

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100418\
 Data File : BG037145.D
 Acq On : 4 Oct 2018 4:17
 Operator : JU/SJ
 Sample : J5194-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-100218-AMS

Manual Integrations
 APPROVED

Sohil
 10/4/2018 12:59:26 PM

Quant Time: Oct 04 05:54:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	46215	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	188615	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	121399	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	321685	20.00	ng	0.00
75) Chrysene-d12	21.67	240	339561	20.00	ng	-0.02
86) Perylene-d12	24.88	264	352862	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	292828	121.51	ng	0.00
7) Phenol-d6	7.20	99	366704	98.35	ng	0.00
23) Nitrobenzene-d5	9.20	82	292973	83.18	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	175841	121.06	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	578334	70.95	ng	-0.02
78) Terphenyl-d14	20.01	244	1132448	87.69	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	47970	43.503	ng	# 86
3) Pyridine	3.93	79	116512	36.594	ng	99
4) n-Nitrosodimethylamine	3.84	42	71211	50.322	ng	# 98
6) Aniline	7.37	93	75555	15.618	ng	98
8) 2-Chlorophenol	7.60	128	128337	45.866	ng	91
9) Benzaldehyde	7.18	77	64293	26.097	ng	95
10) Phenol	7.23	94	144619	37.584	ng	99
11) bis(2-Chloroethyl)ether	7.46	93	129233	36.308	ng	99
12) 1,3-Dichlorobenzene	7.93	146	139497	40.665	ng	98
13) 1,4-Dichlorobenzene	8.07	146	138874	39.559	ng	99
14) 1,2-Dichlorobenzene	8.39	146	136138	40.018	ng	95
15) Benzyl Alcohol	8.28	79	111318	36.796	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.56	45	279954	40.968	ng	99
17) 2-Methylphenol	8.48	107	106689	39.805	ng	95
18) Hexachloroethane	9.12	117	56409	43.664	ng	98
19) n-Nitroso-di-n-propylamine	8.84	70	114688	36.977	ng	94
20) 3+4-Methylphenols	8.81	107	150403	40.336	ng	98
22) Acetophenone	8.86	105	208527	47.046	ng	# 96
24) Nitrobenzene	9.24	77	169168	44.976	ng	97
25) Isophorone	9.76	82	321111	49.895	ng	99
26) 2-Nitrophenol	9.95	139	69946	46.654	ng	98
27) 2,4-Dimethylphenol	10.01	122	121897	52.196	ng	97
28) bis(2-Chloroethoxy)methane	10.24	93	182999	46.082	ng	97
29) 2,4-Dichlorophenol	10.49	162	126112	46.583	ng	97
30) 1,2,4-Trichlorobenzene	10.70	180	141894	41.882	ng	100
31) Naphthalene	10.89	128	424576	47.309	ng	99
32) Benzoic acid	10.01	122	121897	65.686	ng	# 14
33) 4-Chloroaniline	11.02	127	12420	3.044	ng	96
34) Hexachlorobutadiene	11.17	225	96880	41.350	ng	95
35) Caprolactam	11.78	113	36304m	32.581	ng	
36) 4-Chloro-3-methylphenol	12.12	107	150515	46.595	ng	99
37) 2-Methylnaphthalene	12.49	142	318491	46.596	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	175387	41.422	ng	98
40) Hexachlorocyclopentadiene	12.84	237	181328	83.268	ng	100

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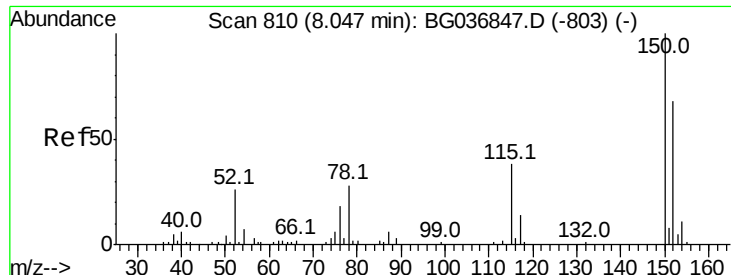
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	109105	46.403	nq	93
43) 2,4,5-Trichlorophenol	13.17	196	116561	46.491	nq	97
45) 1,1'-Biphenyl	13.50	154	410224	44.122	nq	98
46) 2-Chloronaphthalene	13.54	162	316249	43.253	nq	99
47) 2-Nitroaniline	13.75	65	119011	47.059	nq	97
48) Acenaphthylene	14.39	152	547540	47.789	nq	99
49) Dimethylphthalate	14.12	163	433773	44.390	nq	98
50) 2,6-Dinitrotoluene	14.24	165	96203	45.123	nq	100
51) Acenaphthene	14.73	154	317352	45.830	nq	98
52) 3-Nitroaniline	14.58	138	29033	12.923	nq	# 96
53) 2,4-Dinitrophenol	14.78	184	27916	32.917	nq	87
54) Dibenzofuran	15.06	168	520635	44.450	nq	99
55) 4-Nitrophenol	14.88	139	113595	79.147	nq	96
56) 2,4-Dinitrotoluene	15.03	165	137493	46.216	nq	93
57) Fluorene	15.71	166	425476	48.601	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.29	232	118918	46.756	nq	99
59) Diethylphthalate	15.48	149	448080	45.463	nq	97
60) 4-Chlorophenyl-phenylether	15.70	204	233488	42.114	nq	98
61) 4-Nitroaniline	15.73	138	102372	43.320	nq	98
62) Azobenzene	15.99	77	454486	47.992	nq	98
64) 4,6-Dinitro-2-methylphenol	15.79	198	42626	25.345	nq	94
65) n-Nitrosodiphenylamine	15.92	169	383855	43.223	nq	98
66) 4-Bromophenyl-phenylether	16.60	248	149993	40.993	nq	98
67) Hexachlorobenzene	16.72	284	153932	40.847	nq	99
68) Atrazine	16.86	200	163454	45.456	nq	100
69) Pentachlorophenol	17.06	266	122940	51.815	nq	98
70) Phenanthrene	17.45	178	730013	47.092	nq	98
71) Anthracene	17.54	178	753565	49.161	nq	99
72) Carbazole	17.81	167	668103	44.704	nq	98
73) Di-n-butylphthalate	18.36	149	794572	47.874	nq	99
74) Fluoranthene	19.46	202	909233	48.727	nq	99
76) Benzidine	19.64	184	124023	12.082	nq	96
77) Pyrene	19.82	202	909883	44.654	nq	100
79) Butylbenzylphthalate	20.70	149	387109	47.662	nq	97
80) Benzo(a)anthracene	21.66	228	907234	45.770	nq	99
81) 3,3'-Dichlorobenzidine	21.57	252	132979	17.625	nq	99
82) Chrysene	21.72	228	864933	45.162	nq	99
83) Bis(2-ethylhexyl)phthalate	21.56	149	533780	47.045	nq	99
84) Di-n-octyl phthalate	22.76	149	904306	48.408	nq	99
85) Indeno(1,2,3-cd)pyrene	28.53	276	1005328	48.883	nq	# 93
87) Benzo(b)fluoranthene	23.86	252	891283	47.396	nq	97
88) Benzo(k)fluoranthene	23.93	252	871433	46.190	nq	98
89) Benzo(a)pyrene	24.73	252	873729	48.060	nq	99
90) Dibenzo(a,h)anthracene	28.58	278	814802	47.821	nq	99
91) Benzo(g,h,i)perylene	29.67	276	834628	48.808	nq	99

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



#1

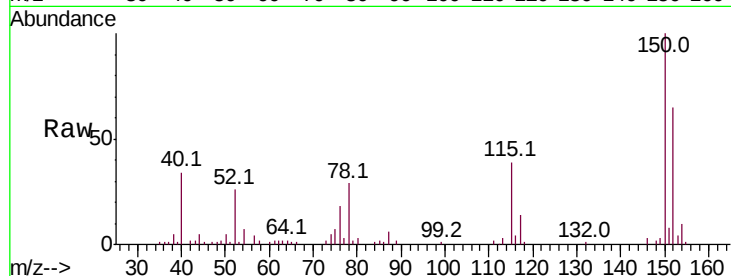
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 808
Delta R.T. -0.01 min
Lab File: BG037145.D
Acq: 4 Oct 2018 4:17

Instrument :
BNA_G
ClientSampleId :
HR-06-100218-AMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	119.5	179.3
115	60.1	44.5	66.7

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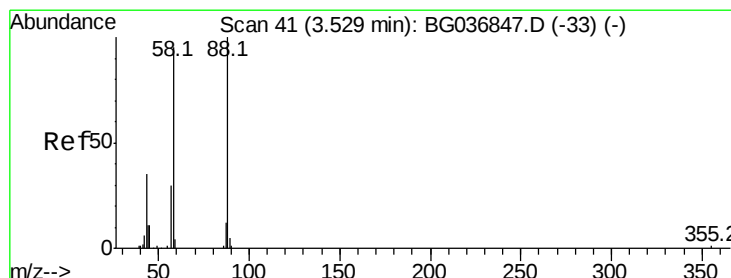
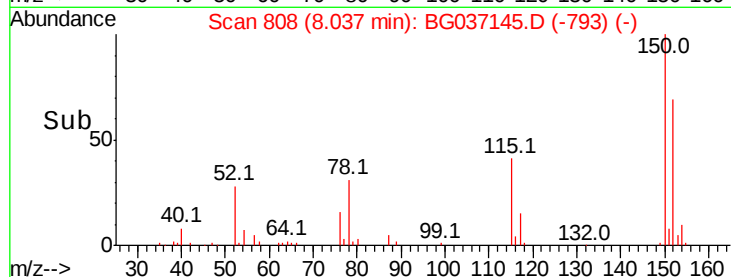
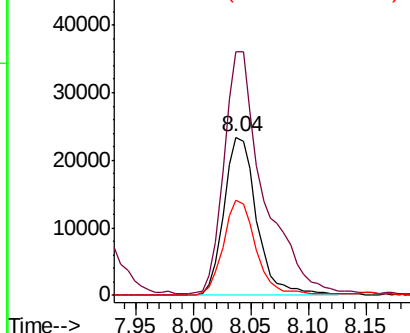


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

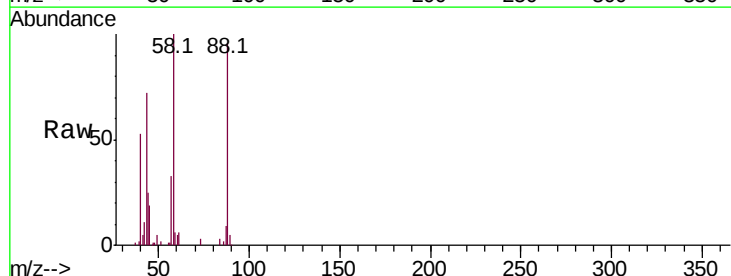
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 43.503 ng
RT: 3.53 min Scan# 41
Delta R.T. 0.00 min
Lab File: BG037145.D
Acq: 4 Oct 2018 4:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.0	72.6	109.0
43	59.9	29.0	43.4#

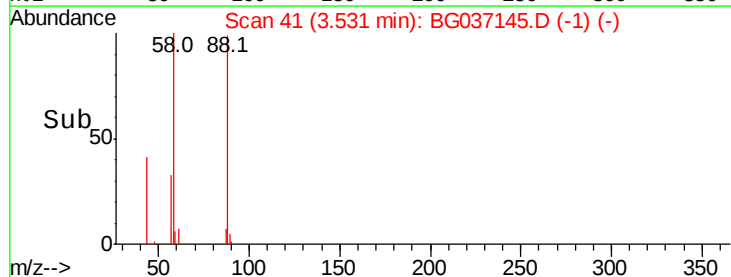
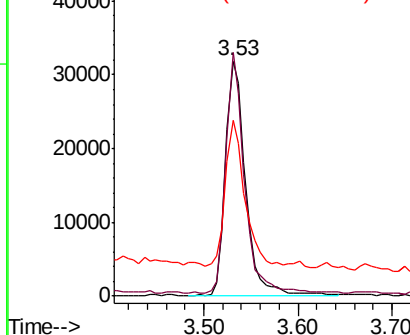


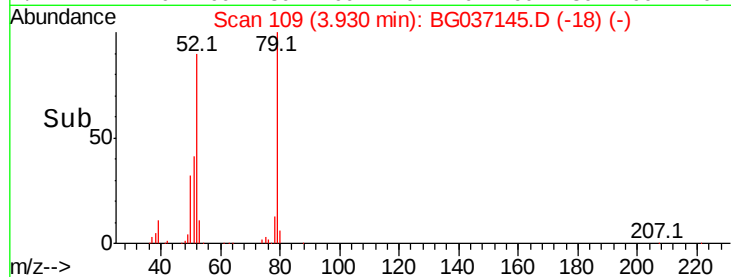
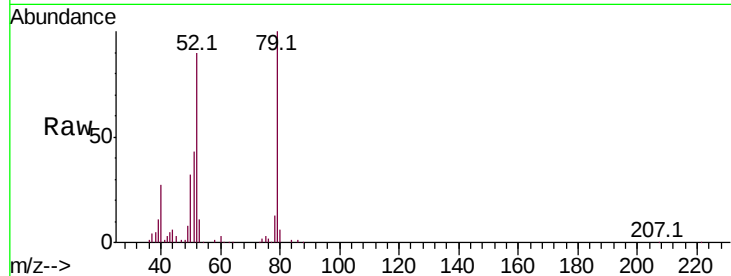
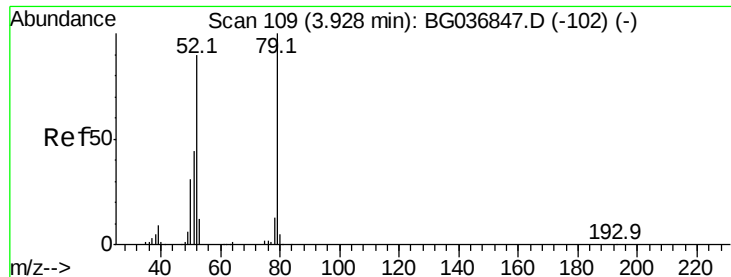
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





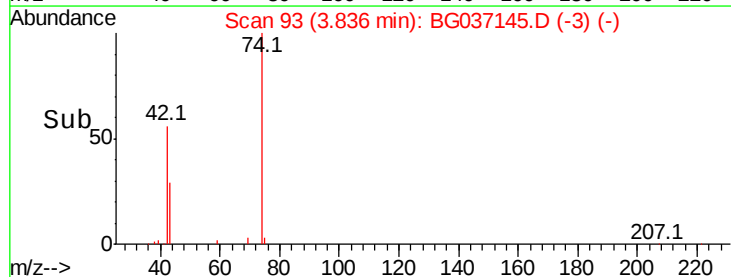
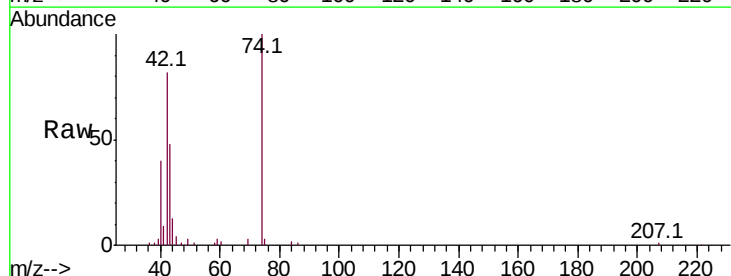
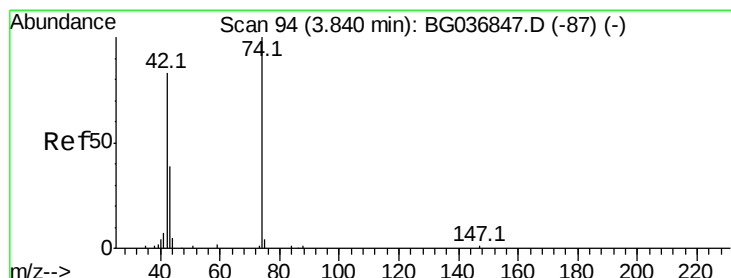
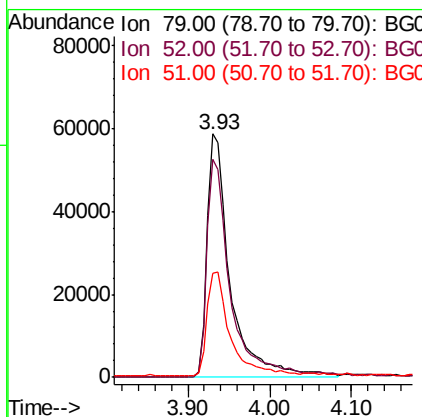
#3
Pvridine
Concen: 36.594 ng
RT: 3.93 min Scan# 109
Delta R.T. 0.00 min
Lab File: BG037145.D
Acq: 4 Oct 2018 4:17

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
52	89.8	72.3	108.5	
51	42.6	33.8	50.6	

Instrument :
BNA_G
ClientSampleId :
HR-06-100218-AMS

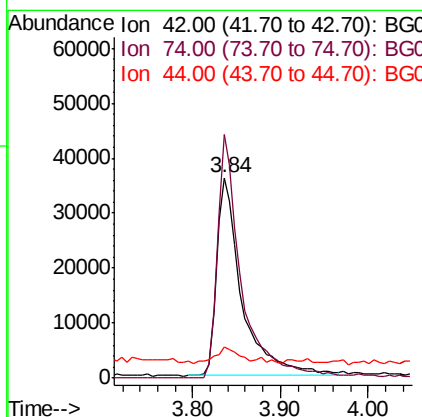
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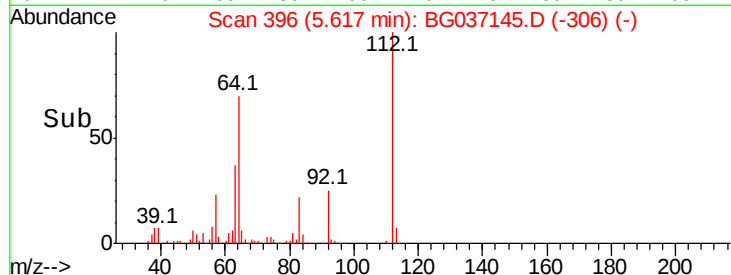
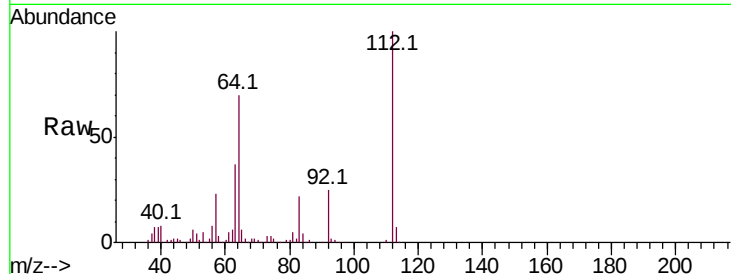
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#4
n-Nitrosodimethylamine
Concen: 50.322 ng
RT: 3.84 min Scan# 93
Delta R.T. -0.00 min
Lab File: BG037145.D
Acq: 4 Oct 2018 4:17

