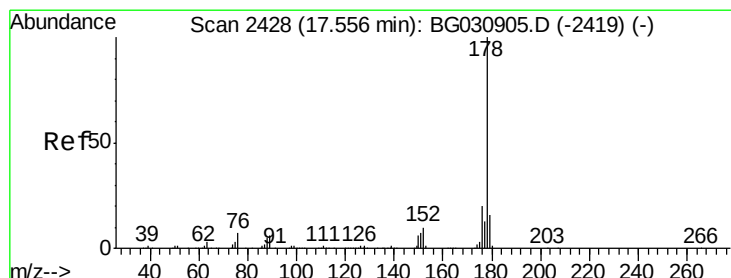
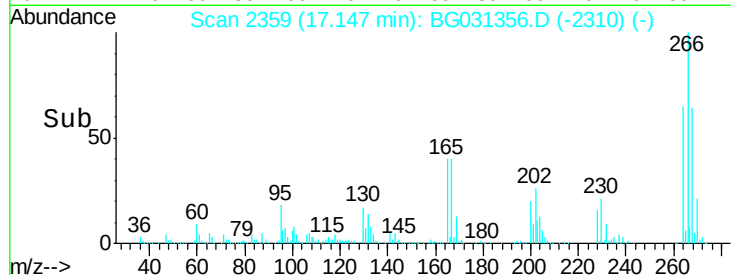
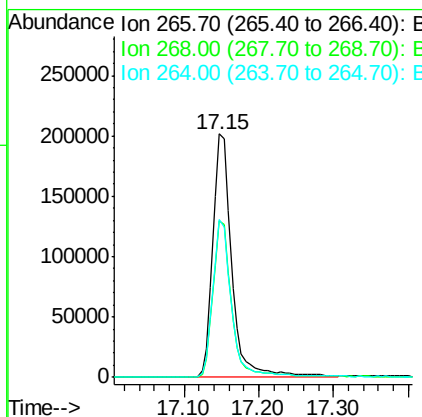
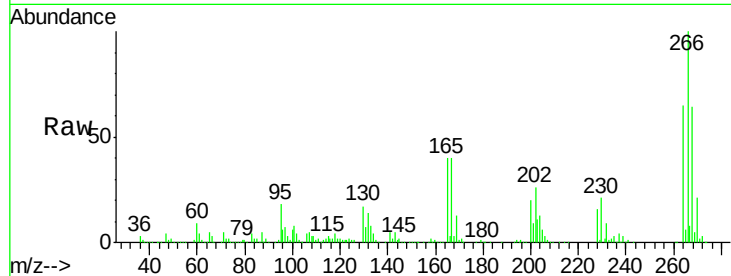
#69
 Pentachlorophenol
 Concen: 85.22 ng
 RT: 17.15 min Scan# 2359
 Delta R.T. -0.01 min
 Lab File: BG031356.D
 Acq: 4 Dec 2017 21:08

Instrument :
 BNA_G
 ClientSampleId :
 SA-06-120117MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.2	51.1	76.7
264	65.0	49.6	74.4

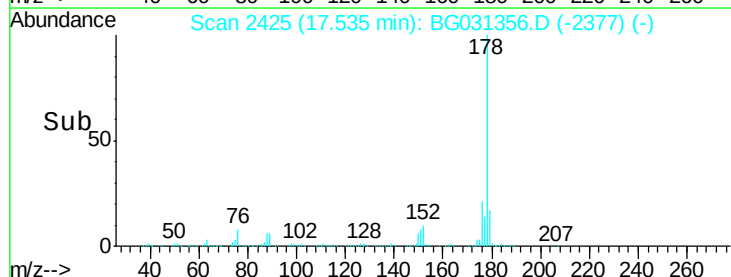
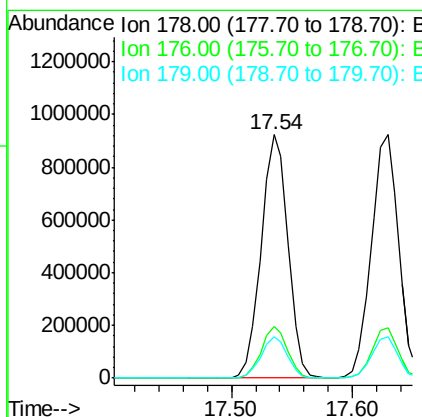
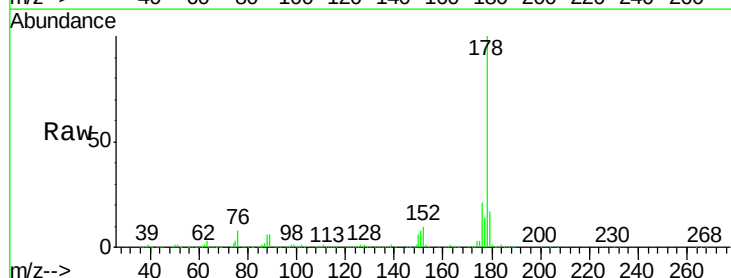
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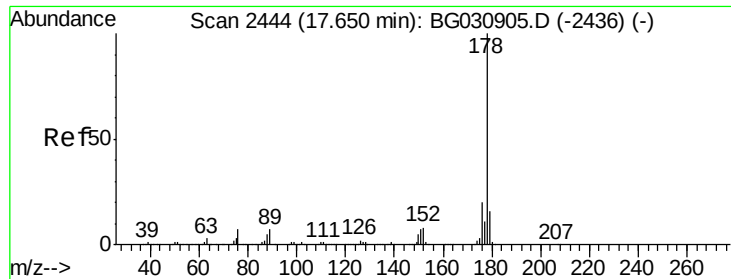
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#70
 Phenanthrene
 Concen: 48.04 ng
 RT: 17.54 min Scan# 2425
 Delta R.T. -0.02 min
 Lab File: BG031356.D
 Acq: 4 Dec 2017 21:08

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.2	15.7	23.5
179	16.9	12.5	18.7





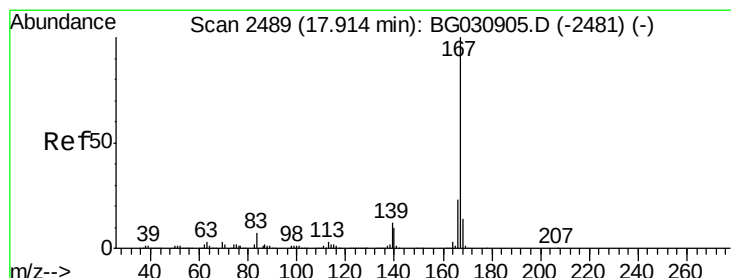
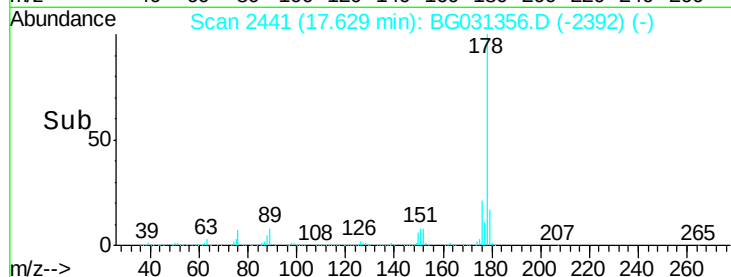
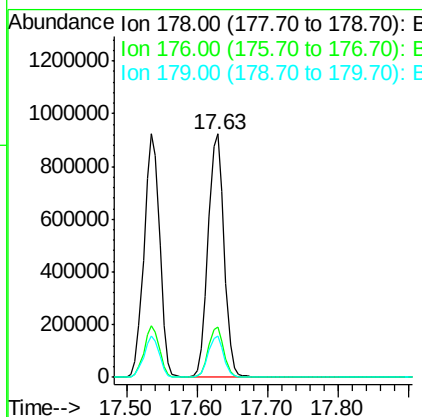
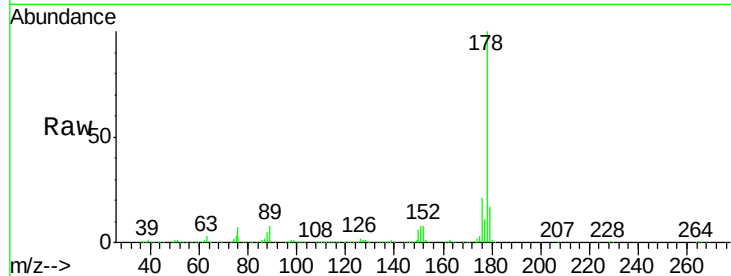
#71
 Anthracene
 Concen: 49.13 ng
 RT: 17.63 min Scan# 2441
 Delta R.T. -0.01 min
 Lab File: BG031356.D
 Acq: 4 Dec 2017 21:08