Tgt Ion	Ratio	Resp	Lower	Upper
42	100			
74	121.6	96.6	145.0	
44	15.7	7.0	10.4	





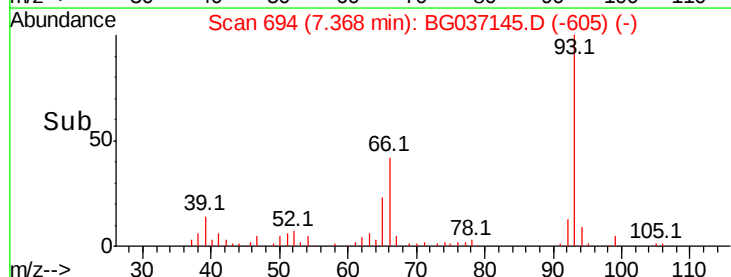
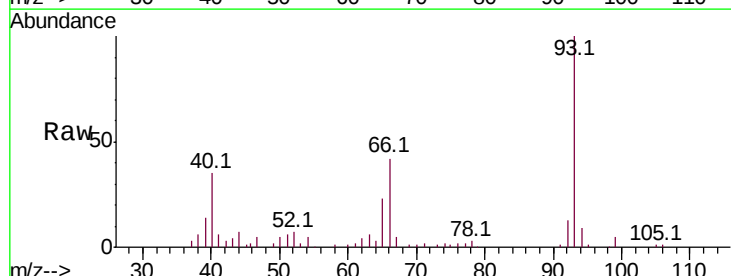
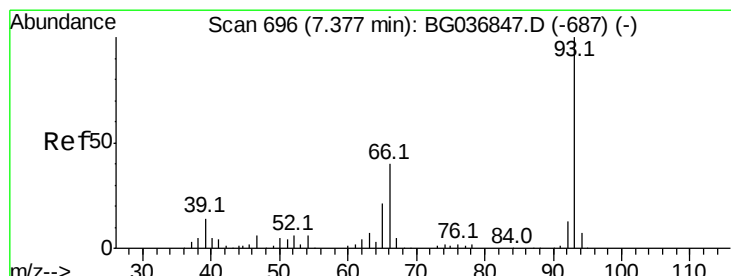
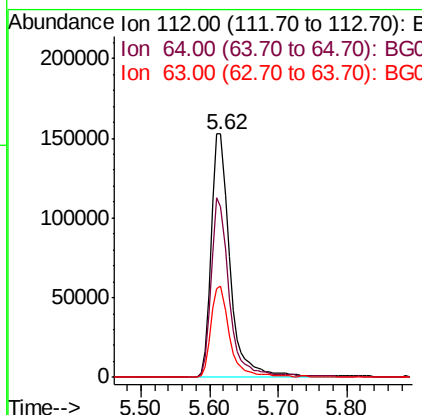
#5
2-Fluorophenol
Concen: 121.515 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG037145.D
Acq: 4 Oct 2018 4:17

Tot Ion	Ratio	Resp	Lower	Upper
112	100	292828		
64	70.2		57.2	85.8
63	37.3		30.8	46.2

Instrument :
BNA_G
ClientSampleId :
HR-06-100218-AMS

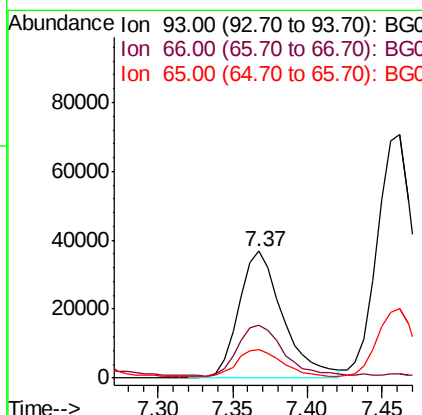
Manual Integrations
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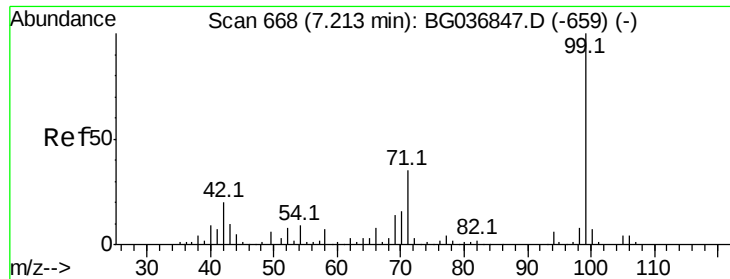
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#6
Aniline
Concen: 15.618 ng
RT: 7.37 min Scan# 694
Delta R.T. -0.01 min
Lab File: BG037145.D
Acq: 4 Oct 2018 4:17

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	75555		
66	42.0		35.0	52.4
65	22.8		17.6	26.4





#7

Phenol-d6

Concen: 98.354 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037145.D

Acq: 4 Oct 2018 4:17

Instrument :

BNA_G

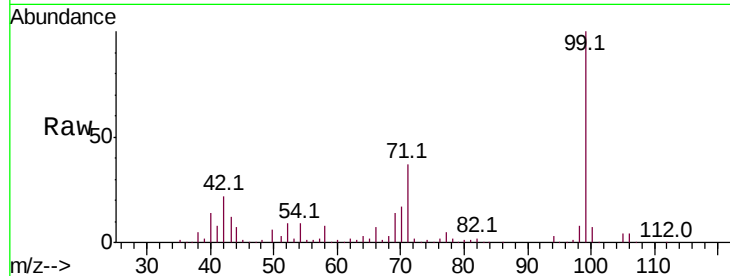
ClientSampleId :

HR-06-100218-AMS

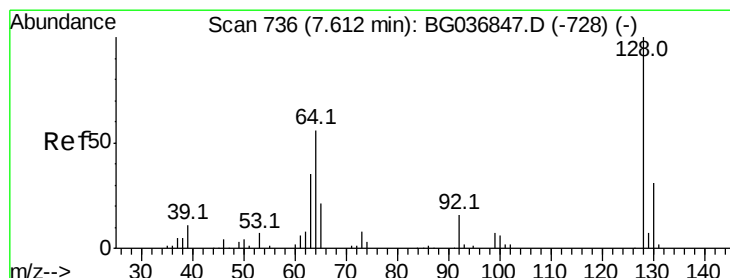
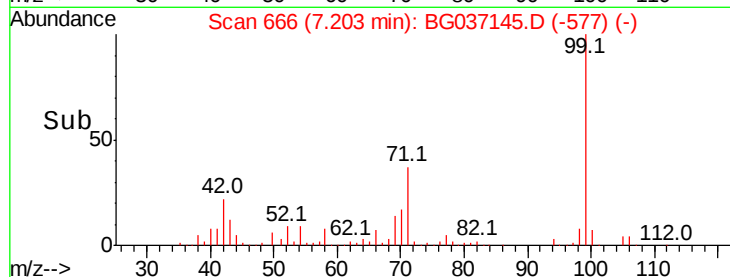
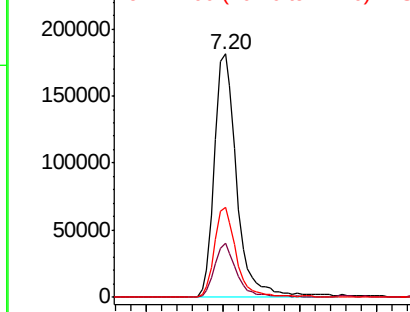
Tot Ion:	99	Resp:	366704
Ion	Ratio	Lower	Upper
99	100		
42	22.4	16.5	24.7
71	36.8	29.4	44.2

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



#8

2-Chlorophenol

Concen: 45.866 ng

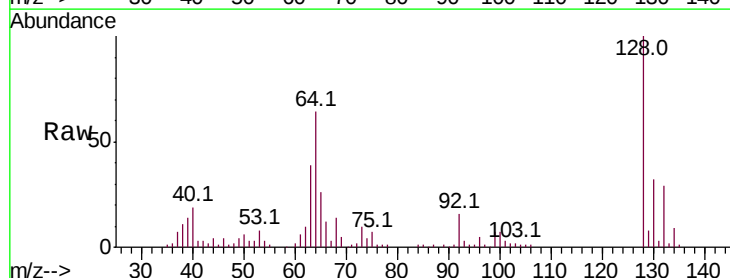
RT: 7.60 min Scan# 734

Delta R.T. -0.01 min

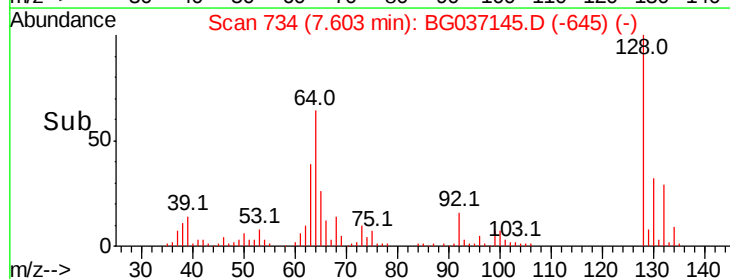
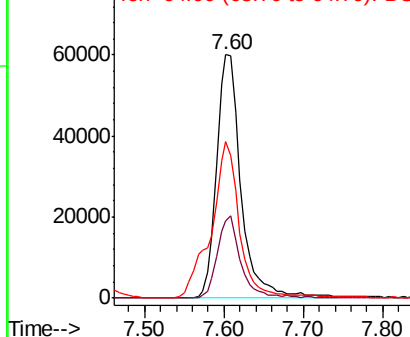
Lab File: BG037145.D

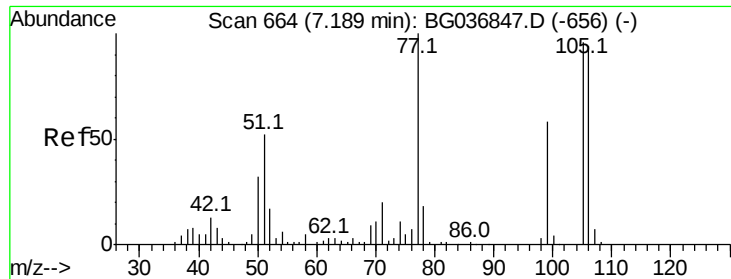
Acq: 4 Oct 2018 4:17

Tgt Ion:	128	Resp:	128337
Ion	Ratio	Lower	Upper
128	100		
130	31.9	10.0	50.0
64	64.4	36.0	76.0



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





#9

Benzaldehyde

Concen: 26.097 ng

RT: 7.18 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG037145.D

Acq: 4 Oct 2018 4:17

Instrument :

BNA_G

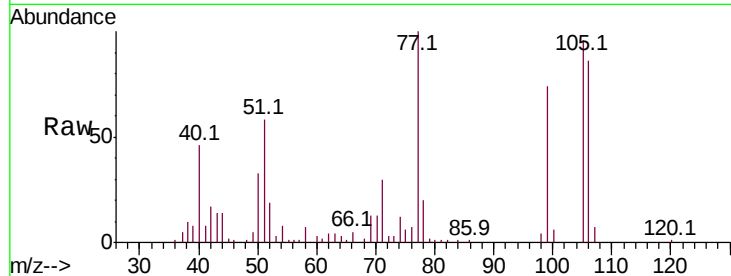
ClientSampleId :

HR-06-100218-AMS

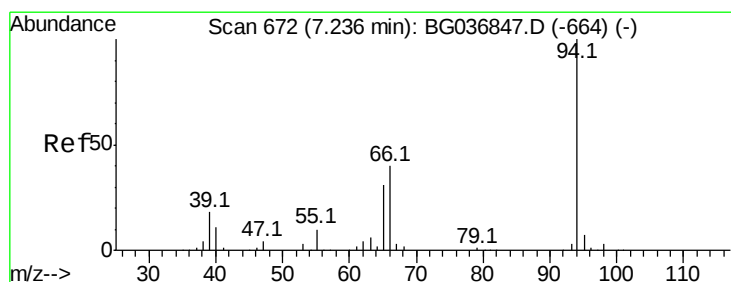
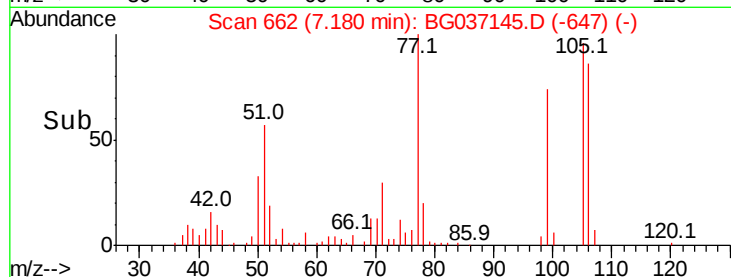
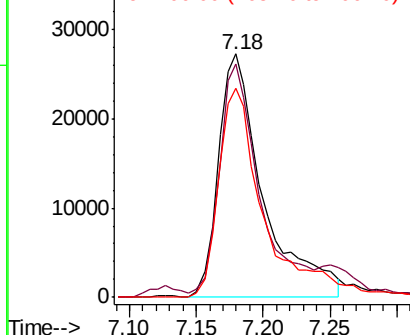
Tot Ion:	77	Resp:	64293
Ion	Ratio	Lower	Upper
77	100		
105	95.6	70.5	110.5
106	85.8	69.8	109.8

Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 37.584 ng

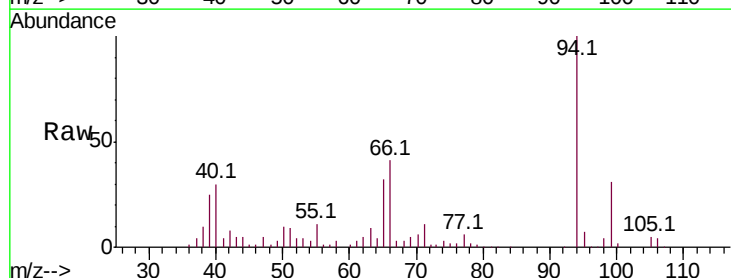
RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

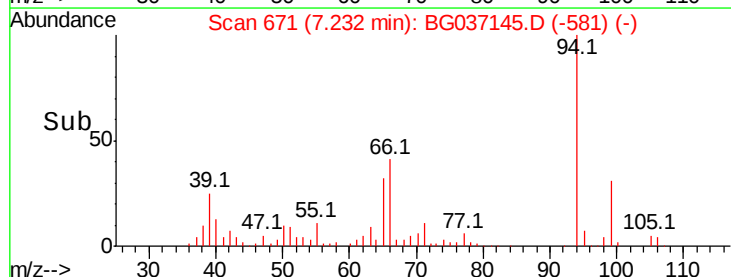
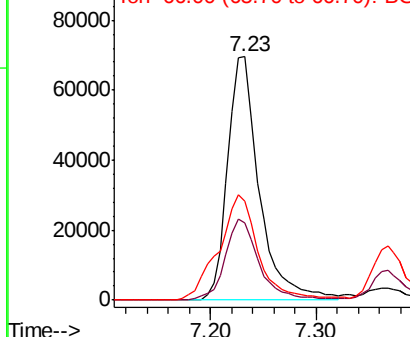
Lab File: BG037145.D

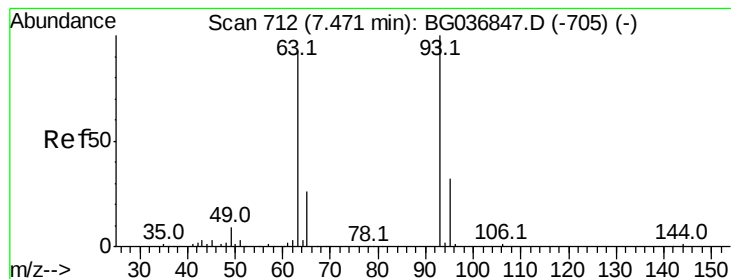
Acq: 4 Oct 2018 4:17

Tgt Ion:	94	Resp:	144619
Ion	Ratio	Lower	Upper
94	100		
65	31.6	11.5	51.5
66	40.6	19.5	59.5



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





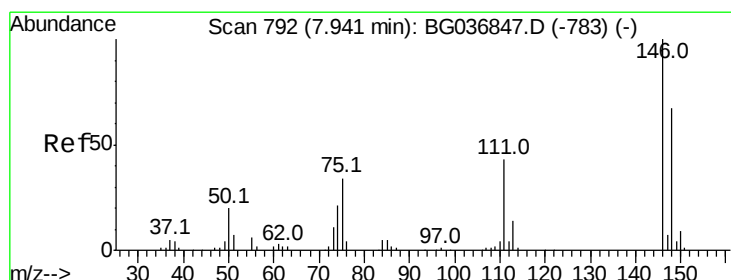
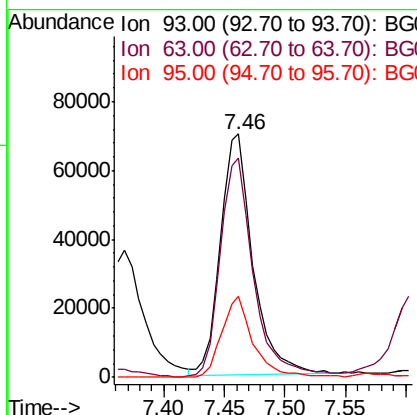
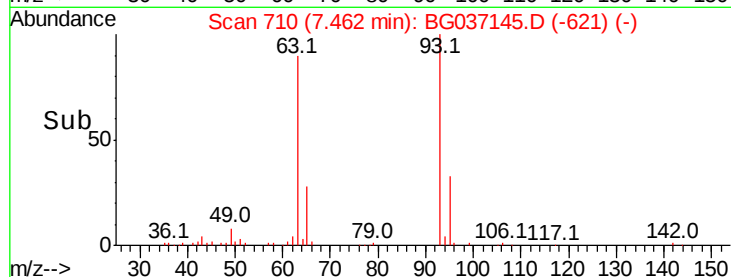
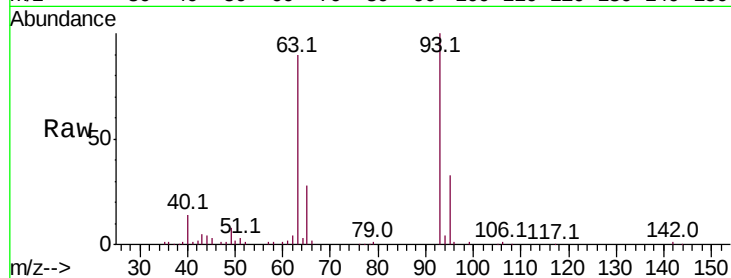
#11
bis(2-Chloroethyl)ether
Concen: 36.308 ng
RT: 7.46 min Scan# 710
Delta R.T. -0.01 min
Lab File: BG037145.D
Acq: 4 Oct 2018 4:17

Instrument :
BNA_G
ClientSampleId :
HR-06-100218-AMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	90.0	69.9	109.9
95	33.3	11.7	51.7

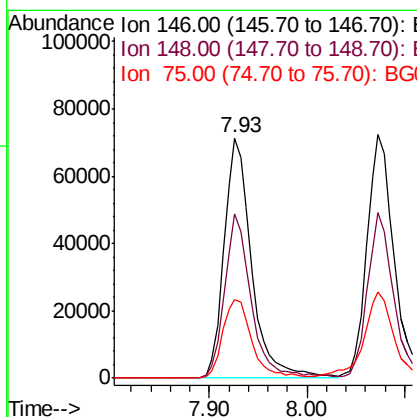
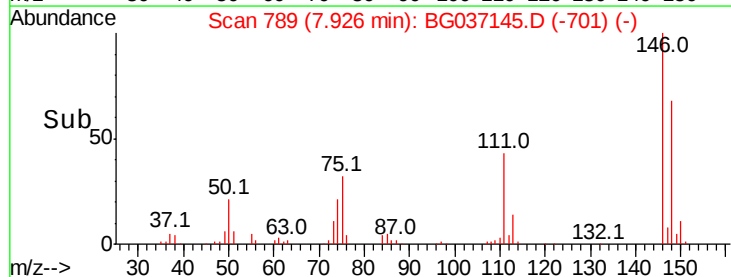
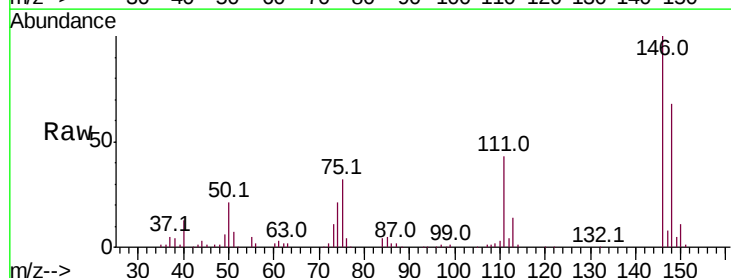
Manual Integrations
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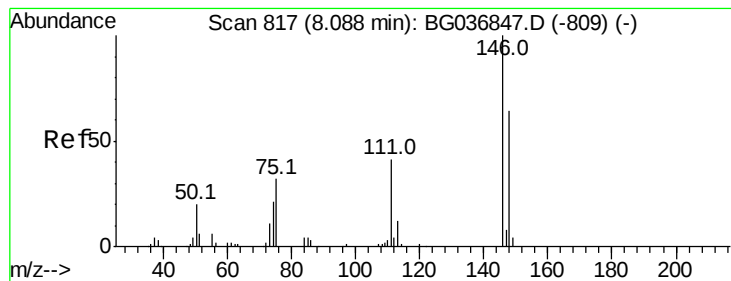
Sohil
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#12
1,3-Dichlorobenzene
Concen: 40.665 ng
RT: 7.93 min Scan# 789
Delta R.T. -0.02 min
Lab File: BG037145.D
Acq: 4 Oct 2018 4:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.2	53.8	80.6
75	32.5	27.2	40.8





#13

1,4-Dichlorobenzene

Concen: 39.559 ng

RT: 8.07 min Scan# 814

Delta R.T. -0.02 min

Lab File: BG037145.D

Acq: 4 Oct 2018 4:17

Instrument :

BNA_G

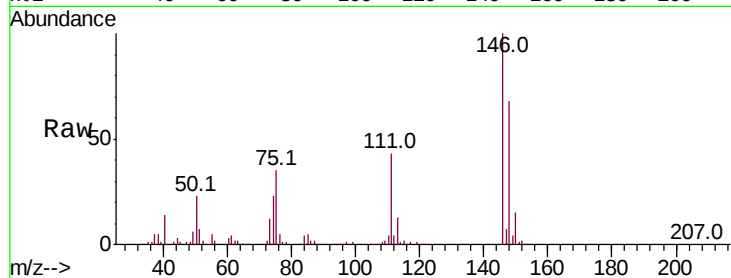
ClientSampleId :

HR-06-100218-AMS

Tot Ion:	146	Resp:	138874
Ion Ratio	Lower	Upper	
146	100		
148	67.9	53.9	80.9
111	43.0	33.8	50.6

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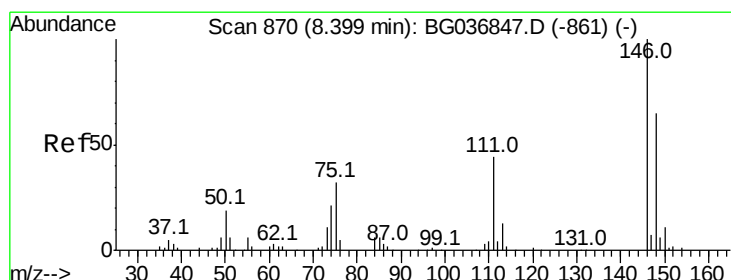
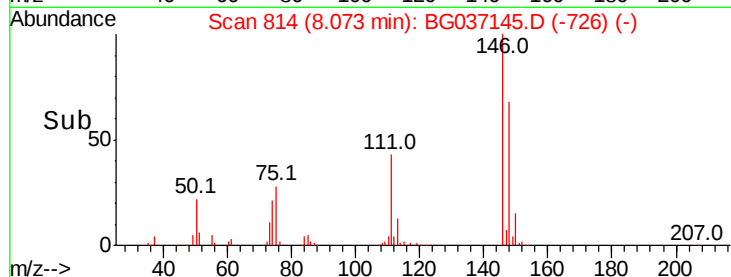
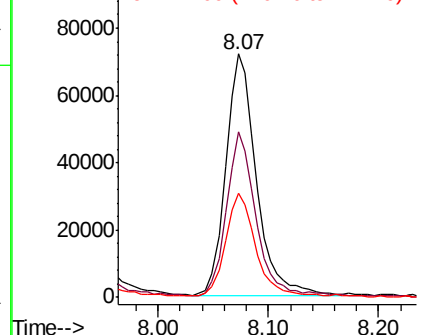


Abundance

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: 40.018 ng

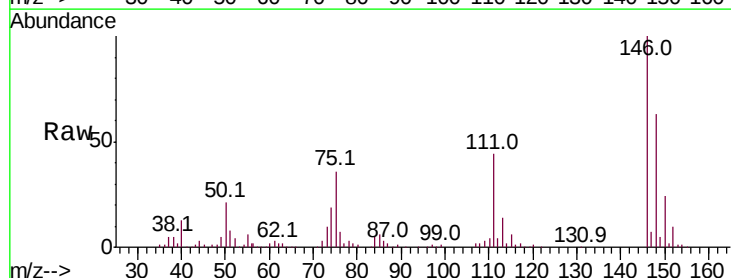
RT: 8.39 min Scan# 868

Delta R.T. -0.01 min

Lab File: BG037145.D

Acq: 4 Oct 2018 4:17

Tgt Ion:	146	Resp:	136138
Ion Ratio	Lower	Upper	
146	100		
148	63.2	55.0	82.6
111	44.3	34.6	51.8

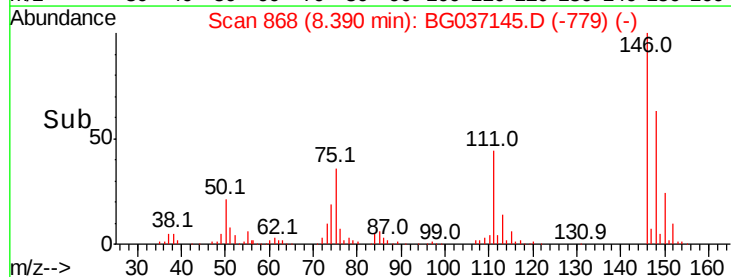
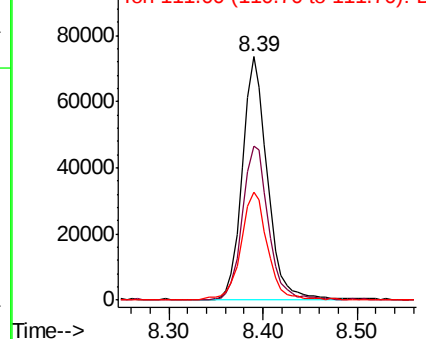


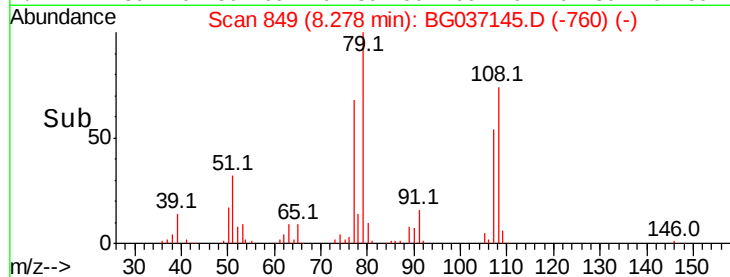
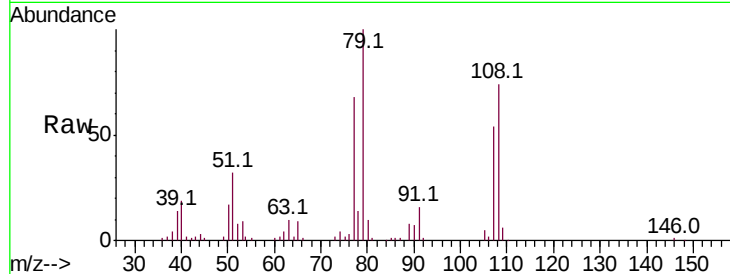
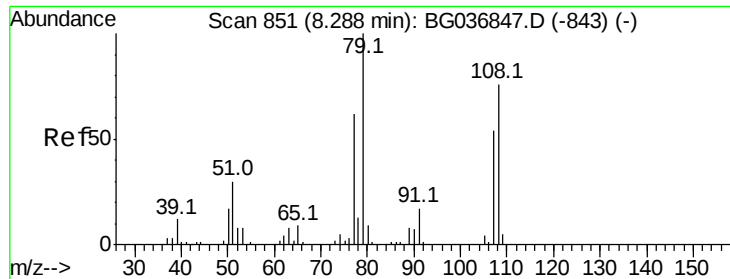
Abundance

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: 36.796 ng

RT: 8.28 min Scan# 849

Delta R.T. -0.01 min

Lab File: BG037145.D

Acq: 4 Oct 2018 4:17

Tot Ion:	79	Resp:	111318
Ion Ratio	Lower	Upper	
79	100		
108	74.2	55.9	83.9
77	67.6	50.0	75.0

Instrument :

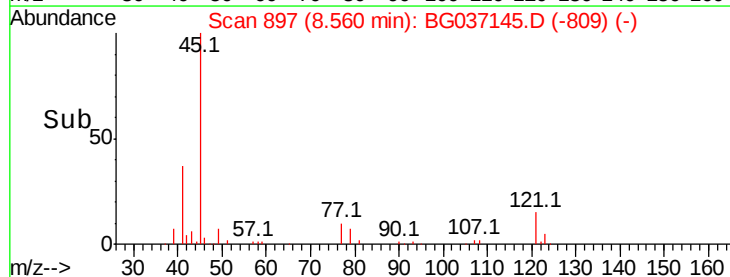
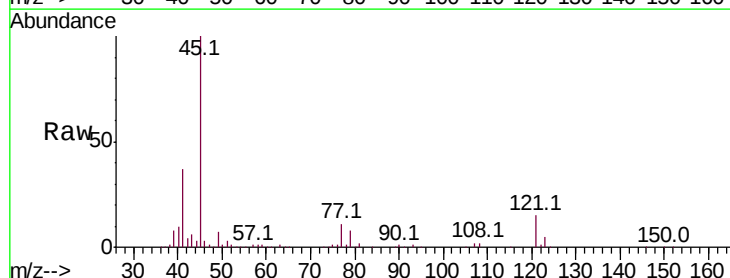
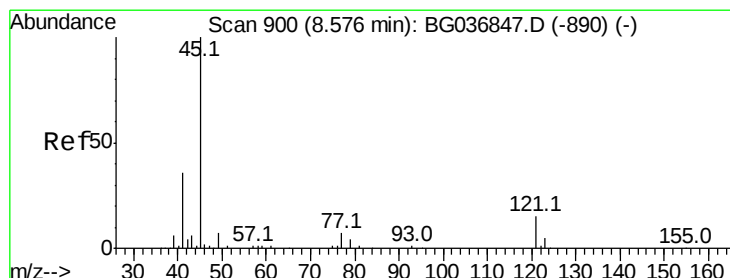
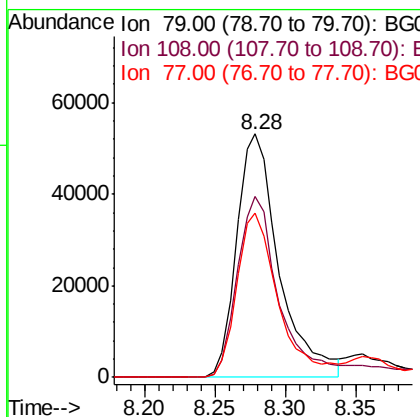
BNA_G

ClientSampleId :

HR-06-100218-AMS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.968 ng

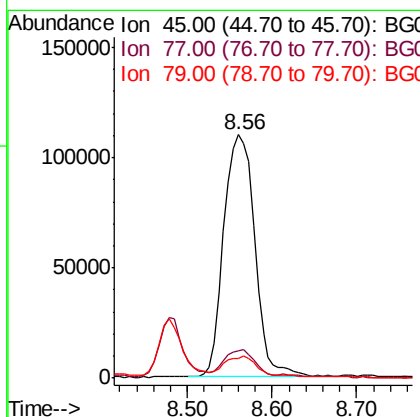
RT: 8.56 min Scan# 897

Delta R.T. -0.02 min

Lab File: BG037145.D

Acq: 4 Oct 2018 4:17

Tgt Ion:	45	Resp:	279954
Ion Ratio	Lower	Upper	
45	100		
77	11.2	0.0	30.5
79	8.1	0.0	27.9





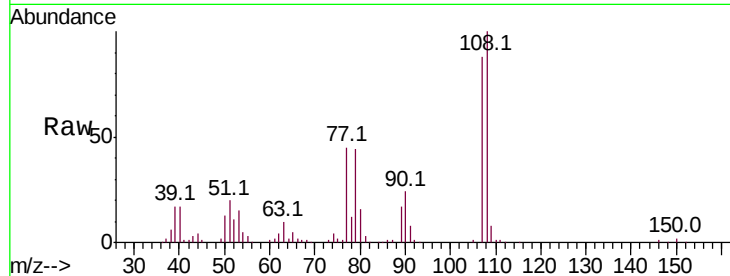
#17
2-Methylphenol
Concen: 39.805 ng
RT: 8.48 min Scan# 883
Delta R.T. -0.01 min
Lab File: BG037145.D
Acq: 4 Oct 2018 4:17

Instrument :
BNA_G
ClientSampleId :
HR-06-100218-AMS

Tot Ion	107	Resp	106689
Ion Ratio	Lower	Upper	
107	100		
108	114.0	86.7	130.1
77	51.6	39.0	58.4
79	49.8	36.6	54.8

Manual Integrations
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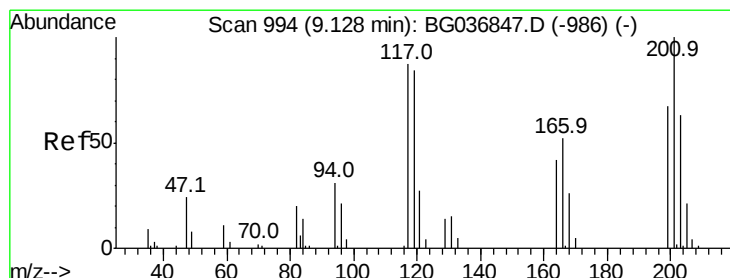
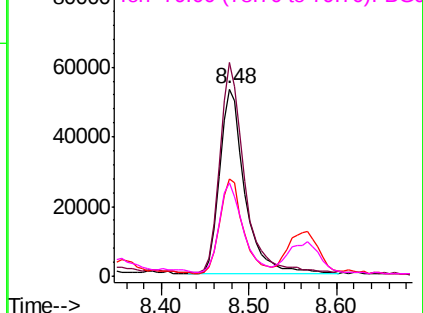
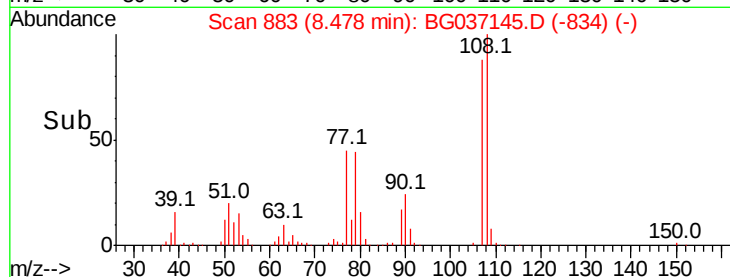
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

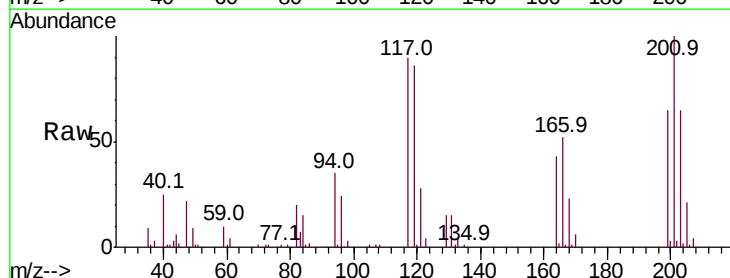
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 43.664 ng
RT: 9.12 min Scan# 992
Delta R.T. -0.01 min
Lab File: BG037145.D
Acq: 4 Oct 2018 4:17

Tgt Ion	117	Resp	56409
Ion Ratio	Lower	Upper	
117	100		
119	96.3	76.8	115.2
201	111.3	85.7	128.5

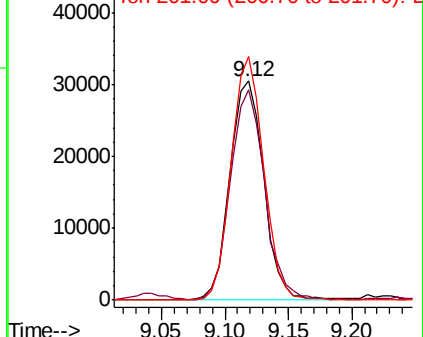
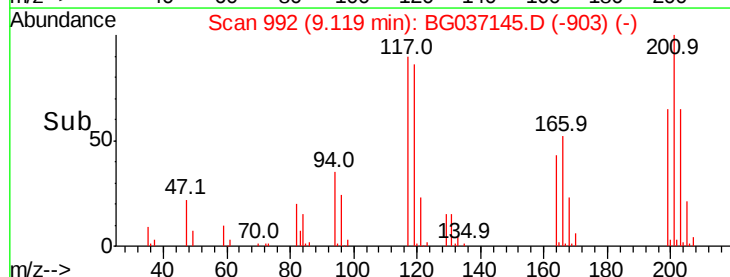


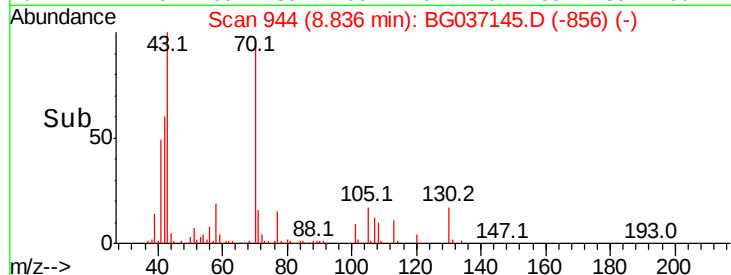
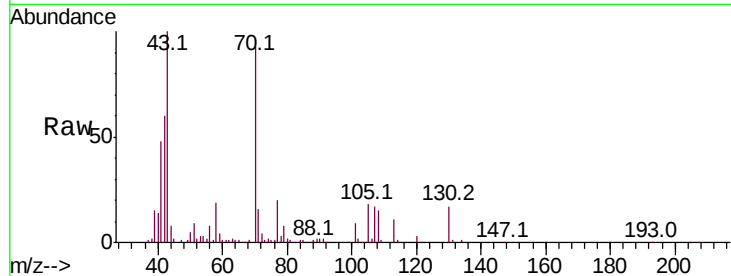
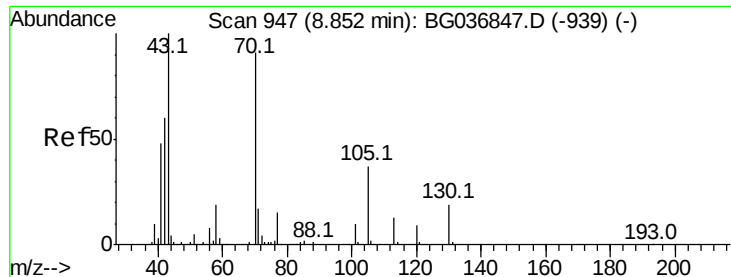
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