Instrument :
 BNA_G
 ClientSampleId :
 SA-06-120117MS

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	20.8	16.0	24.0	
179	16.8	12.5	18.7	

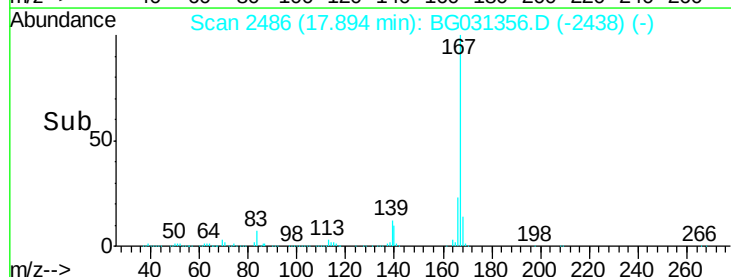
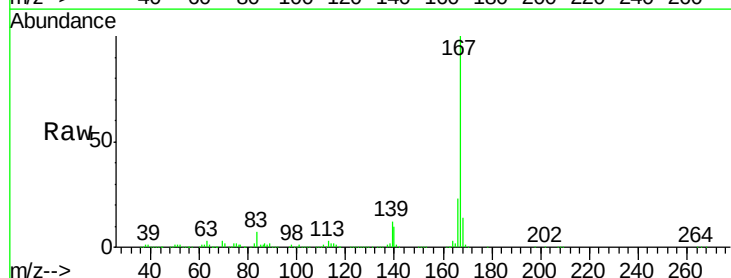
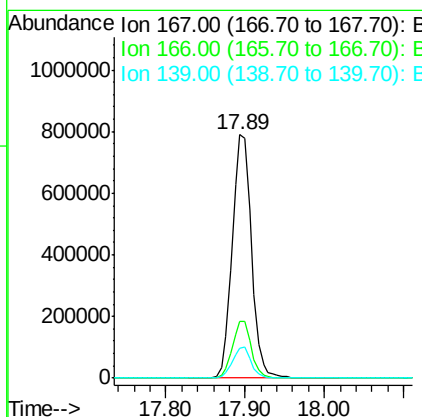
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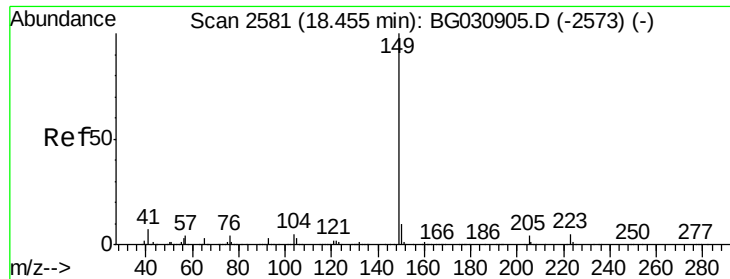
Sohil
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#72
 Carbazole
 Concen: 48.03 ng
 RT: 17.89 min Scan# 2486
 Delta R.T. -0.02 min
 Lab File: BG031356.D
 Acq: 4 Dec 2017 21:08

Tgt Ion	Ion	Ratio	Lower	Upper
167	100			
166	23.3	18.2	27.4	
139	12.3	9.4	14.2	





#73

Di-n-butylphthalate

Concen: 44.99 ng

RT: 18.43 min Scan# 2577

Delta R.T. -0.02 min

Lab File: BG031356.D

Acq: 4 Dec 2017 21:08

Instrument :

BNA_G

ClientSampleId :

SA-06-120117MS

Tot Ion:149 Resp: 1529249

Ion Ratio Lower Upper

149 100

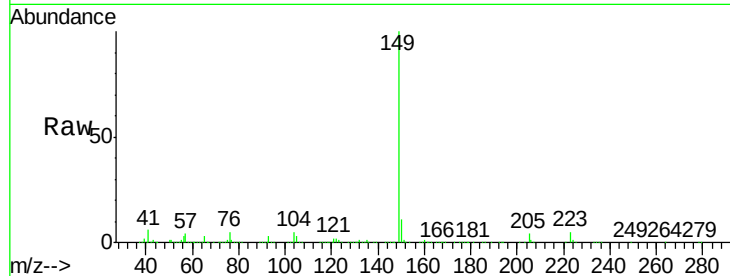
150 10.5 7.8 11.6

104 5.2 3.9 5.9

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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

18.43

1500000

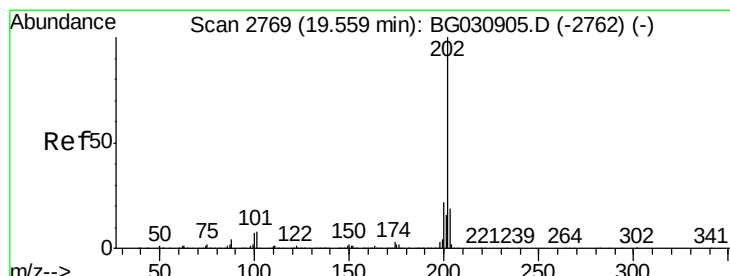
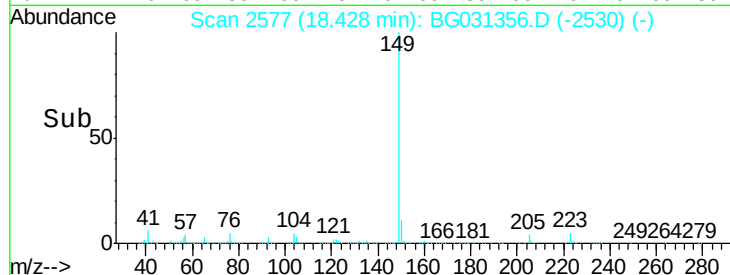
1000000