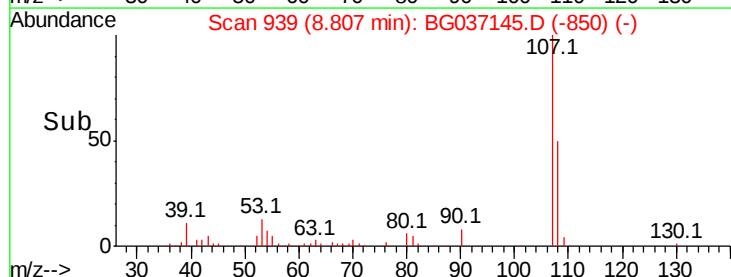
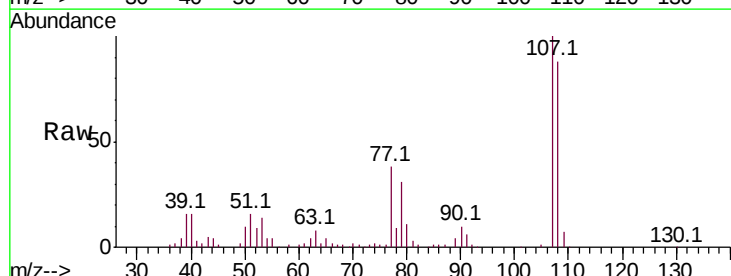
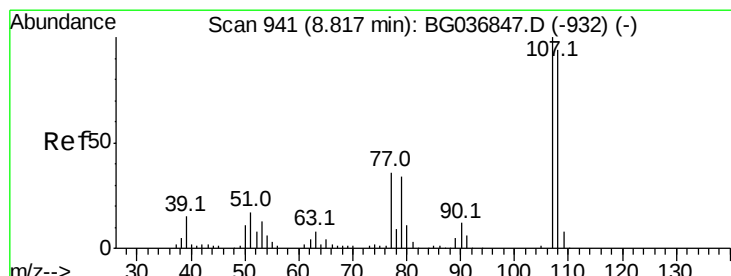
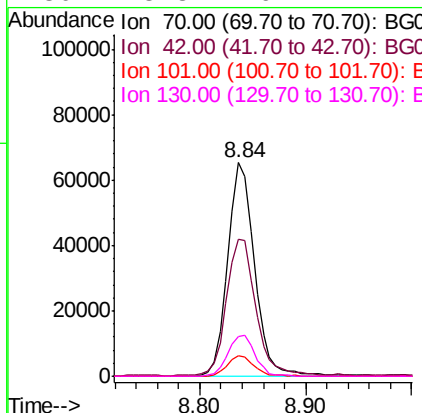
#19
n-Nitroso-di-n-propylamine
Concen: 36.977 ng
RT: 8.84 min Scan# 944
Delta R.T. -0.02 min
Lab File: BG037145.D
Acq: 4 Oct 2018 4:17

Instrument :
BNA_G
ClientSampleId :
HR-06-100218-AMS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	64.3	56.2	84.4	
101	9.5	7.8	11.6	
130	18.3	16.2	24.2	

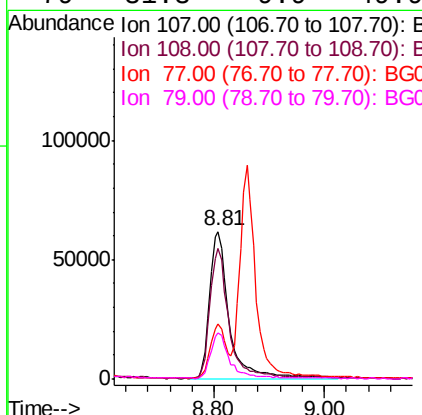
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#20
3+4-Methylphenols
Concen: 40.336 ng
RT: 8.81 min Scan# 939
Delta R.T. -0.01 min
Lab File: BG037145.D
Acq: 4 Oct 2018 4:17

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.4	68.0	108.0	
77	37.7	15.6	55.6	
79	31.3	9.9	49.9	





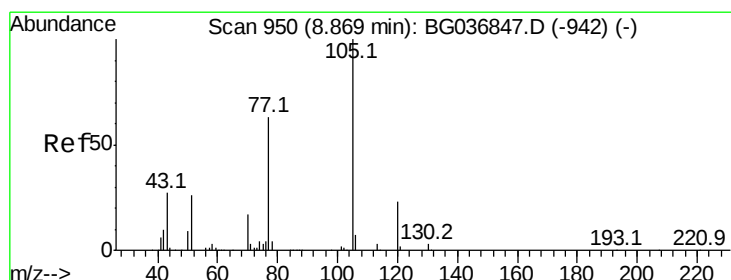
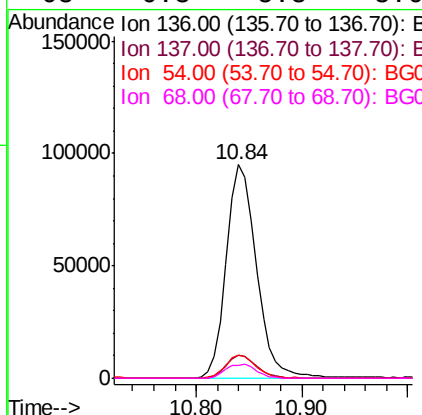
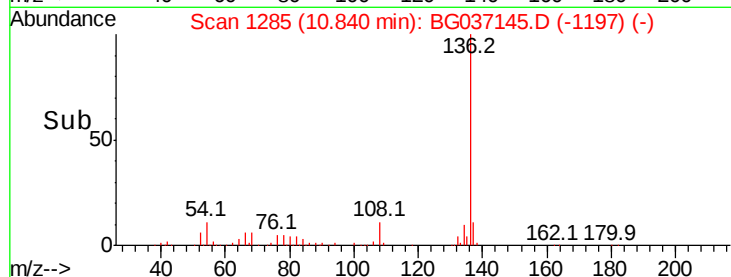
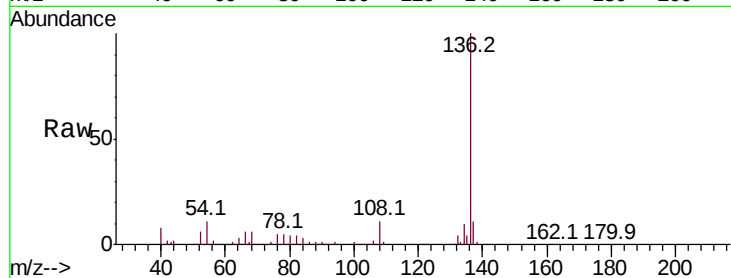
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BG037145.D
Acq: 4 Oct 2018 4:17

Instrument :
BNA_G
ClientSampleId :
HR-06-100218-AMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.8	13.2	
54	10.9	9.2	13.8	
68	6.3	5.8	8.6	

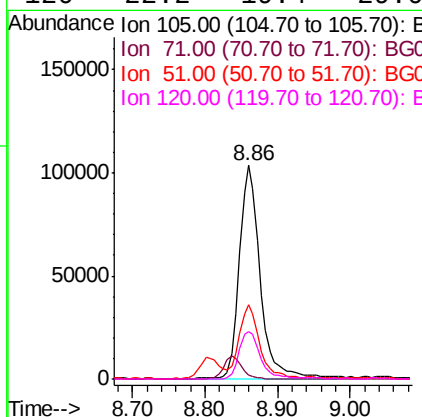
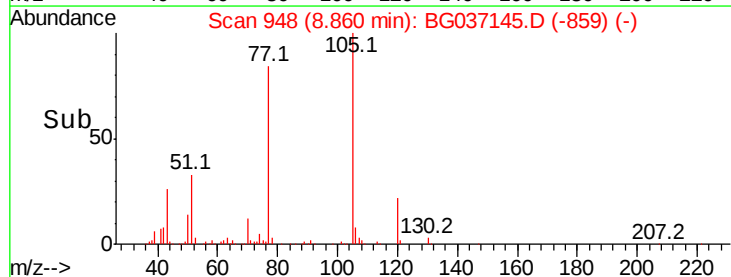
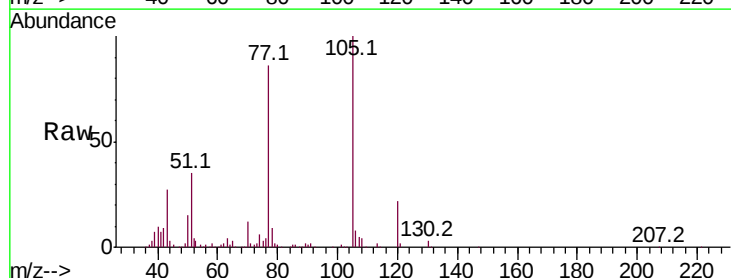
Manual Integrations
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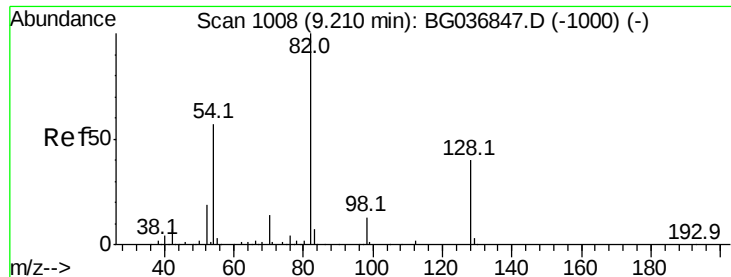
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#22
Acetophenone
Concen: 47.046 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG037145.D
Acq: 4 Oct 2018 4:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.9	2.4	3.6#	
51	34.8	25.9	38.9	
120	22.2	19.4	29.0	





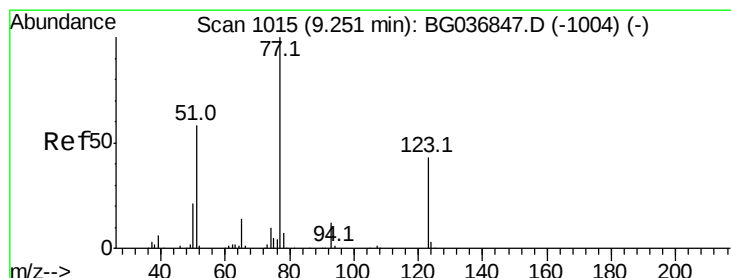
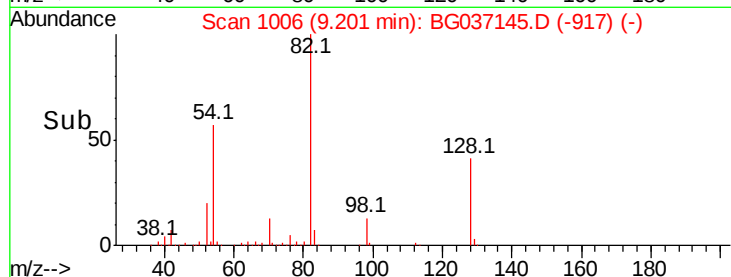
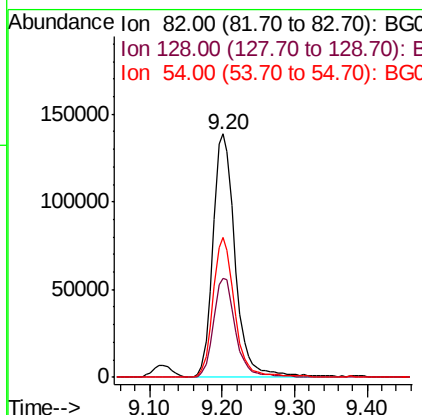
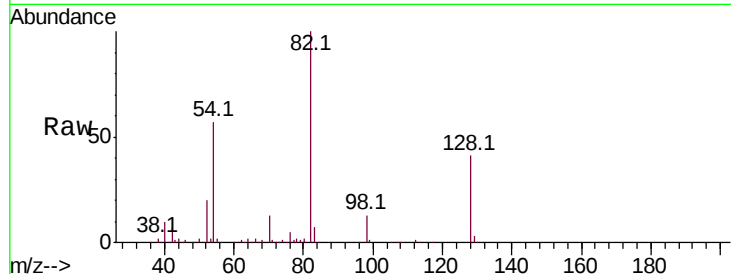
#23
 Nitrobenzene-d5
 Concen: 83.180 ng
 RT: 9.20 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BG037145.D
 Acq: 4 Oct 2018 4:17

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-100218-AMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	292973		
128	40.6	33.3	49.9	
54	57.5	45.1	67.7	

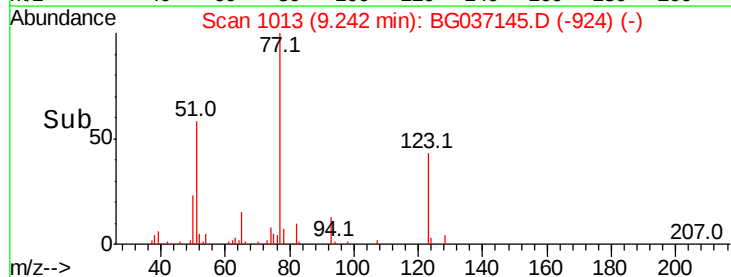
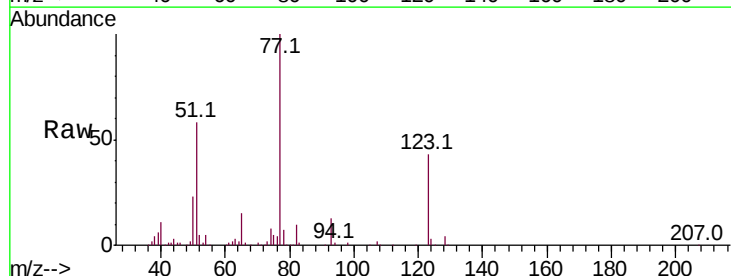
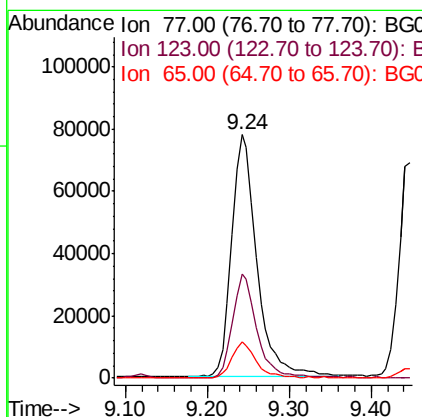
Manual Integrations
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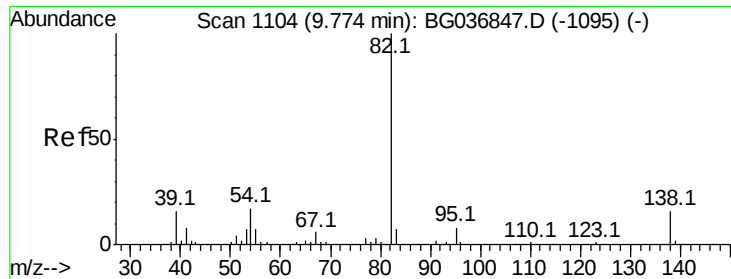
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#24
 Nitrobenzene
 Concen: 44.976 ng
 RT: 9.24 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: BG037145.D
 Acq: 4 Oct 2018 4:17

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	169168		
123	42.6	32.4	48.6	
65	14.8	11.5	17.3	





#25

Isophorone

Concen: 49.895 ng

RT: 9.76 min Scan# 1101

Delta R.T. -0.02 min

Lab File: BG037145.D

Acq: 4 Oct 2018 4:17

Instrument :

BNA_G

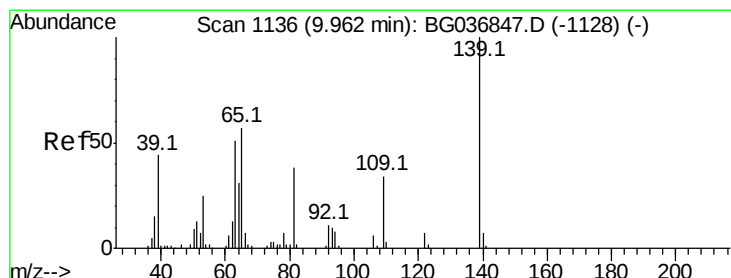
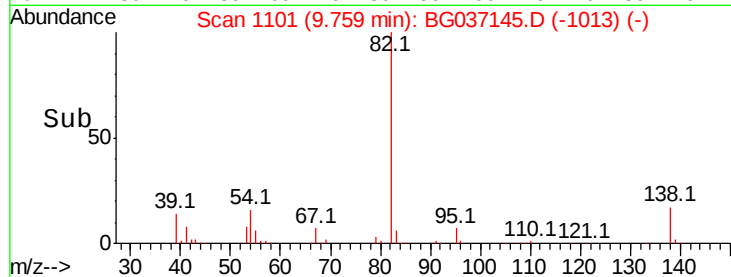
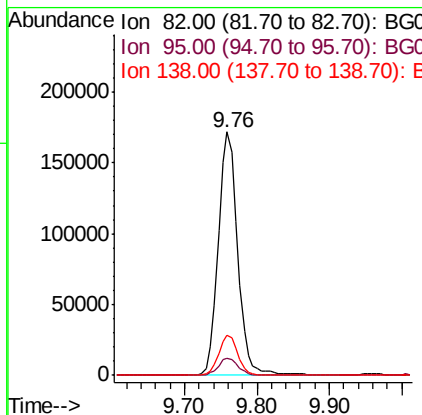
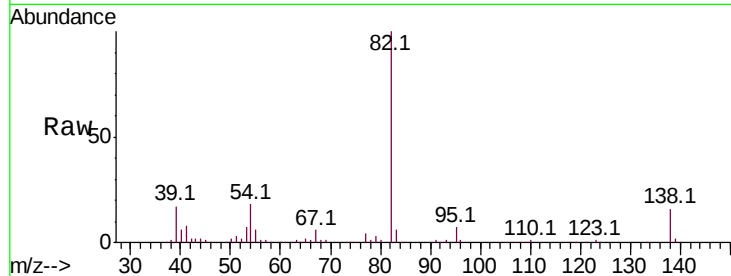
ClientSampleId :

HR-06-100218-AMS

Tot Ion:	82	Resp:	321111
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.8	8.8
138	16.5	12.9	19.3

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#26

2-Nitrophenol

Concen: 46.654 ng

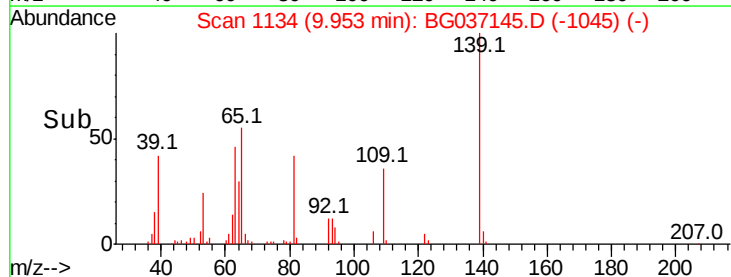
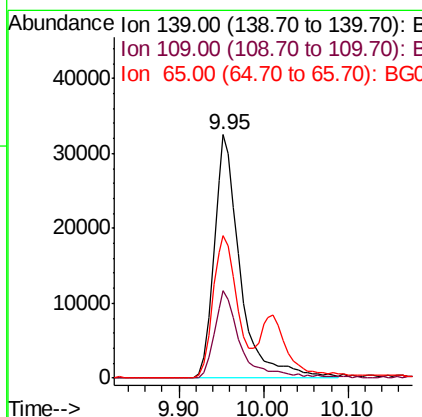
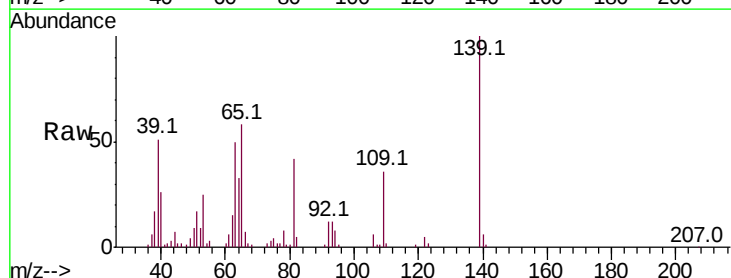
RT: 9.95 min Scan# 1134

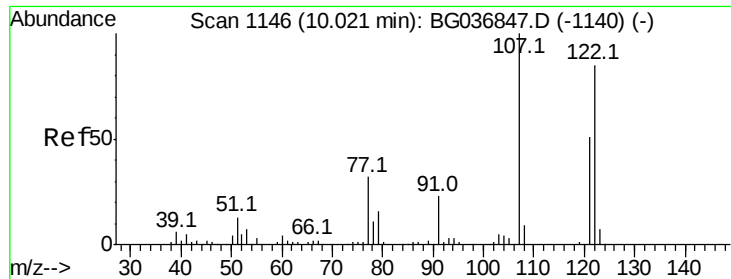
Delta R.T. -0.01 min

Lab File: BG037145.D

Acq: 4 Oct 2018 4:17

Tgt Ion:	139	Resp:	69946
Ion Ratio	Lower	Upper	
139	100		
109	36.0	27.4	41.0
65	58.4	47.8	71.6





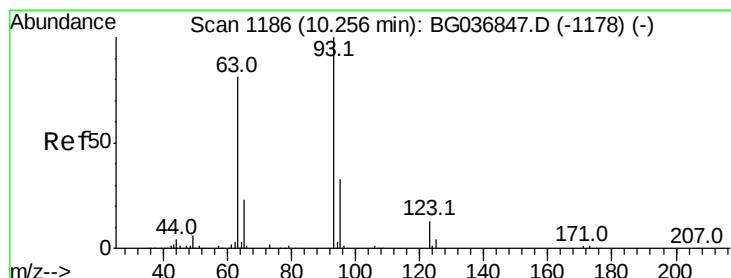
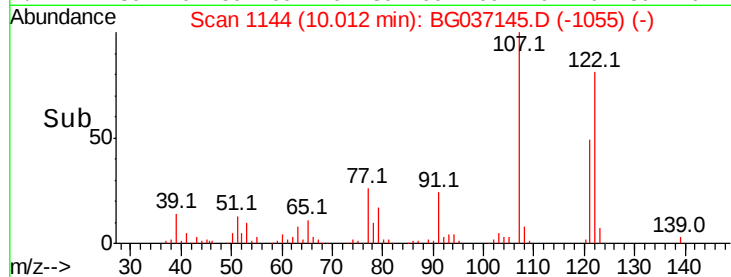
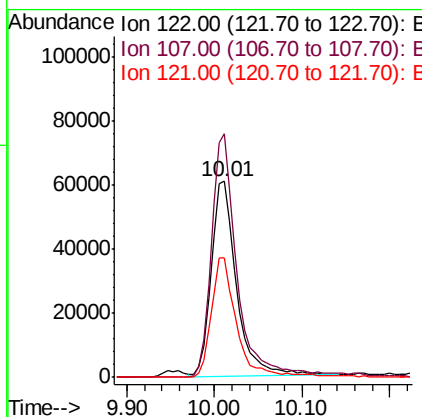
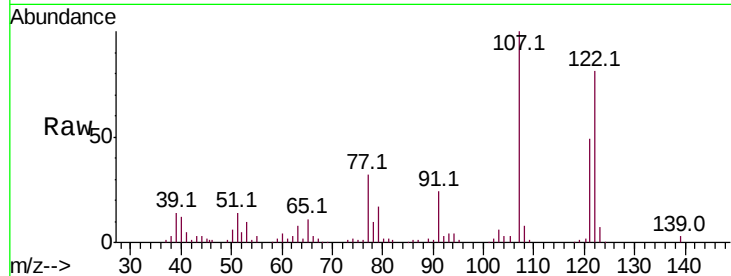
#27
 2,4-Dimethylphenol
 Concen: 52.196 ng
 RT: 10.01 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BG037145.D
 Acq: 4 Oct 2018 4:17

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-100218-AMS

Tot Ion:	122	Resp:	121897
Ion Ratio	Lower	Upper	
122	100		
107	124.2	96.0	144.0
121	60.8	48.2	72.4

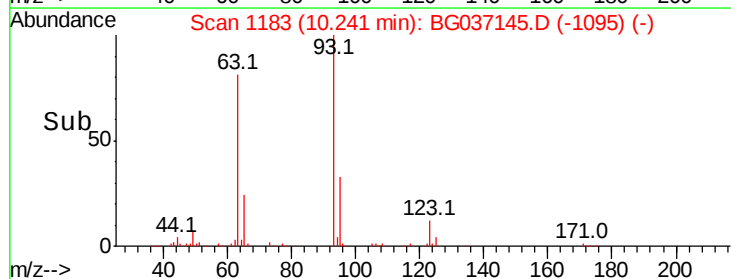
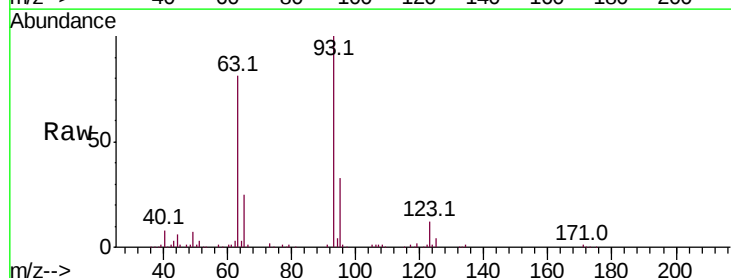
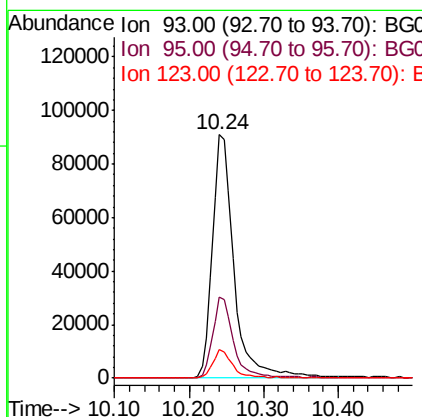
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#28
 bis(2-Chloroethoxy)methane
 Concen: 46.082 ng
 RT: 10.24 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BG037145.D
 Acq: 4 Oct 2018 4:17

Tgt Ion:	93	Resp:	182999
Ion Ratio	Lower	Upper	
93	100		
95	33.1	25.2	37.8
123	11.6	8.6	12.8





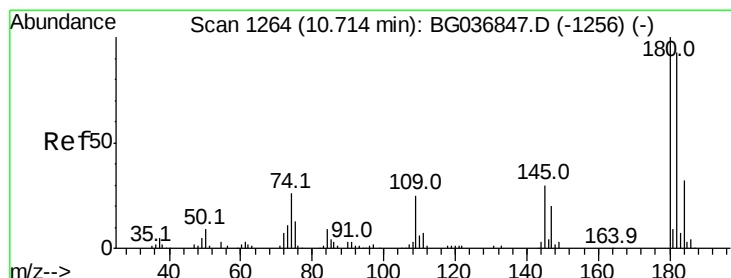
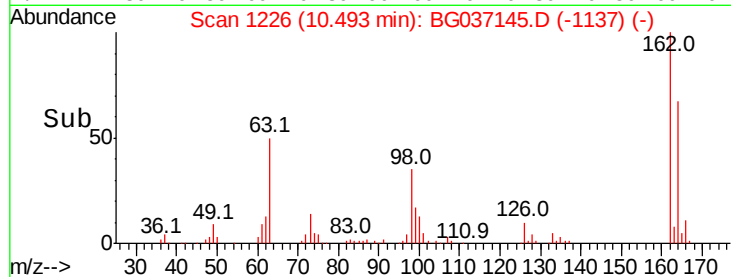
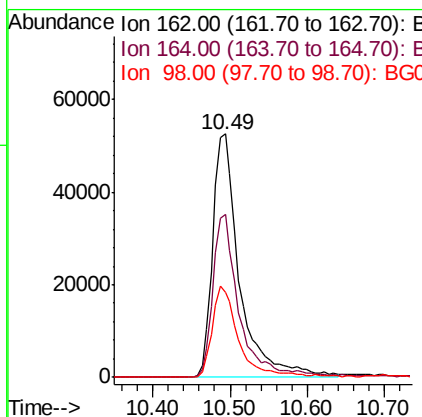
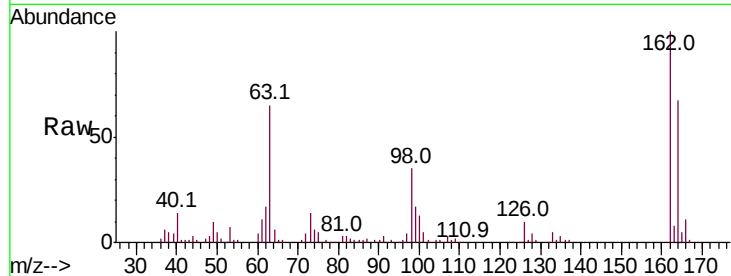
#29
 2,4-Dichlorophenol
 Concen: 46.583 ng
 RT: 10.49 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BG037145.D
 Acq: 4 Oct 2018 4:17

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-100218-AMS

Tot Ion:	162	Resp:	126112
Ion Ratio	Lower	Upper	
162	100		
164	67.1	47.6	87.6
98	35.1	19.2	59.2

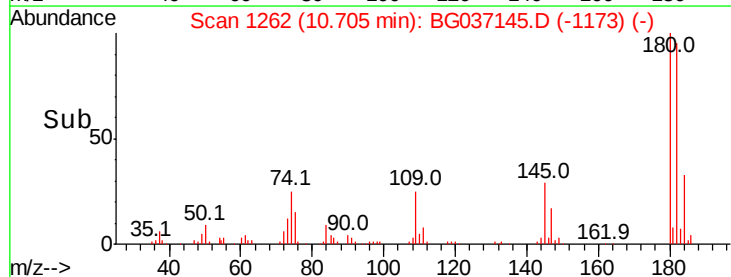
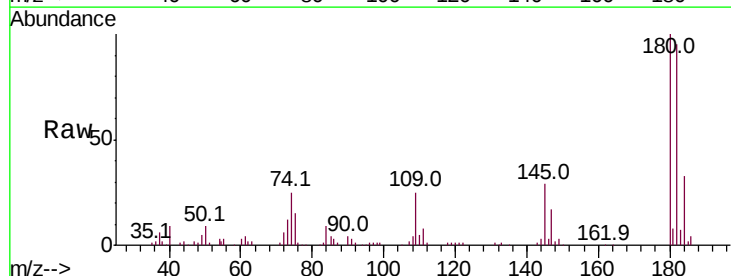
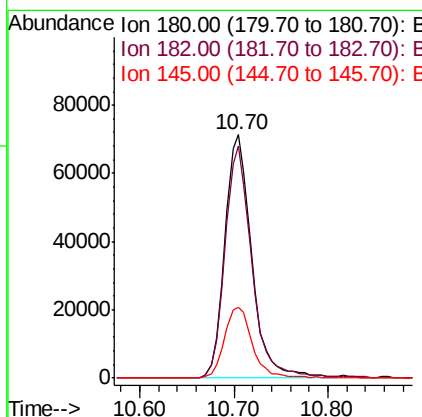
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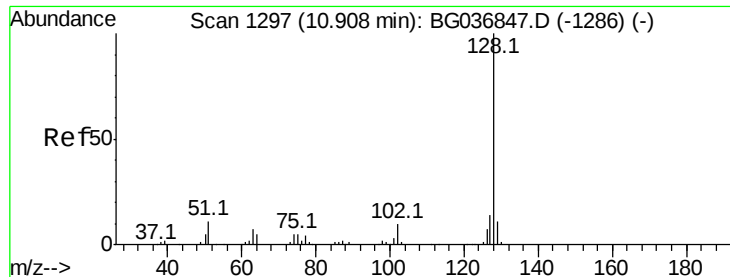
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.882 ng
 RT: 10.70 min Scan# 1262
 Delta R.T. -0.01 min
 Lab File: BG037145.D
 Acq: 4 Oct 2018 4:17

Tgt Ion:	180	Resp:	141894
Ion Ratio	Lower	Upper	
180	100		
182	95.3	76.0	114.0
145	29.2	22.9	34.3





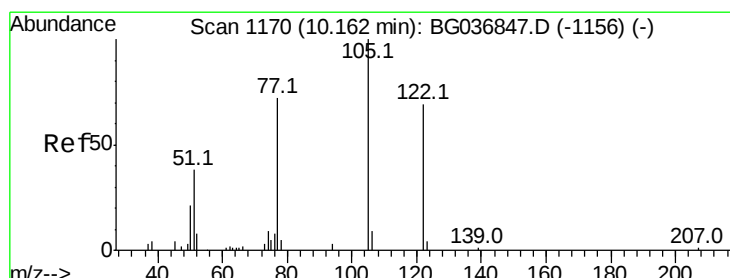
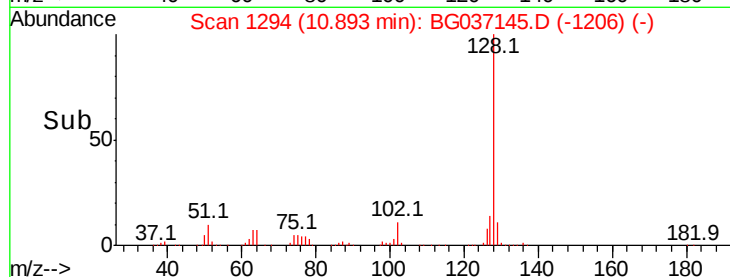
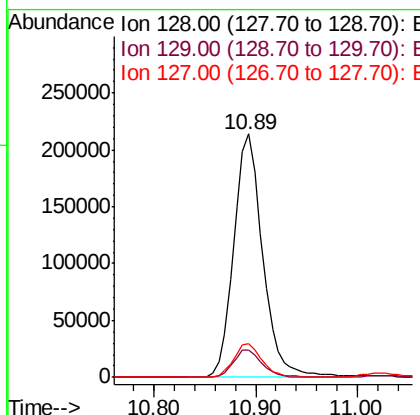
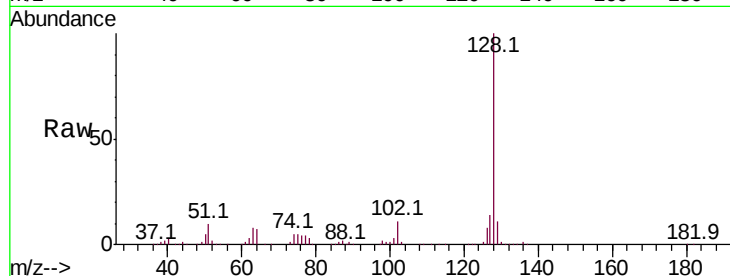
#31
Naphthalene
Concen: 47.309 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BG037145.D
Acq: 4 Oct 2018 4:17

Instrument :
BNA_G
ClientSampleId :
HR-06-100218-AMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.4	14.2
127	13.7	11.0	16.4

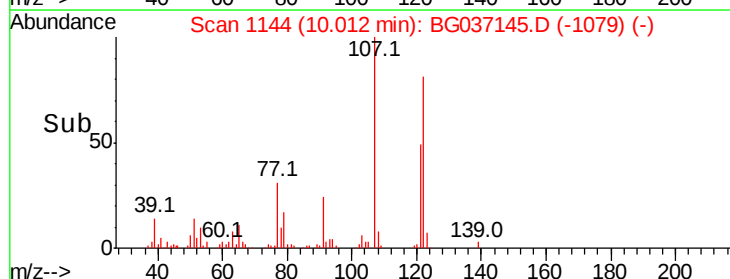
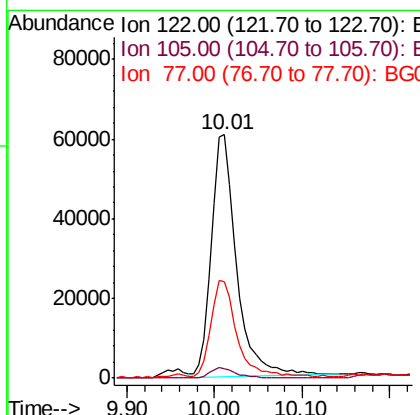
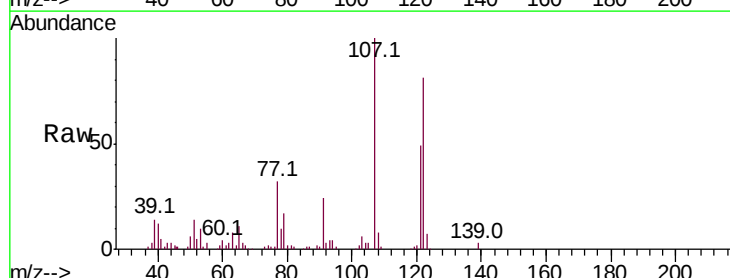
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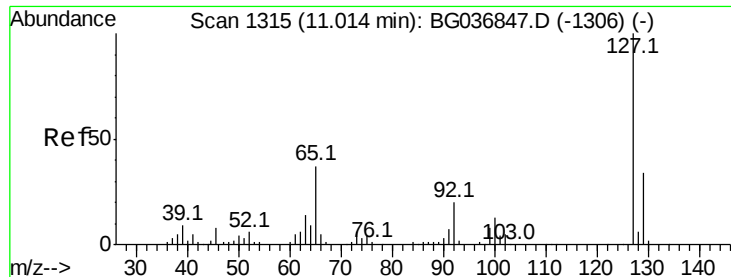
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#32
Benzoic acid
Concen: 65.686 ng
RT: 10.01 min Scan# 1144
Delta R.T. -0.15 min
Lab File: BG037145.D
Acq: 4 Oct 2018 4:17

Tgt Ion	Ratio	Lower	Upper
122	100		
105	3.7	108.1	148.1#
77	39.4	76.3	116.3#





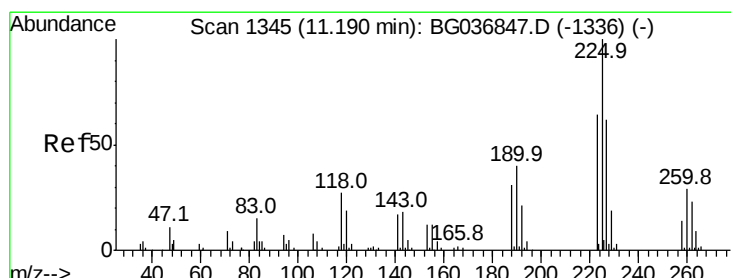
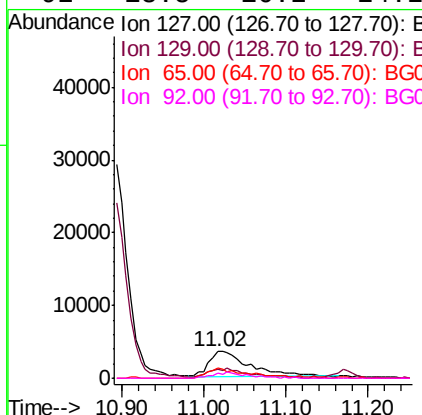
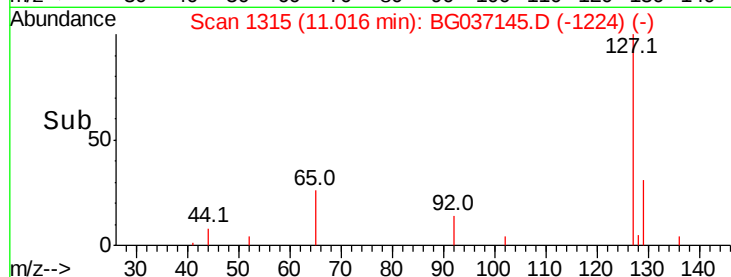
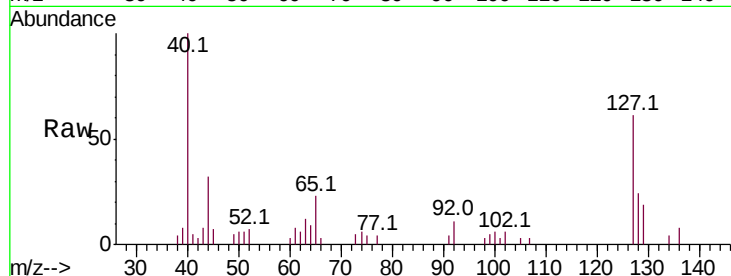
#33
4-Chloroaniline
Concen: 3.044 ng
RT: 11.02 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG037145.D
Acq: 4 Oct 2018 4:17

Instrument :
BNA_G
ClientSampleId :
HR-06-100218-AMS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.9	38.9
65	37.7	27.5	41.3
92	18.5	16.2	24.2