500000

0

18.40 18.50

Time-->



#74

Fluoranthene

Concen: 49.30 ng

RT: 19.54 min Scan# 2766

Delta R.T. -0.01 min

Lab File: BG031356.D

Acq: 4 Dec 2017 21:08

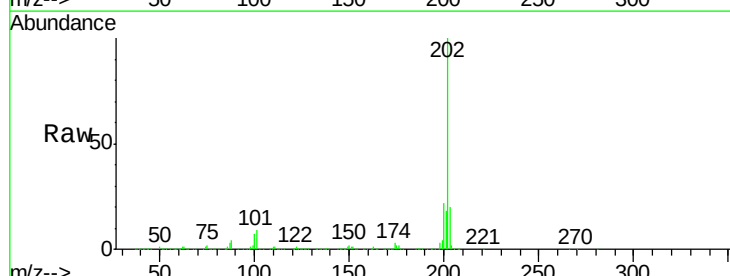
Tgt Ion:202 Resp: 1840443

Ion Ratio Lower Upper

202 100

101 8.9 0.0 28.9

203 19.6 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

19.54

1500000

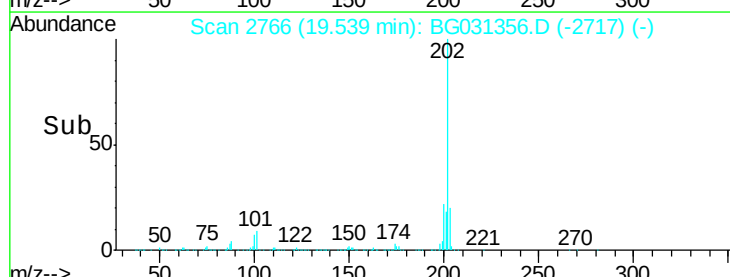
1000000

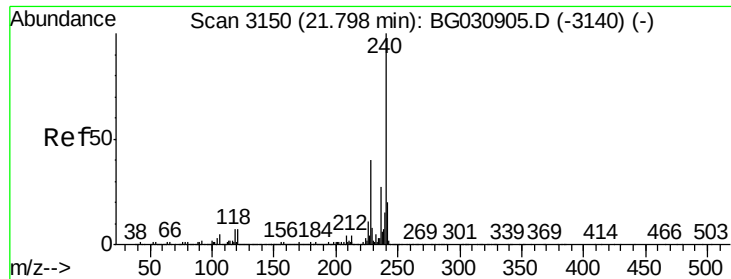
500000

0

19.50 19.60 19.70

Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.02 min

Lab File: BG031356.D

Acq: 4 Dec 2017 21:08

Instrument :

BNA_G

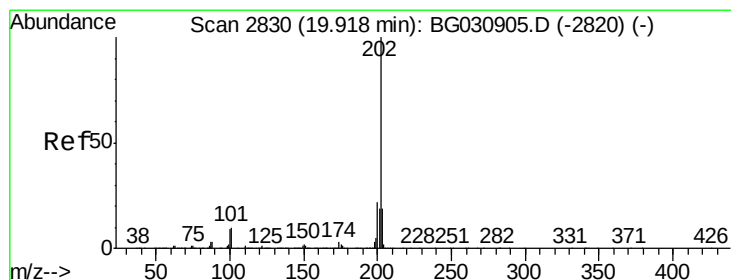
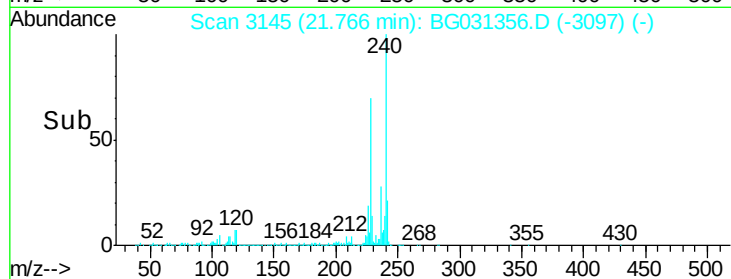
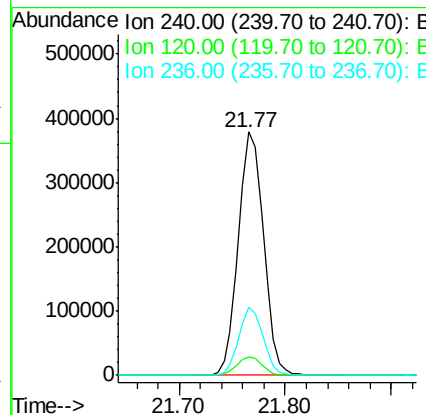
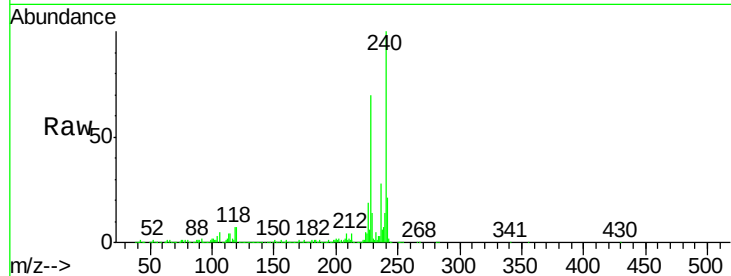
ClientSampleId :

SA-06-120117MS

Tot Ion:	240	Resp:	627253
Ion Ratio		Lower	Upper
240	100		
120	7.3	6.8	10.2
236	27.9	20.9	31.3

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#77

Pyrene

Concen: 50.45 ng

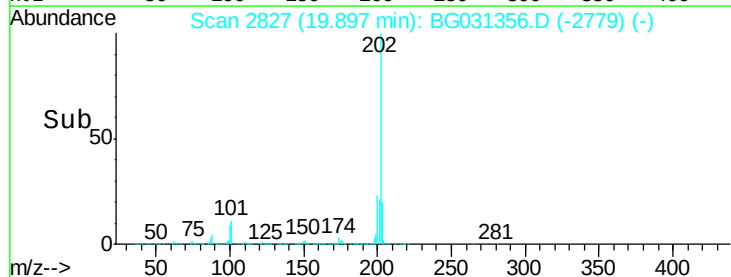
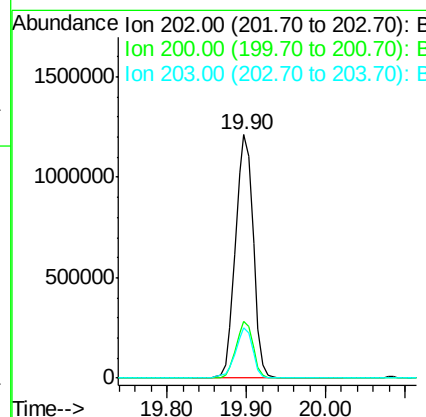
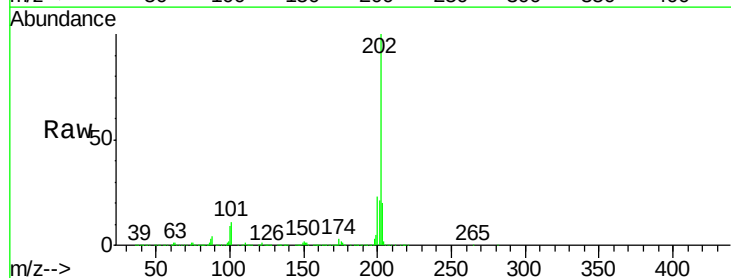
RT: 19.90 min Scan# 2827

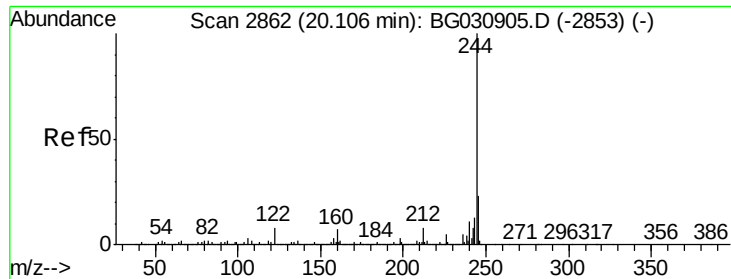
Delta R.T. -0.02 min

Lab File: BG031356.D

Acq: 4 Dec 2017 21:08

Tgt Ion:	202	Resp:	1877614
Ion Ratio		Lower	Upper
202	100		
200	23.4	16.9	25.3
203	20.4	13.9	20.9





#78

Terphenyl-d14

Concen: 80.26 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031356.D

Acq: 4 Dec 2017 21:08

Instrument :