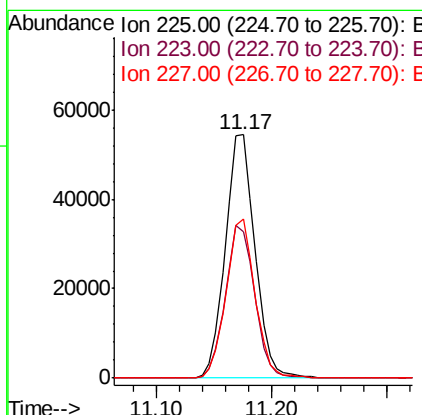
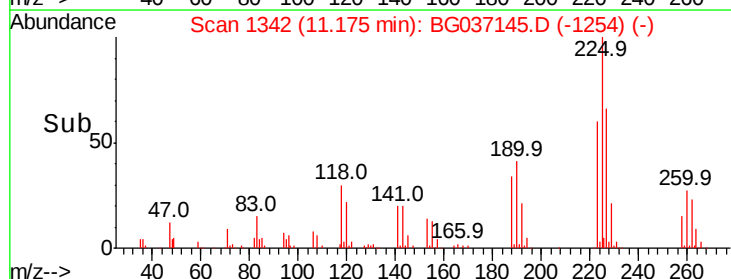
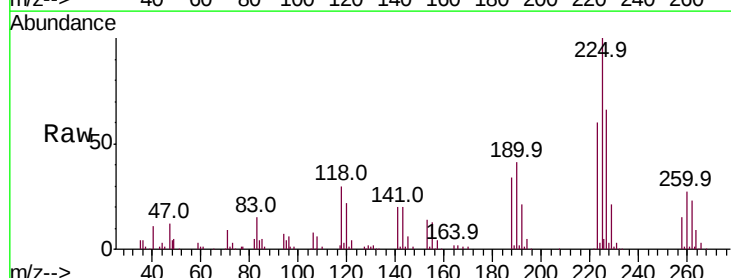
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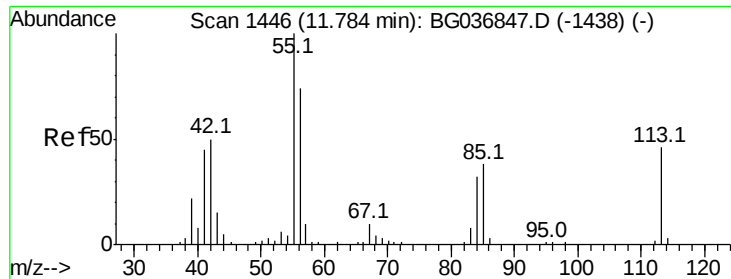
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#34
Hexachlorobutadiene
Concen: 41.350 ng
RT: 11.17 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG037145.D
Acq: 4 Oct 2018 4:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.3	51.8	77.8
227	65.5	49.8	74.6





#35

Caprolactam

Concen: 32.581 ng/ml

RT: 11.78 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BG037145.D

Acq: 4 Oct 2018 4:17

Instrument :

BNA_G

ClientSampleId :

HR-06-100218-AMS

Tot Ion:113 Resp: 36304

Ion Ratio Lower Upper

113 100

55 232.7 197.7 237.7

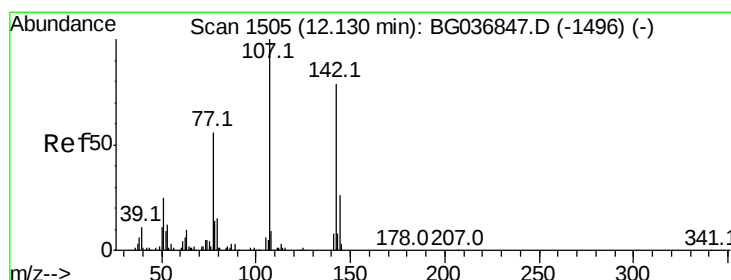
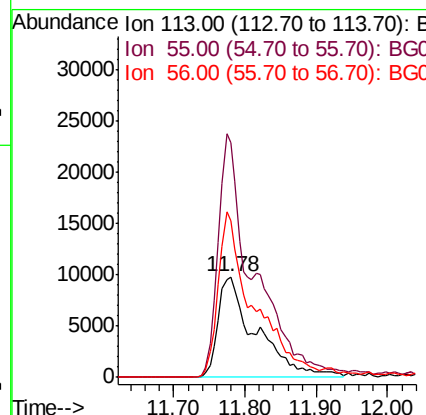
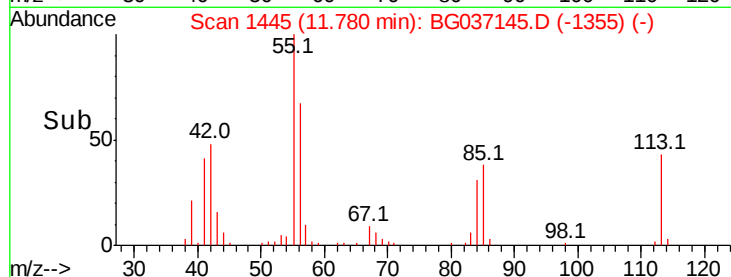
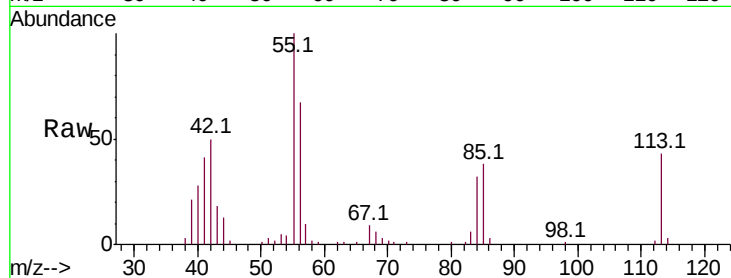
56 155.2 131.7 171.7

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#36

4-Chloro-3-methylphenol

Concen: 46.595 ng/ml

RT: 12.12 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BG037145.D

Acq: 4 Oct 2018 4:17

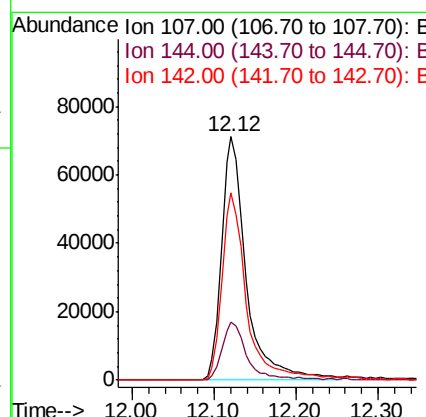
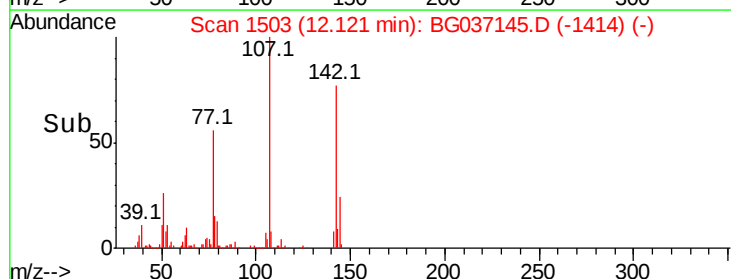
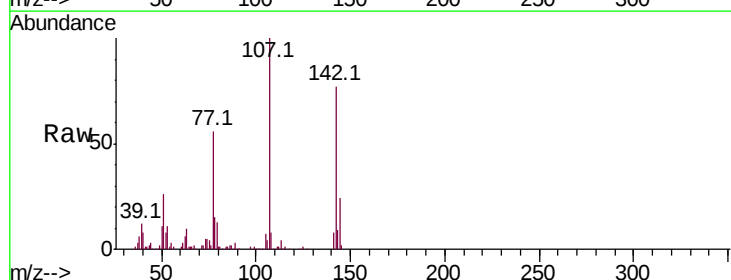
Tgt Ion:107 Resp: 150515

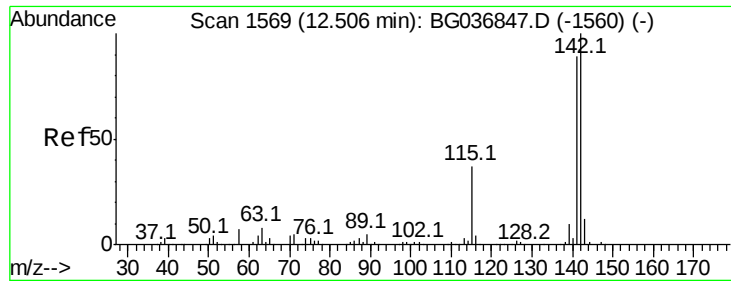
Ion Ratio Lower Upper

107 100

144 23.9 19.5 29.3

142 77.1 62.4 93.6





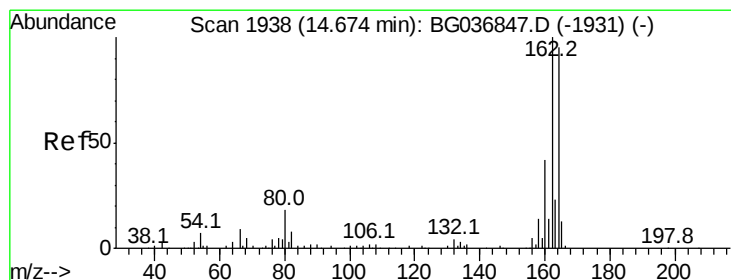
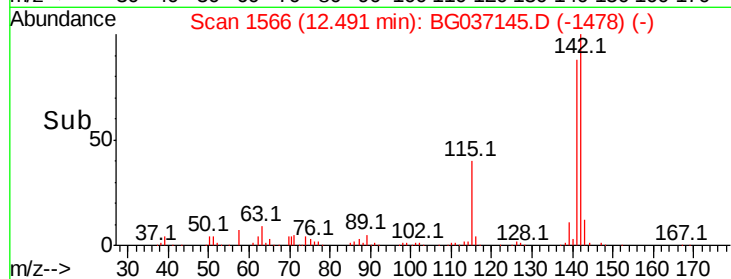
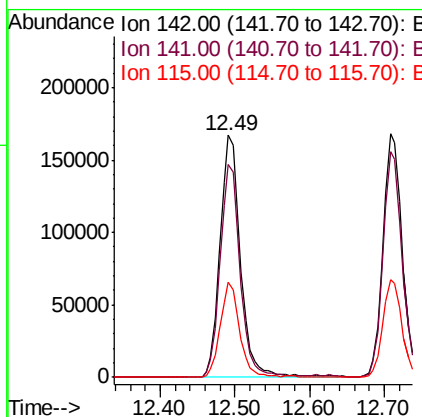
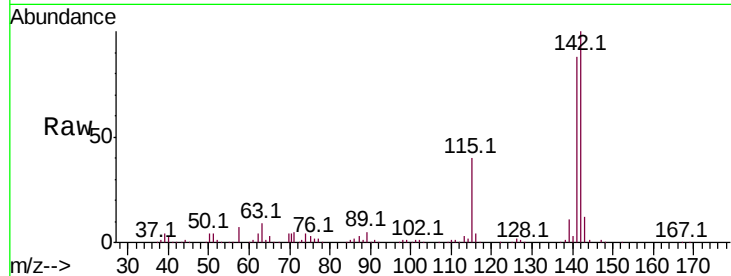
#37
2-Methylnaphthalene
Concen: 46.596 ng
RT: 12.49 min Scan# 1566
Delta R.T. -0.02 min
Lab File: BG037145.D
Acq: 4 Oct 2018 4:17

Instrument :
BNA_G
ClientSampleId :
HR-06-100218-AMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	68.5	102.7
115	39.6	29.8	44.8

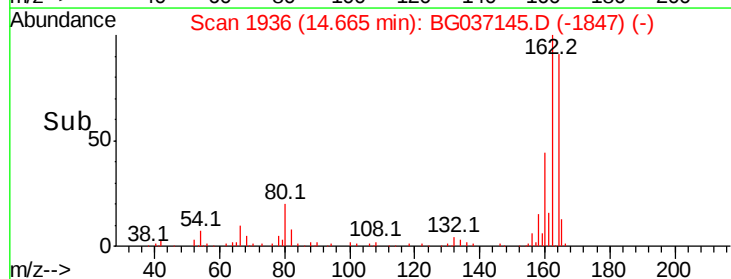
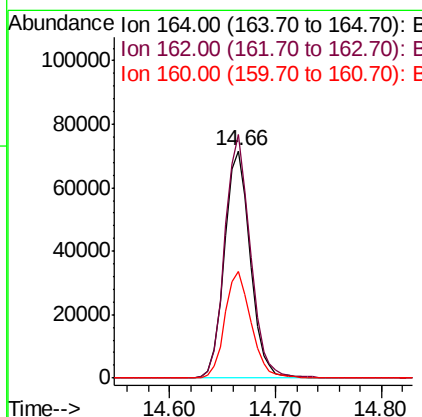
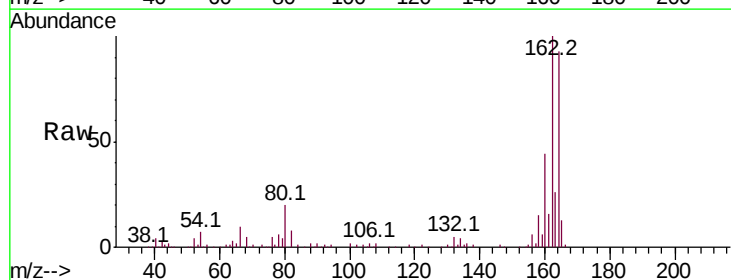
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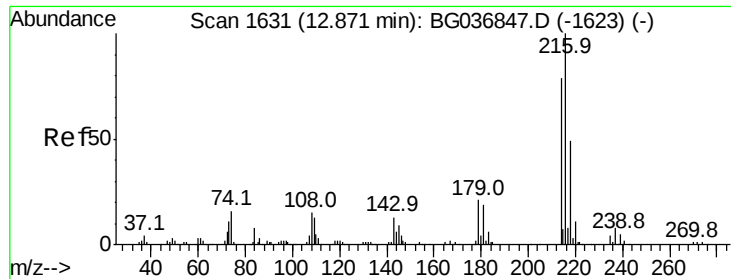
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BG037145.D
Acq: 4 Oct 2018 4:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.0	80.7	121.1
160	46.7	35.3	52.9





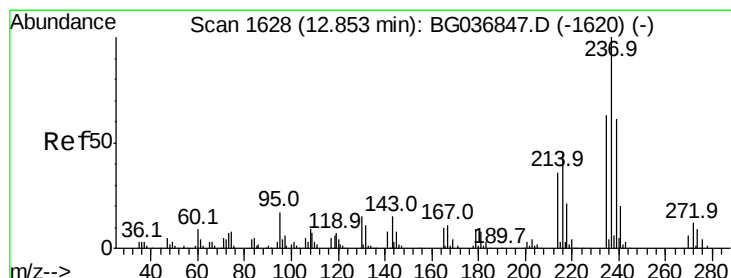
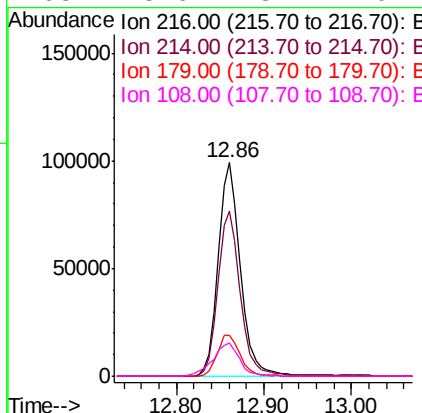
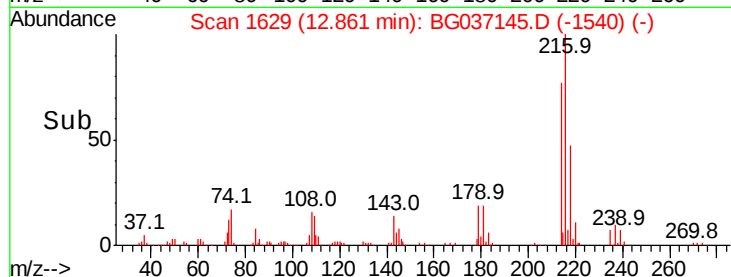
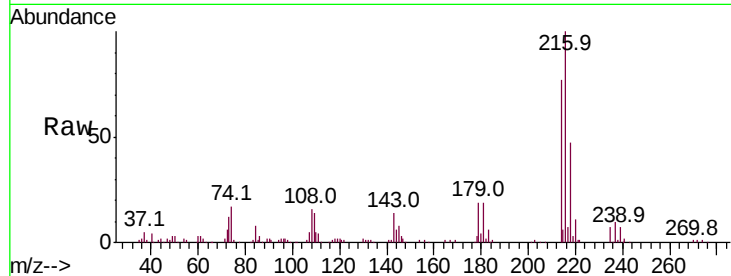
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.422 ng
 RT: 12.86 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BG037145.D
 Acq: 4 Oct 2018 4:17

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-100218-AMS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	175387		
214	78.1	61.0	91.6	
179	20.0	15.7	23.5	
108	18.6	13.1	19.7	

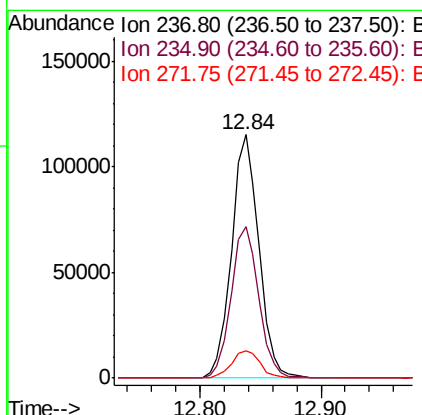
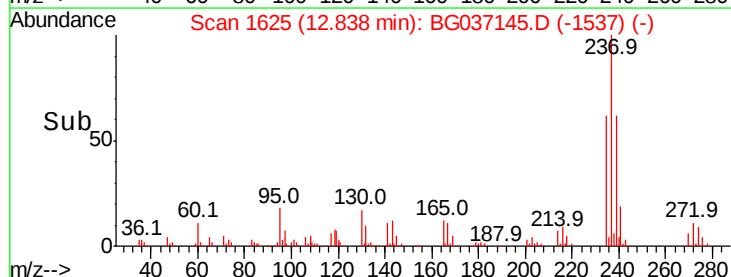
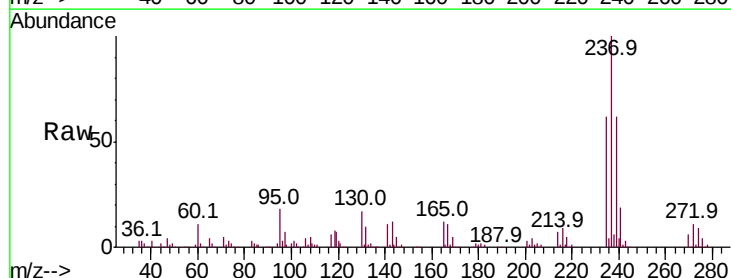
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#40
 Hexachlorocyclopentadiene
 Concen: 83.268 ng
 RT: 12.84 min Scan# 1625
 Delta R.T. -0.02 min
 Lab File: BG037145.D
 Acq: 4 Oct 2018 4:17

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	181328		
235	62.2	42.2	82.2	
272	11.4	0.0	32.1	





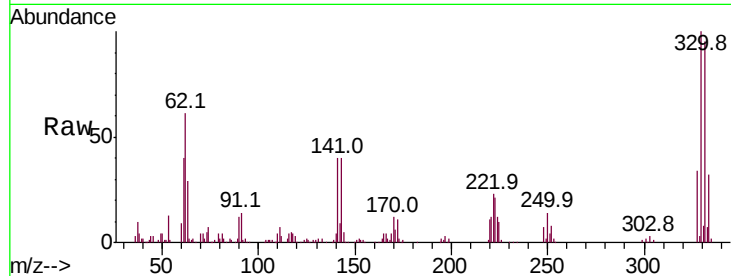
#41
 2,4,6-Tribromophenol
 Concen: 121.064 ng
 RT: 16.15 min Scan# 2189
 Delta R.T. -0.02 min
 Lab File: BG037145.D
 Acq: 4 Oct 2018 4:17

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-100218-AMS

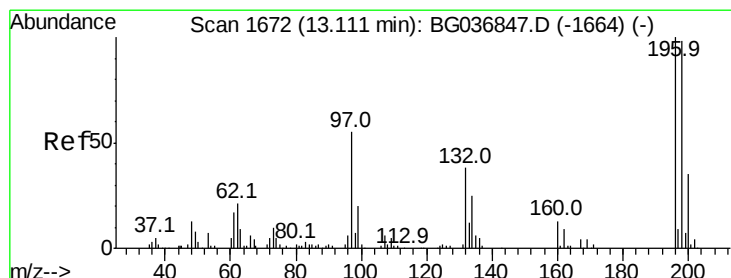
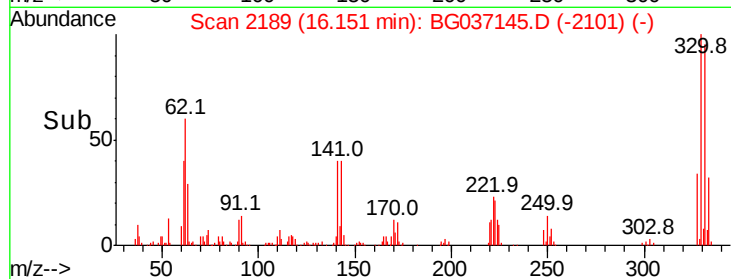
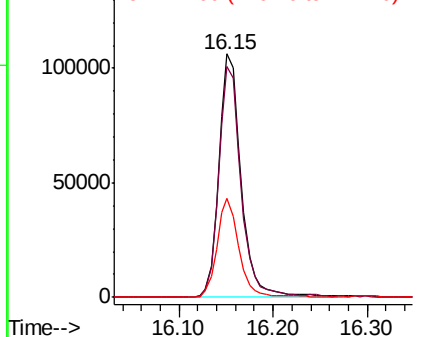
Tot Ion	Ratio	Resp	Lower	Upper
330	100	175841		
332	94.4	75.4	113.2	
141	40.0	30.7	46.1	

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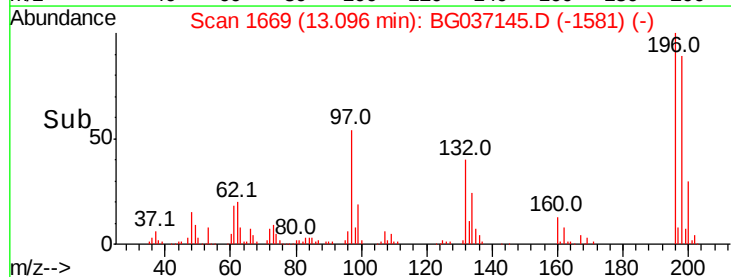
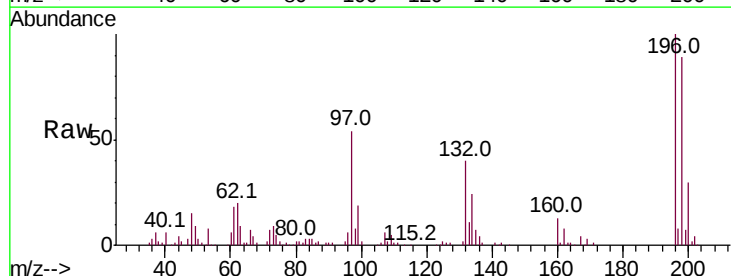
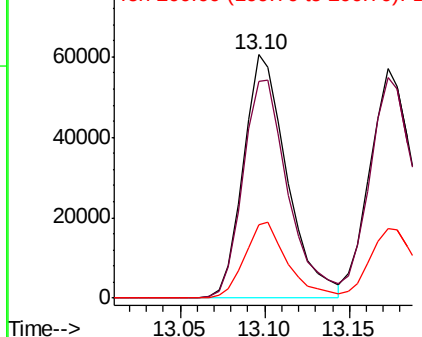
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

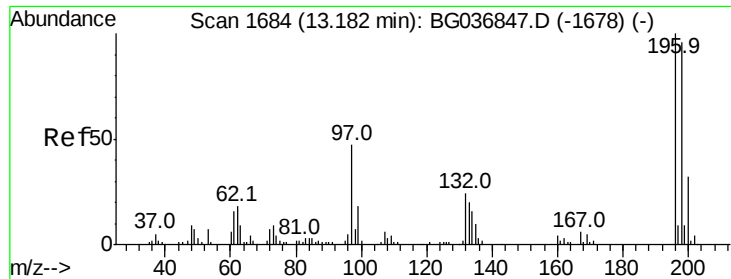


#42
 2,4,6-Trichlorophenol
 Concen: 46.403 ng
 RT: 13.10 min Scan# 1669
 Delta R.T. -0.02 min
 Lab File: BG037145.D
 Acq: 4 Oct 2018 4:17

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	109105		
198	88.8	77.2	115.8	
200	29.9	26.3	39.5	

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





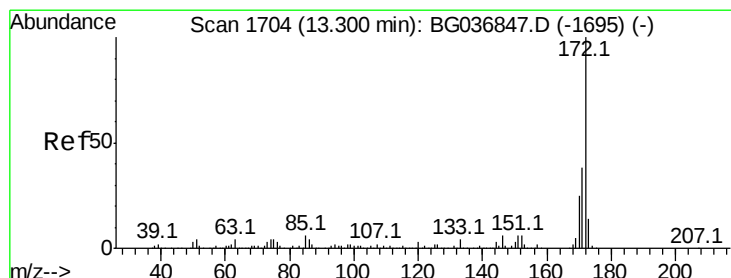
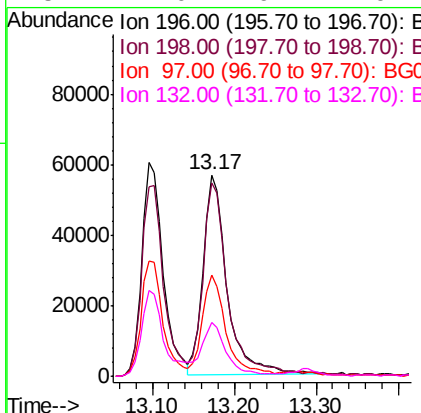
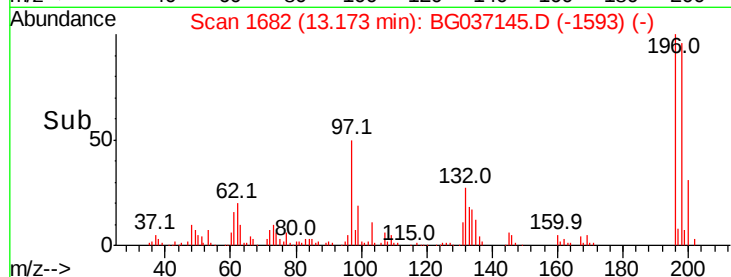
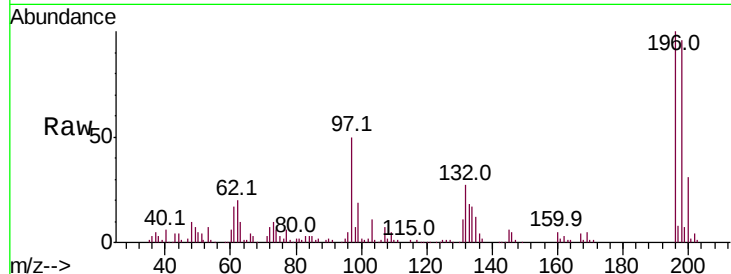
#43
 2,4,5-Trichlorophenol
 Concen: 46.491 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BG037145.D
 Acq: 4 Oct 2018 4:17

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-100218-AMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	116561		
198	96.1	75.6	113.4	
97	50.1	37.2	55.8	
132	27.0	19.4	29.2	

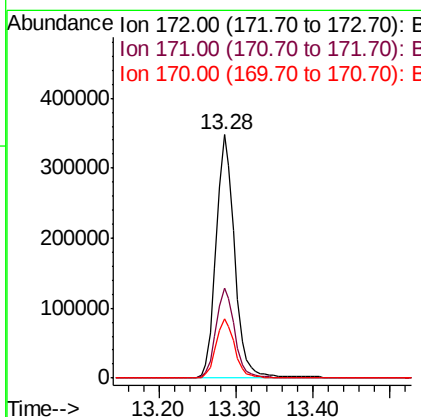
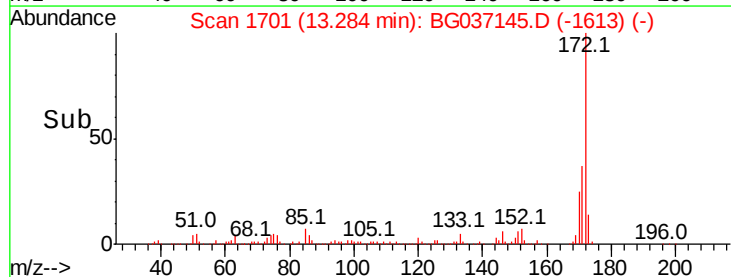
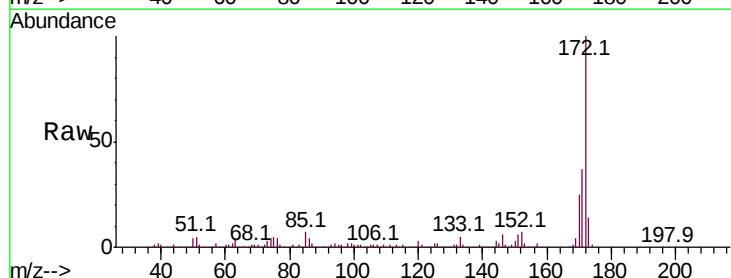
Manual Integrations
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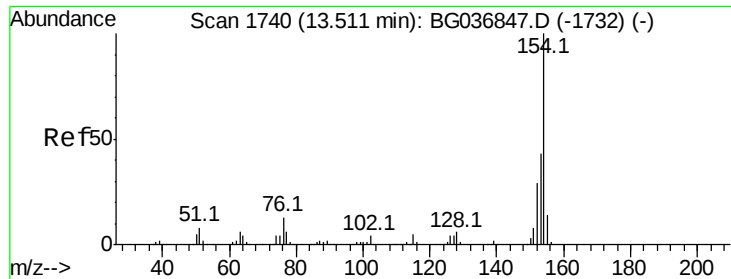
Sohil
 10/4/2018 12:59:26 PM



#44
 2-Fluorobiphenyl
 Concen: 70.953 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.02 min
 Lab File: BG037145.D
 Acq: 4 Oct 2018 4:17

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	578334		
171	37.1	31.3	46.9	
170	24.5	21.0	31.6	





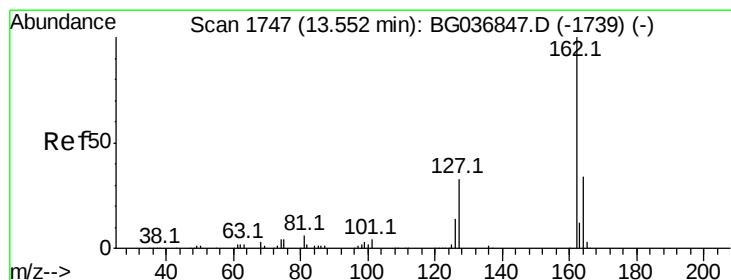
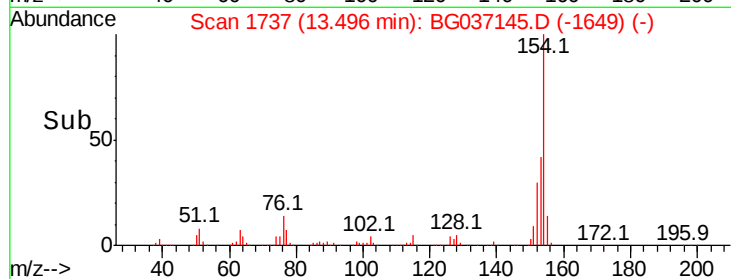
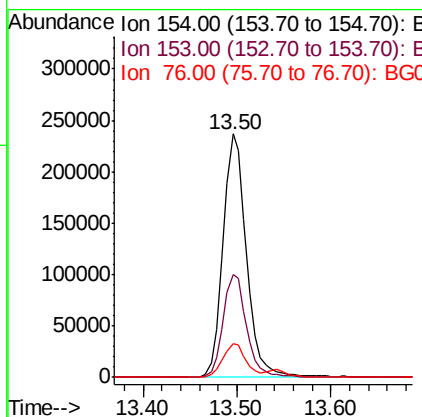
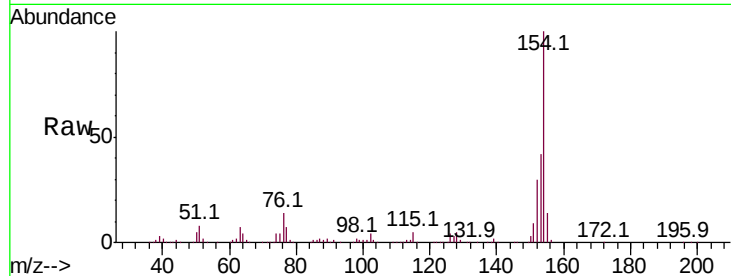
#45
 1,1'-Biphenyl
 Concen: 44.122 ng
 RT: 13.50 min Scan# 1737
 Delta R.T. -0.02 min
 Lab File: BG037145.D
 Acq: 4 Oct 2018 4:17

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-100218-AMS

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.4	24.0	64.0
76	13.6	0.0	32.9

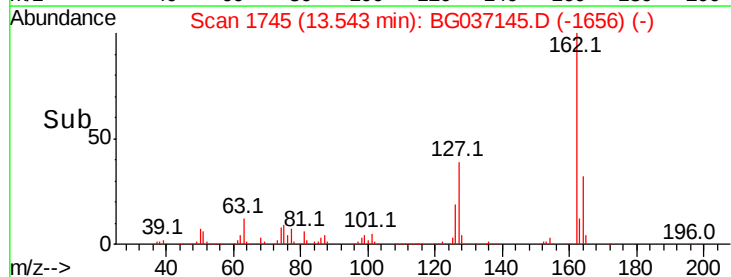
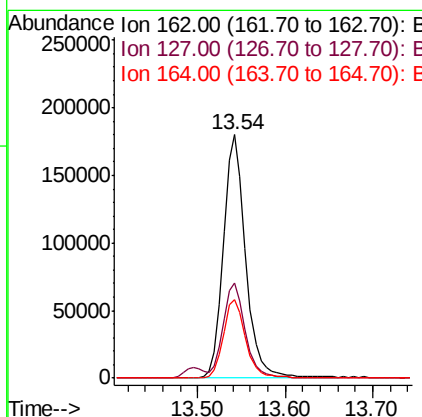
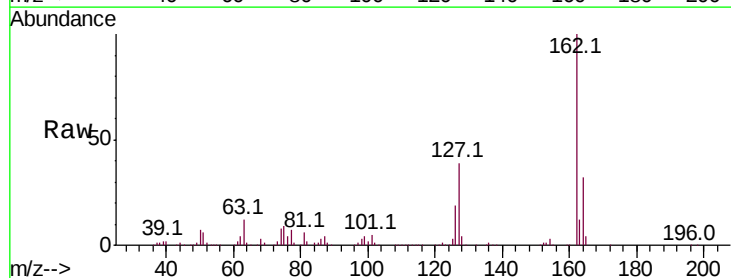
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#46
 2-Chloronaphthalene
 Concen: 43.253 ng
 RT: 13.54 min Scan# 1745
 Delta R.T. -0.01 min
 Lab File: BG037145.D
 Acq: 4 Oct 2018 4:17

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.9	30.7	46.1
164	32.3	26.7	40.1





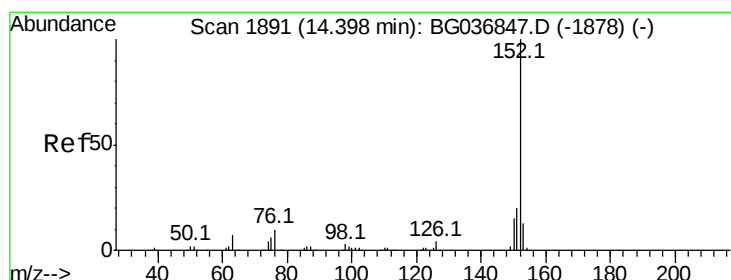
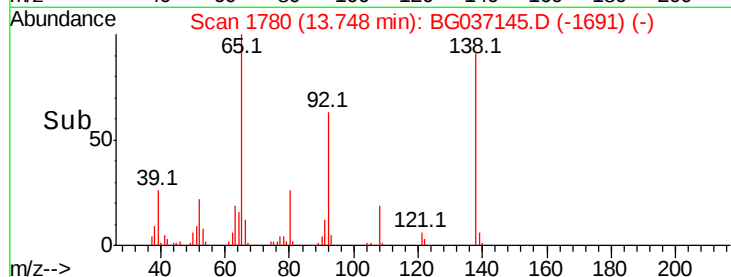
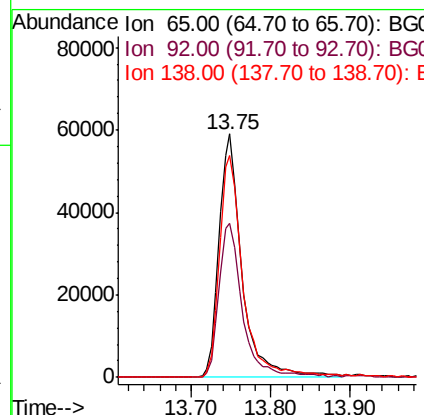
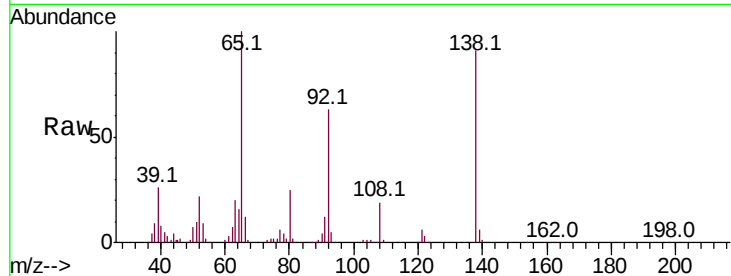
#47
2-Nitroaniline
Concen: 47.059 ng
RT: 13.75 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BG037145.D
Acq: 4 Oct 2018 4:17

Instrument :
BNA_G
ClientSampleId :
HR-06-100218-AMS

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
92	63.1	49.9	74.9	
138	91.0	76.2	114.4	

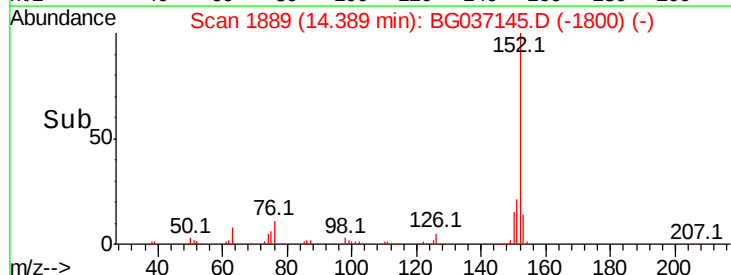
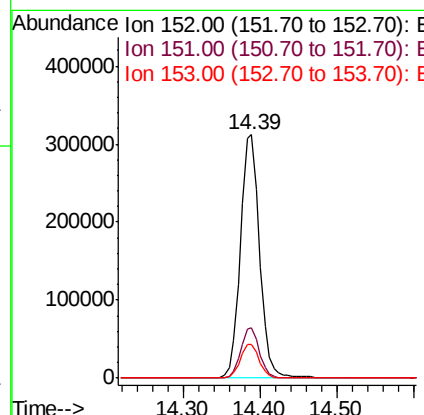
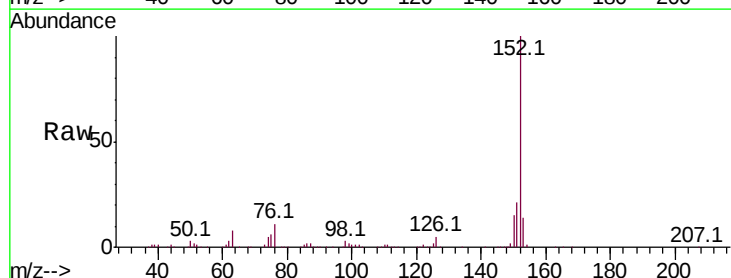
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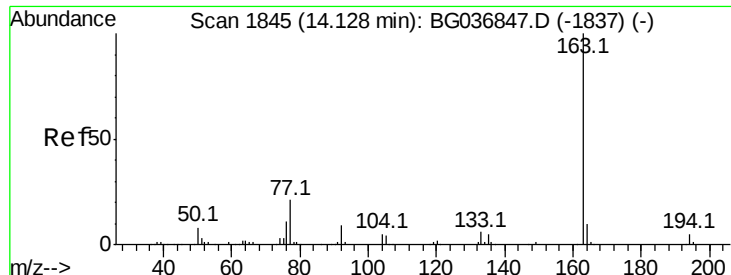
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#48
Acenaphthylene
Concen: 47.789 ng
RT: 14.39 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BG037145.D
Acq: 4 Oct 2018 4:17