BNA_G

ClientSampleId :

SA-06-120117MS

Tot Ion:244 Resp: 2279880

Ion Ratio Lower Upper

244 100

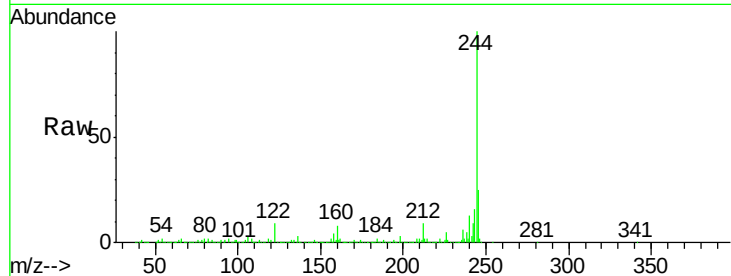
212 8.9 5.8 8.8#

122 8.8 7.0 10.4

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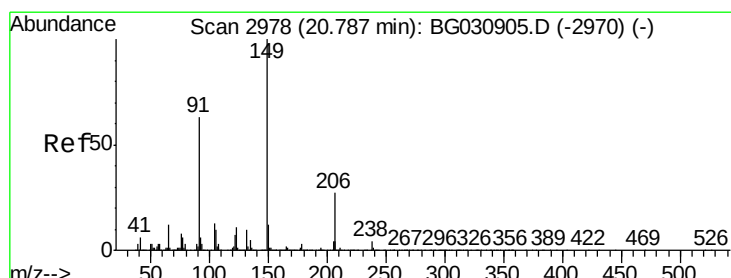
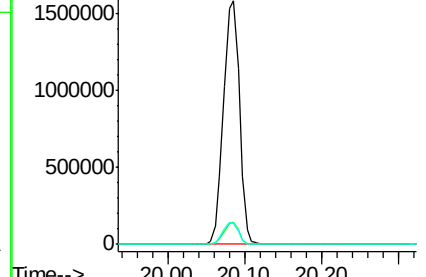
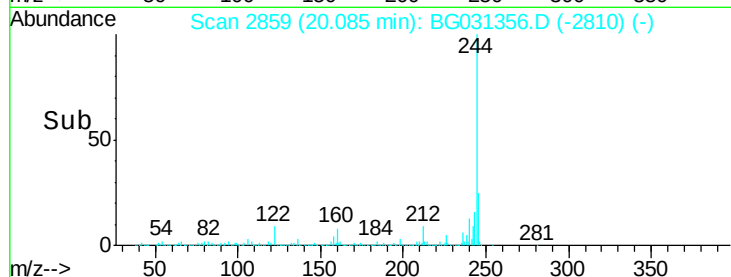
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 49.73 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.02 min

Lab File: BG031356.D

Acq: 4 Dec 2017 21:08

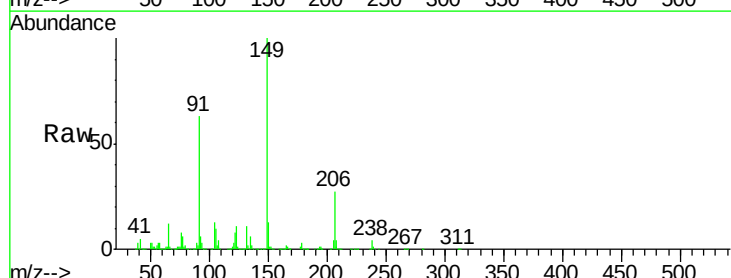
Tgt Ion:149 Resp: 738065

Ion Ratio Lower Upper

149 100

91 62.6 62.2 93.2

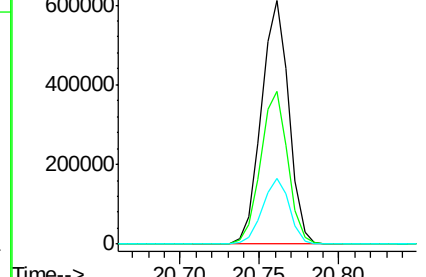
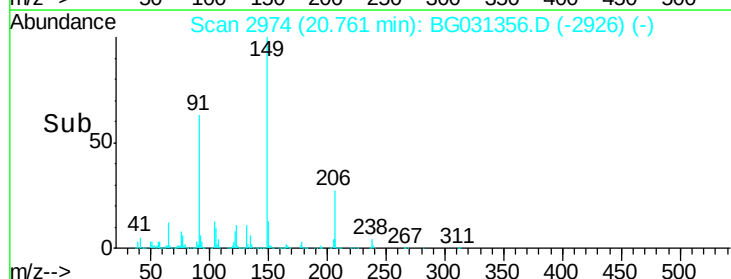
206 27.2 18.6 27.8

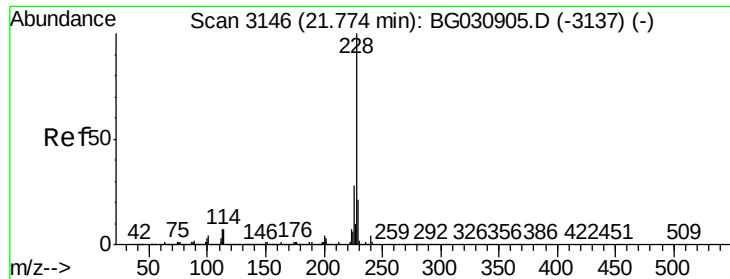


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





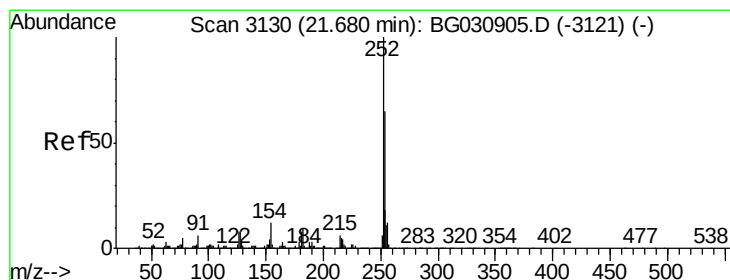
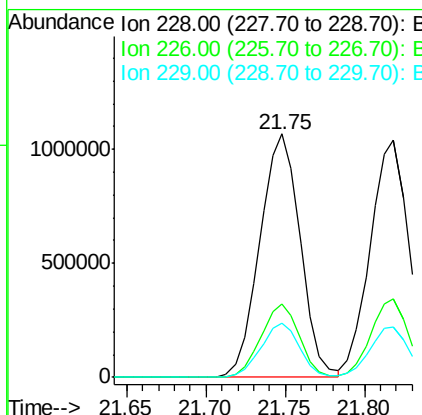
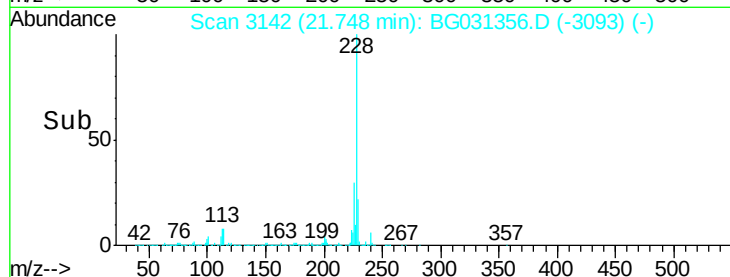
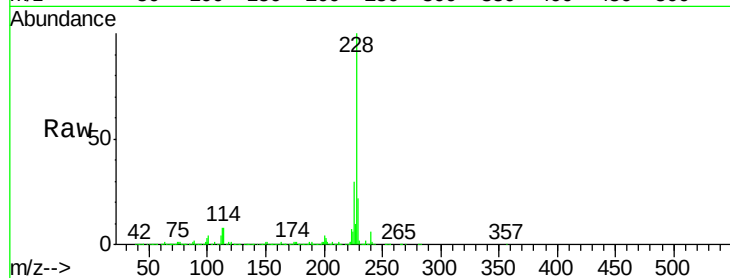
#80
Benzo(a)anthracene
Concen: 48.41 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG031356.D
Acq: 4 Dec 2017 21:08

Instrument :
BNA_G
ClientSampleId :
SA-06-120117MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.7	34.1
229	22.3	16.2	24.2

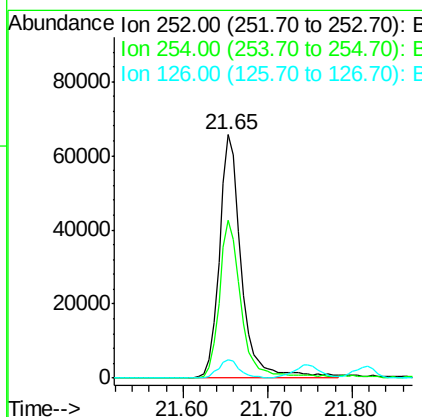
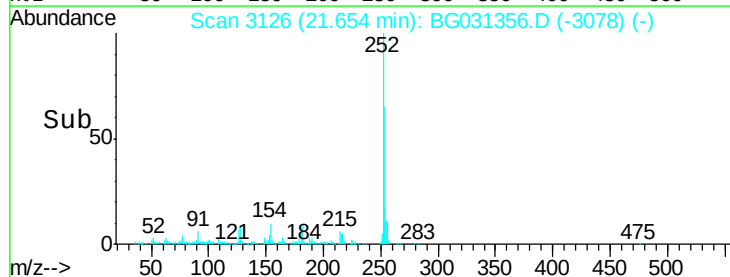
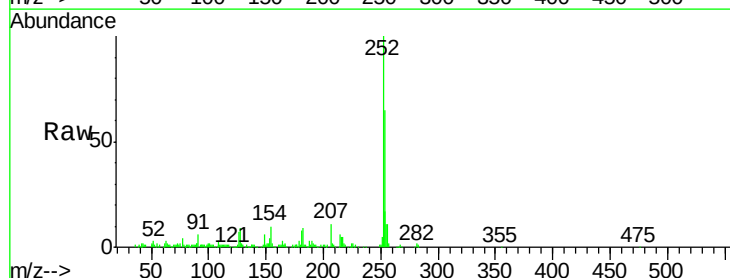
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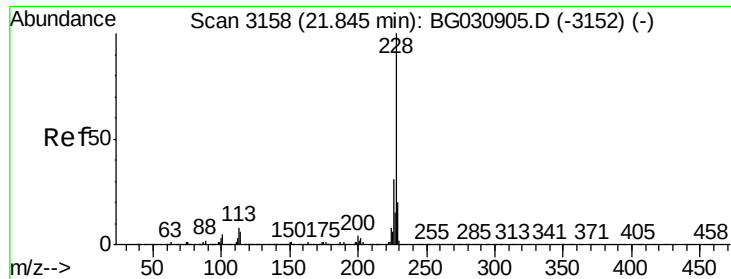
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#81
3,3'-Dichlorobenzidine
Concen: 7.59 ng
RT: 21.65 min Scan# 3126
Delta R.T. -0.02 min
Lab File: BG031356.D
Acq: 4 Dec 2017 21:08

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.7	50.8	76.2
126	7.5	7.4	11.2





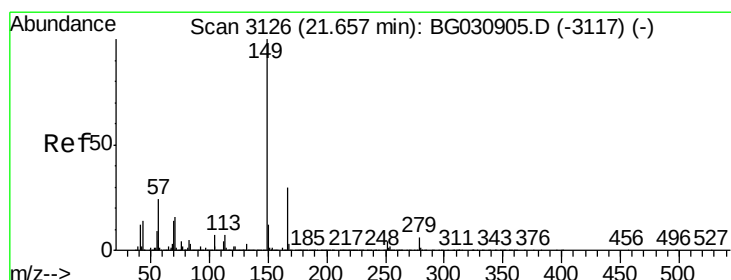
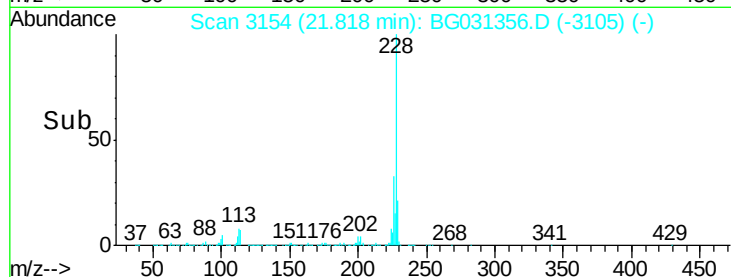
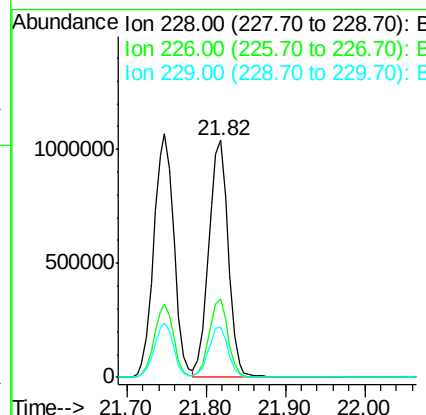
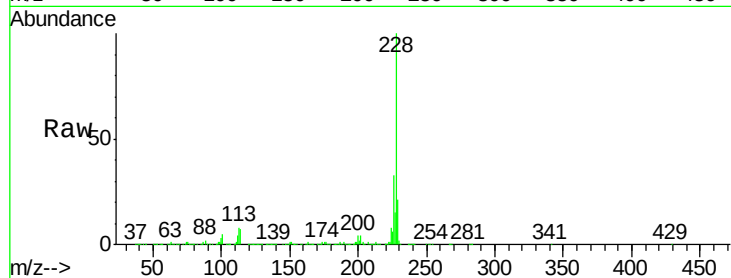
#82
 Chrysene
 Concen: 49.25 ng
 RT: 21.82 min Scan# 3154
 Delta R.T. -0.01 min
 Lab File: BG031356.D
 Acq: 4 Dec 2017 21:08

Instrument :
 BNA_G
 ClientSampleId :
 SA-06-120117MS

Tot Ion:	228	Resp:	1775170
Ion	Ratio	Lower	Upper
228	100		
226	32.9	24.9	37.3
229	21.5	15.0	22.4

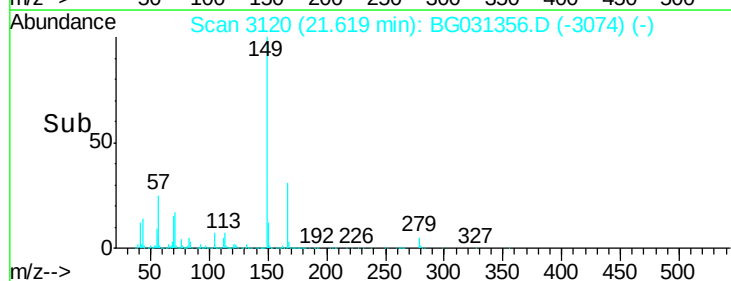
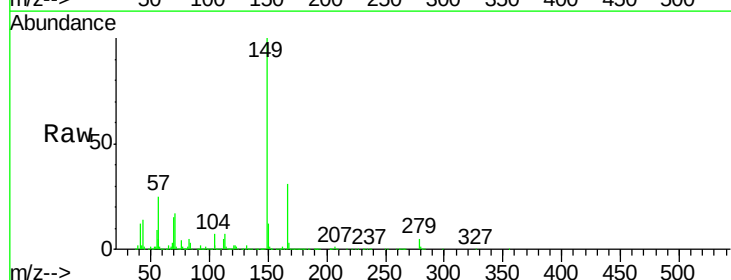
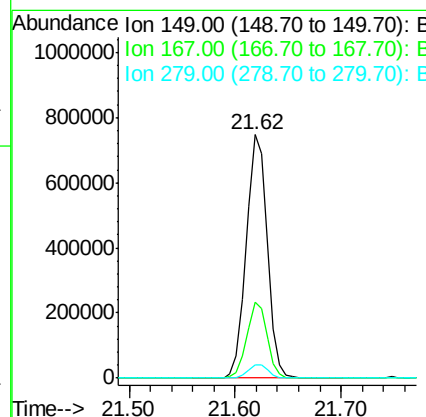
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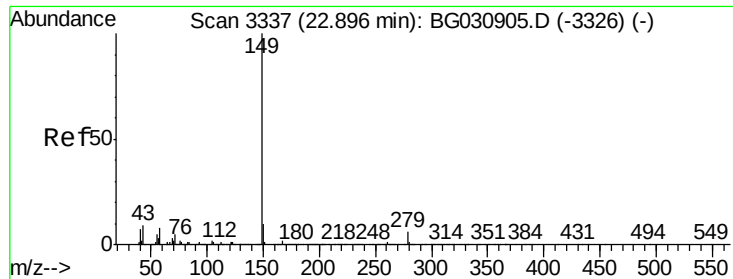
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.73 ng
 RT: 21.62 min Scan# 3120
 Delta R.T. -0.03 min
 Lab File: BG031356.D
 Acq: 4 Dec 2017 21:08

Tgt Ion:	149	Resp:	1022402
Ion	Ratio	Lower	Upper
149	100		
167	31.2	24.3	36.5
279	5.3	4.0	6.0





#84

Di-n-octyl phthalate

Concen: 49.52 ng

RT: 22.85 min Scan# 3329

Delta R.T. -0.04 min

Lab File: BG031356.D

Acq: 4 Dec 2017 21:08

Instrument :

BNA_G

ClientSampleId :

SA-06-120117MS

Tot Ion:149 Resp: 1726647

Ion Ratio Lower Upper

149 100

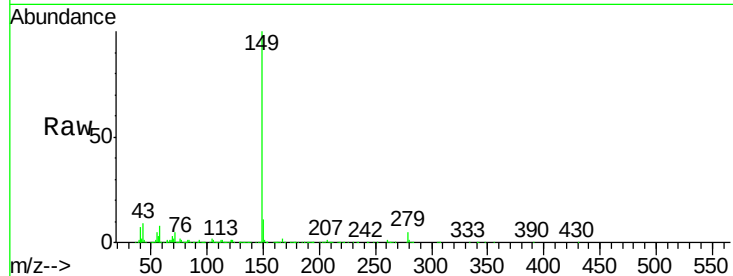
167 1.8 1.4 2.0

43 8.3 8.9 13.3#

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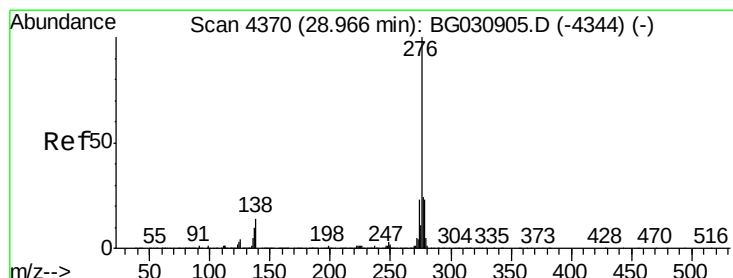
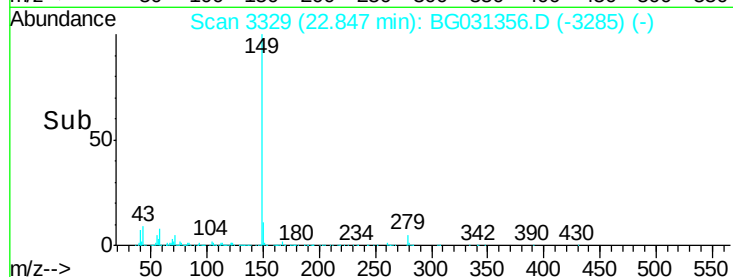
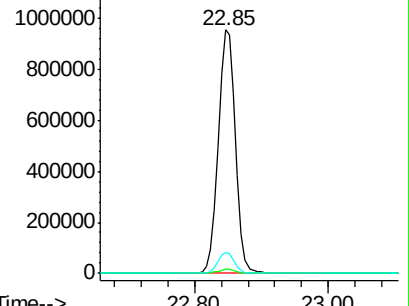
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#85

Indeno(1,2,3-cd)pyrene

Concen: 48.75 ng

RT: 28.87 min Scan# 4354

Delta R.T. -0.02 min

Lab File: BG031356.D

Acq: 4 Dec 2017 21:08

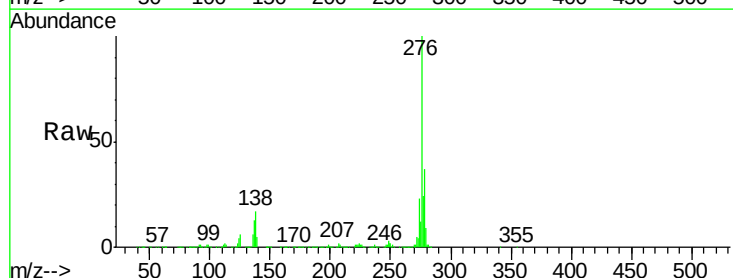
Tgt Ion:276 Resp: 2135814

Ion Ratio Lower Upper

276 100

138 11.0 16.0 24.0#

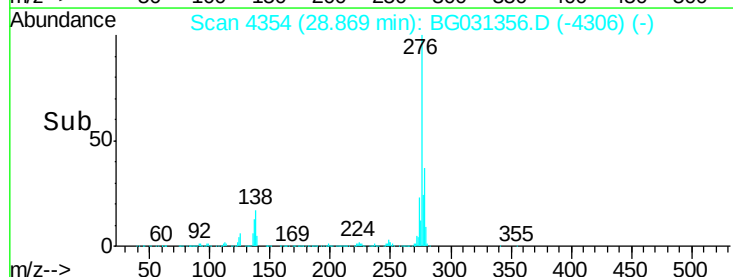
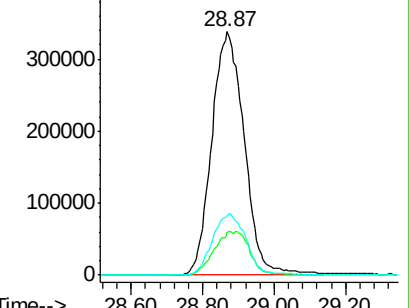
277 26.1 20.0 30.0

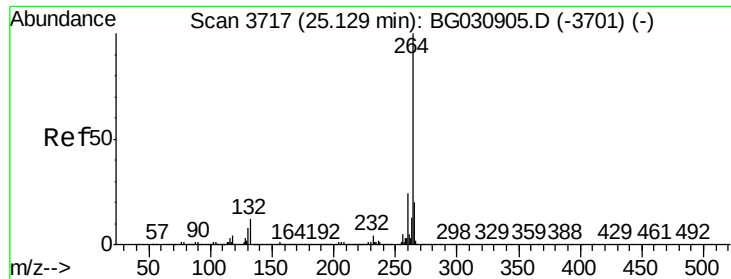


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 25.07 min Scan# 3707

Delta R.T. -0.02 min

Lab File: BG031356.D

Acq: 4 Dec 2017 21:08

Instrument :

BNA_G

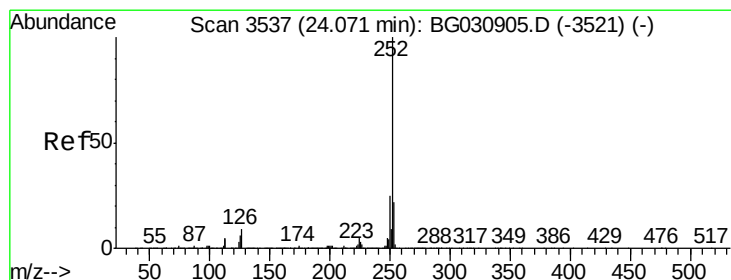
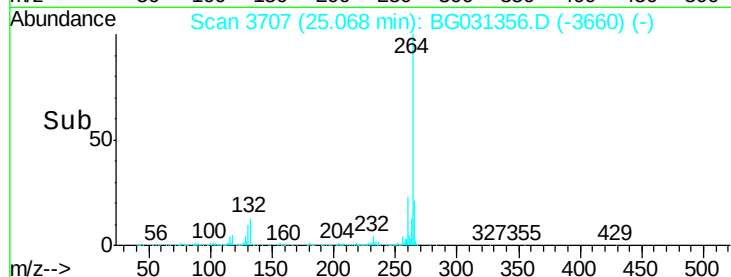
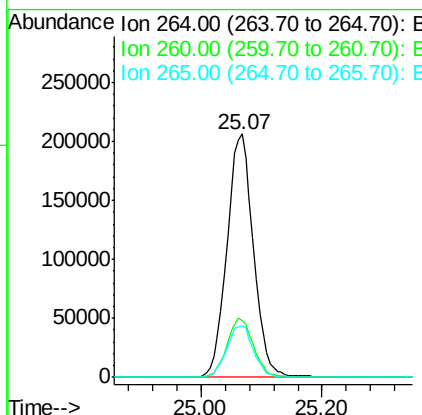
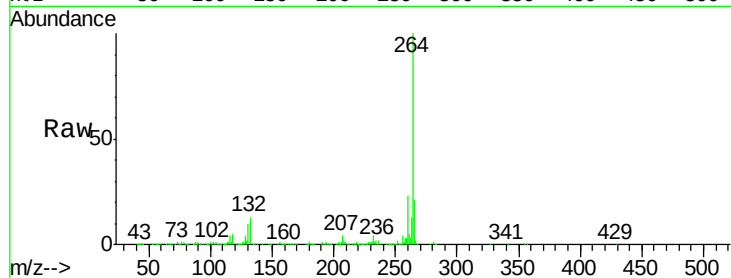
ClientSampleId :

SA-06-120117MS

Tot Ion:	264	Resp:	629877
Ion Ratio		Lower	Upper
264	100		
260	23.5	17.4	26.0
265	21.0	17.7	26.5

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#87

Benzo(b)fluoranthene

Concen: 49.83 ng

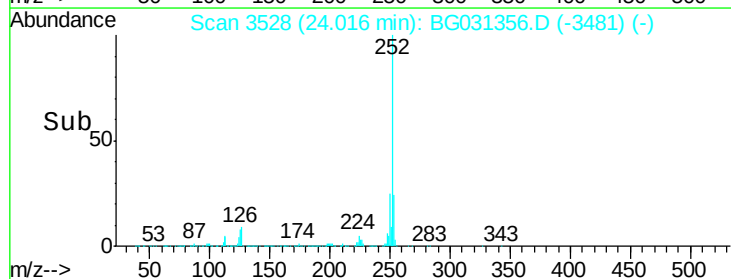
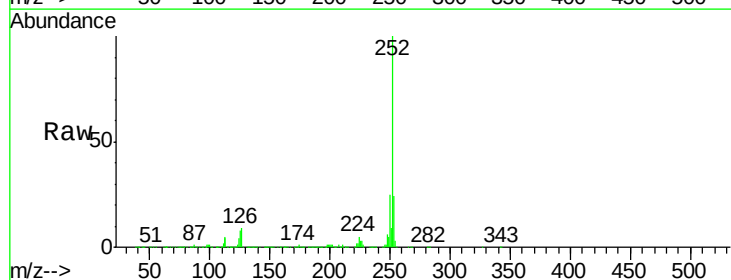
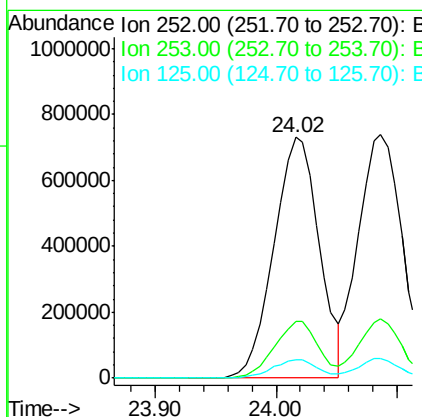
RT: 24.02 min Scan# 3528

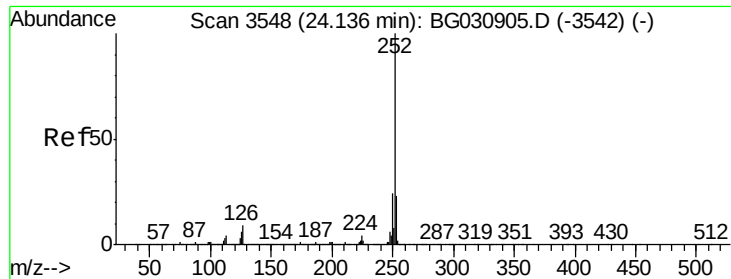
Delta R.T. -0.02 min

Lab File: BG031356.D

Acq: 4 Dec 2017 21:08

Tgt Ion:	252	Resp:	1898502
Ion Ratio		Lower	Upper
252	100		
253	23.5	18.2	27.4
125	7.7	7.2	10.8





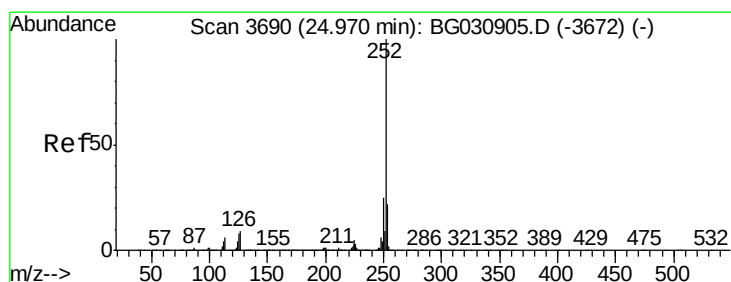
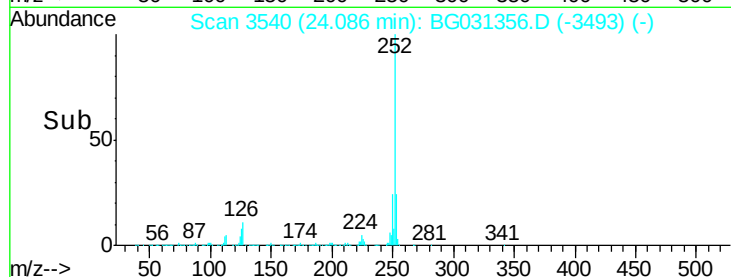
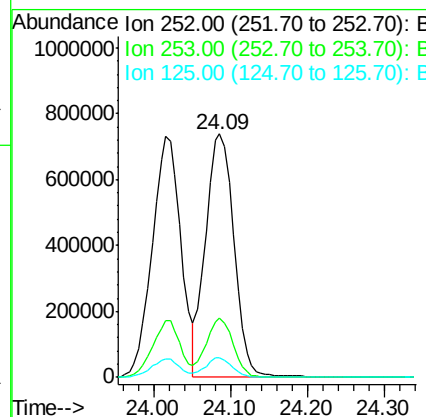
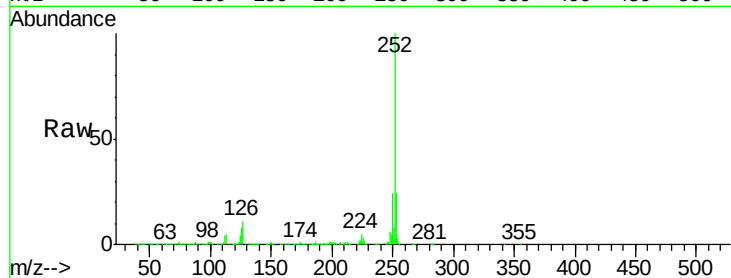
#88
Benzo(k)fluoranthene
Concen: 49.61 ng
RT: 24.09 min Scan# 3540
Delta R.T. -0.02 min
Lab File: BG031356.D
Acq: 4 Dec 2017 21:08

Instrument :
BNA_G
ClientSampleId :
SA-06-120117MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.4	26.2
125	8.3	6.6	9.8

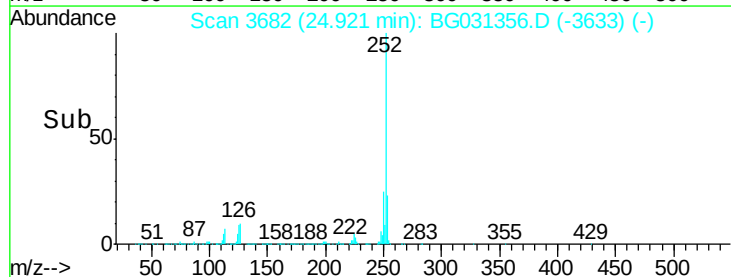
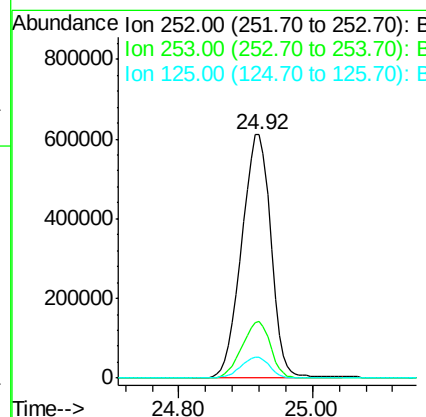
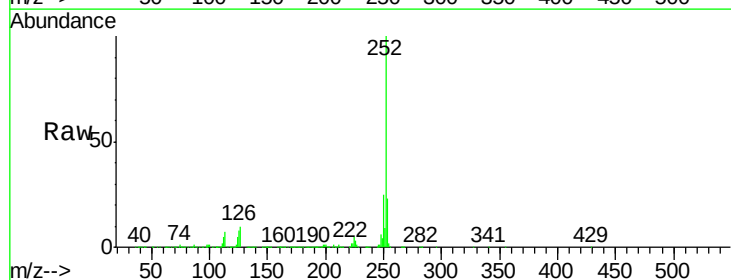
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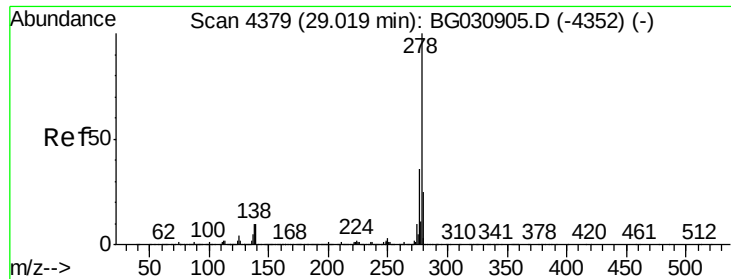
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#89
Benzo(a)pyrene
Concen: 51.13 ng
RT: 24.92 min Scan# 3682
Delta R.T. -0.01 min
Lab File: BG031356.D
Acq: 4 Dec 2017 21:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.3	27.5
125	8.5	7.3	10.9





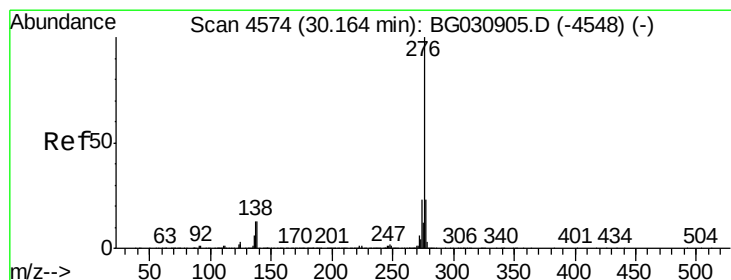
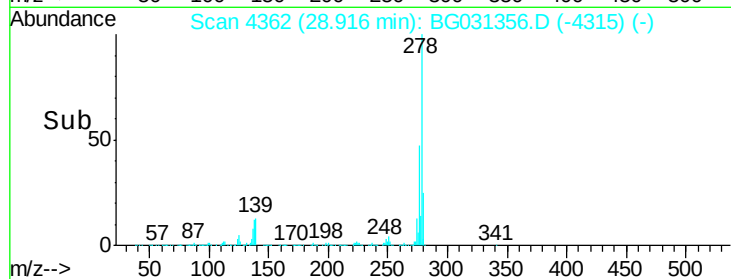
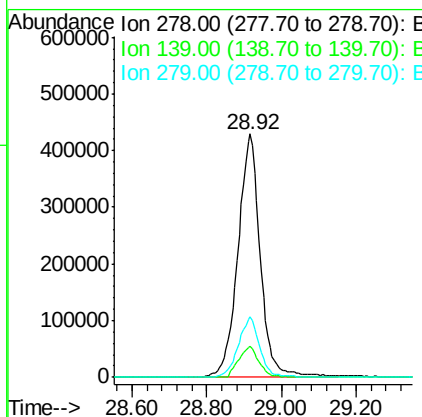
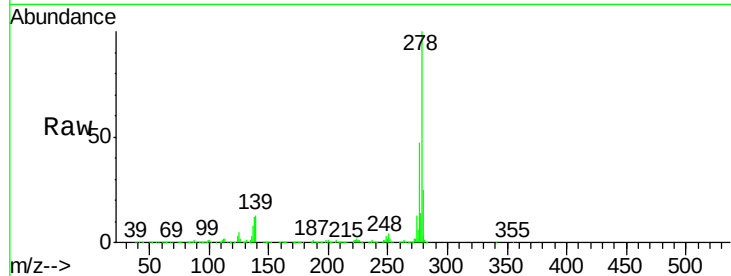
#90
Dibenzo(a,h)anthracene
Concen: 48.36 ng
RT: 28.92 min Scan# 4362
Delta R.T. -0.02 min
Lab File: BG031356.D
Acq: 4 Dec 2017 21:08

Instrument :
BNA_G
ClientSampleId :
SA-06-120117MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.8	9.8	14.6
279	25.0	18.4	27.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 48.01 ng
RT: 30.06 min Scan# 4556
Delta R.T. -0.02 min
Lab File: BG031356.D
Acq: 4 Dec 2017 21:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.3	27.5
138	17.0	13.9	20.9