Tgt Ion	Ratio	Resp	Lower	Upper
152	100			
151	20.9	16.9	25.3	
153	13.6	11.2	16.8	





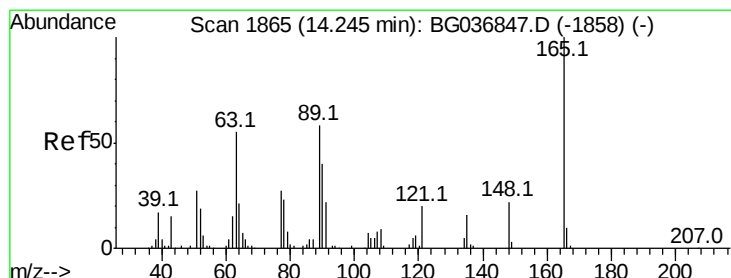
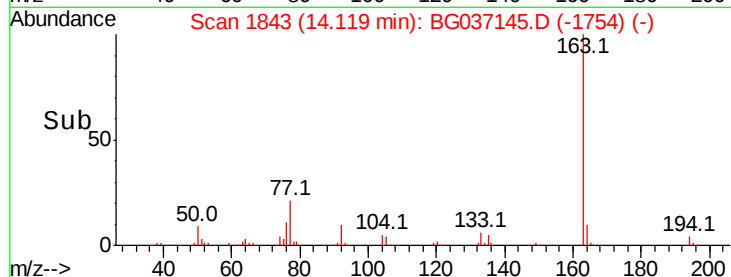
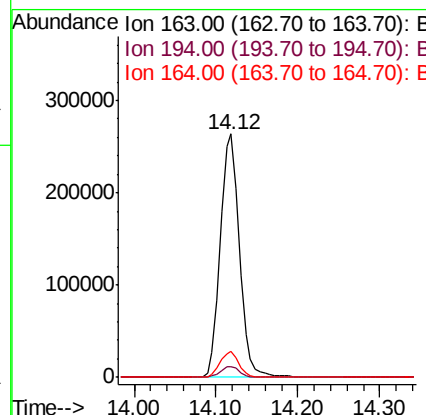
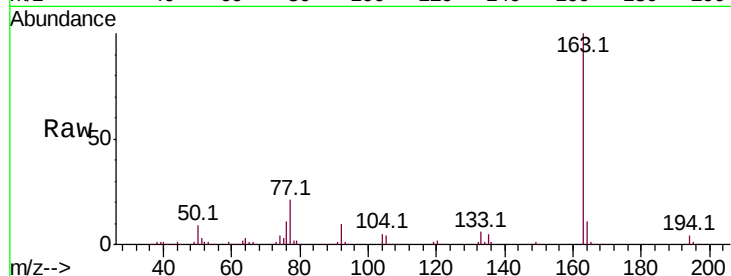
#49
Dimethylphthalate
Concen: 44.390 ng
RT: 14.12 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BG037145.D
Acq: 4 Oct 2018 4:17

Instrument :
BNA_G
ClientSampleId :
HR-06-100218-AMS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	433773		
194	4.5		4.0	6.0
164	10.7		8.1	12.1

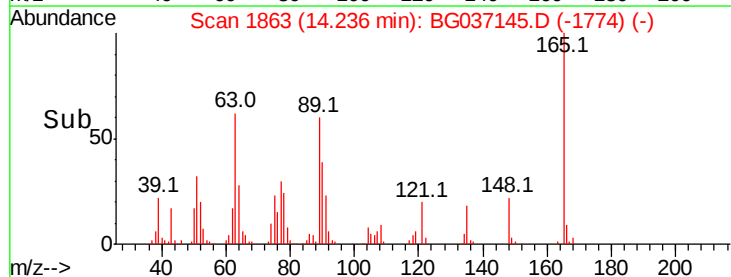
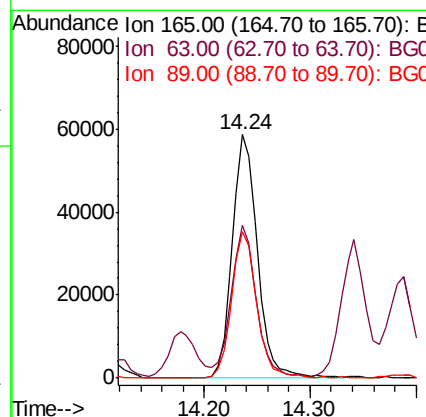
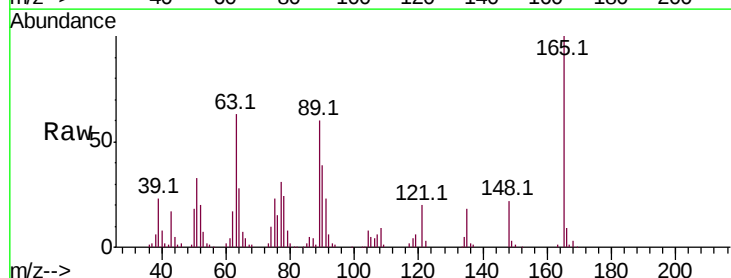
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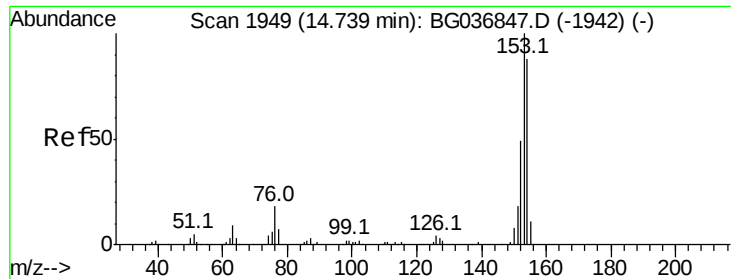
Sohil
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#50
2,6-Dinitrotoluene
Concen: 45.123 ng
RT: 14.24 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BG037145.D
Acq: 4 Oct 2018 4:17

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	96203		
63	62.6		50.1	75.1
89	60.3		47.8	71.6





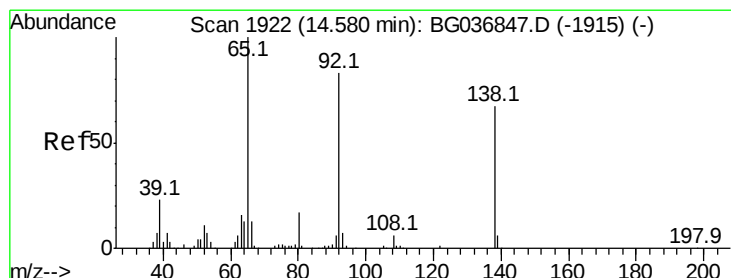
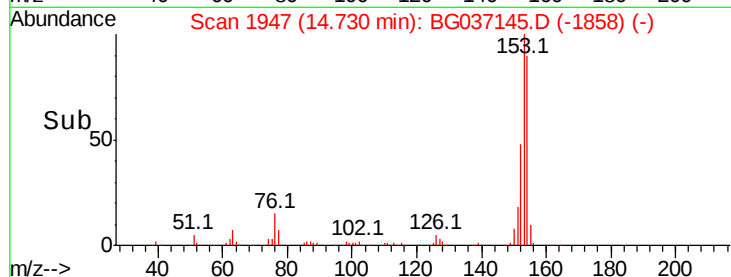
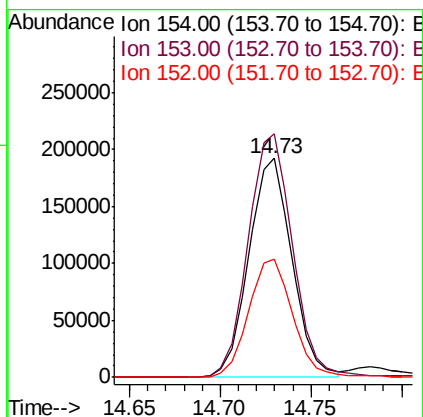
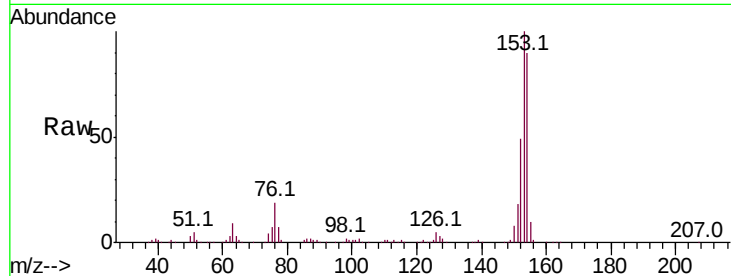
#51
Acenaphthene
Concen: 45.830 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BG037145.D
Acq: 4 Oct 2018 4:17

Instrument :
BNA_G
ClientSampleId :
HR-06-100218-AMS

Tot Ion	Ratio	Lower	Upper
154	100		
153	111.1	91.8	137.6
152	54.0	43.5	65.3

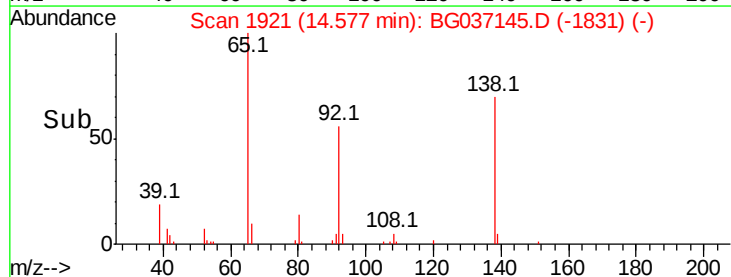
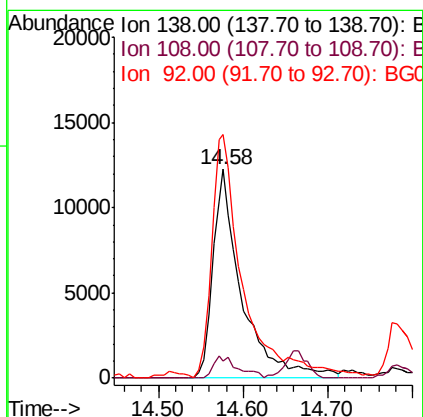
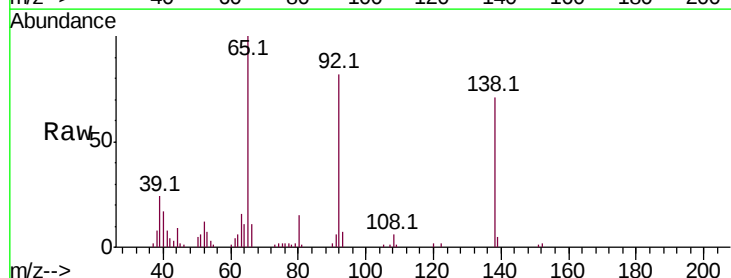
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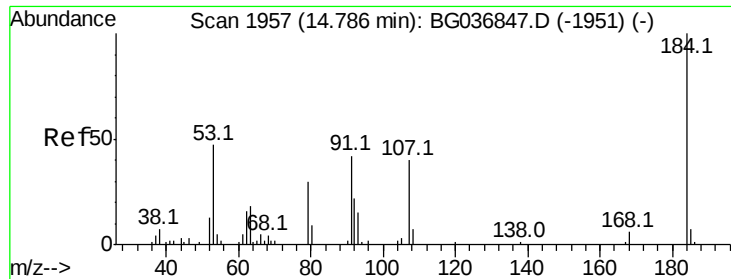
Sohil
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#52
3-Nitroaniline
Concen: 12.923 ng
RT: 14.58 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BG037145.D
Acq: 4 Oct 2018 4:17

Tgt Ion	Ratio	Lower	Upper
138	100		
108	8.2	9.4	14.2#
92	116.8	96.8	145.2





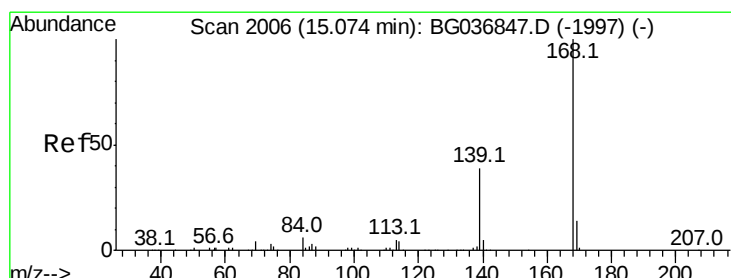
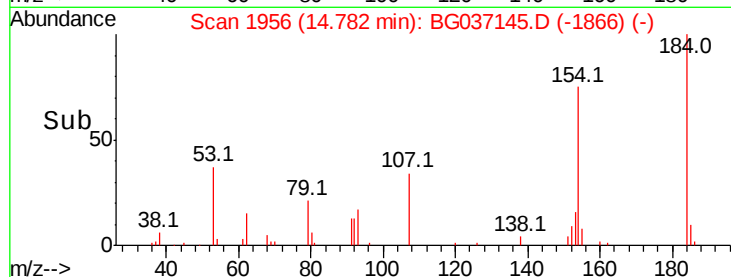
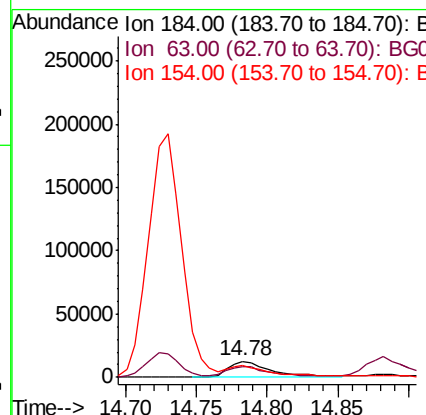
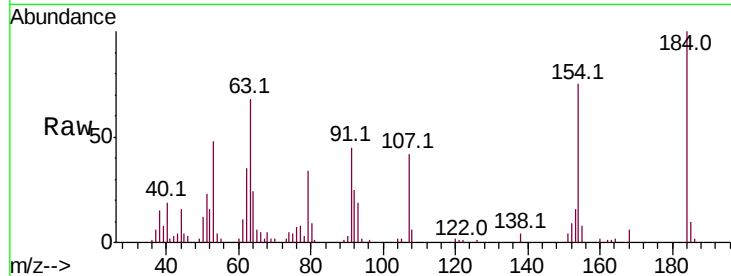
#53
 2,4-Dinitrophenol
 Concen: 32.917 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: BG037145.D
 Acq: 4 Oct 2018 4:17

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-100218-AMS

Tot Ion	Ratio	Lower	Upper
184	100		
63	68.1	47.3	70.9
154	75.3	51.1	76.7

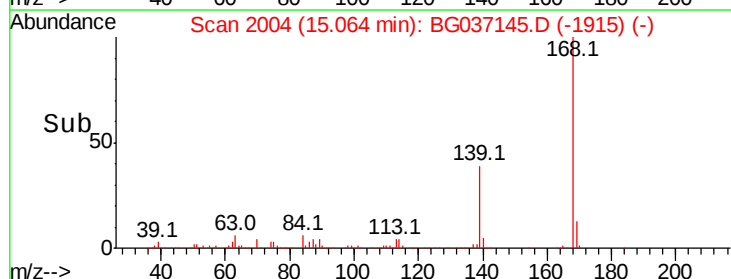
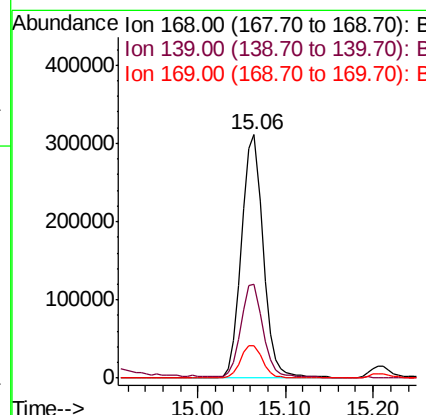
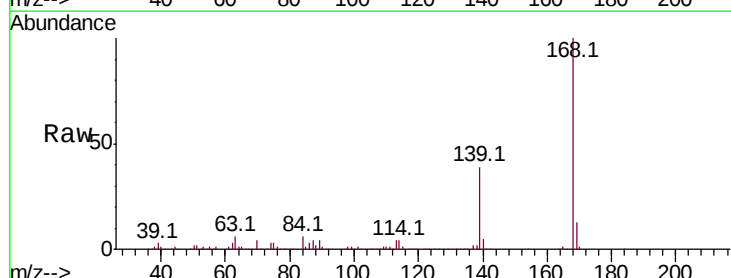
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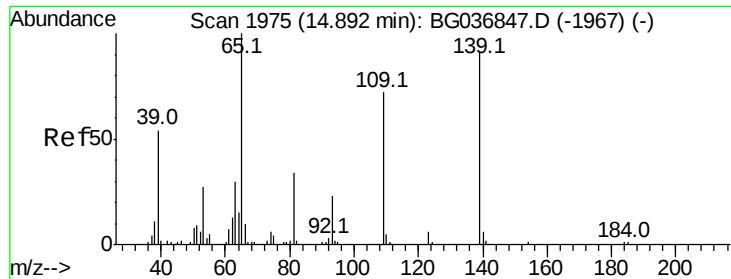
Sohil
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#54
 Dibenzofuran
 Concen: 44.450 ng
 RT: 15.06 min Scan# 2004
 Delta R.T. -0.01 min
 Lab File: BG037145.D
 Acq: 4 Oct 2018 4:17

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.5	31.0	46.6
169	13.2	11.1	16.7





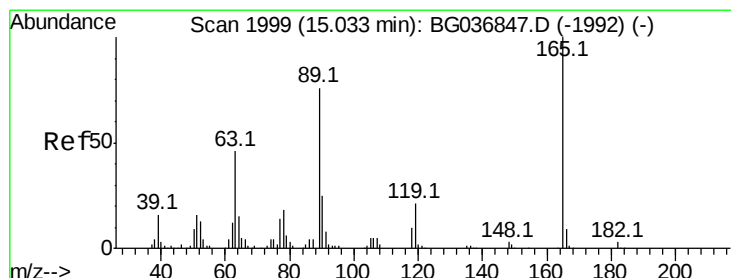
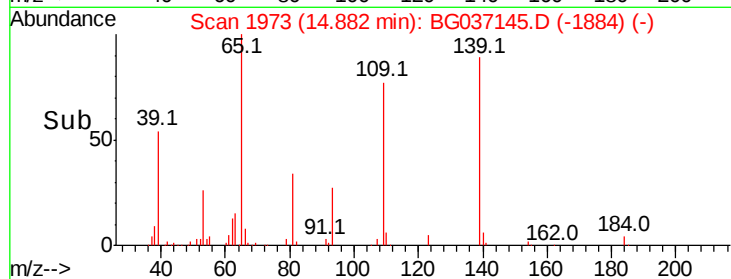
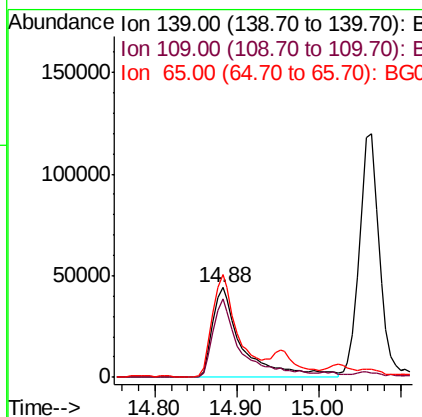
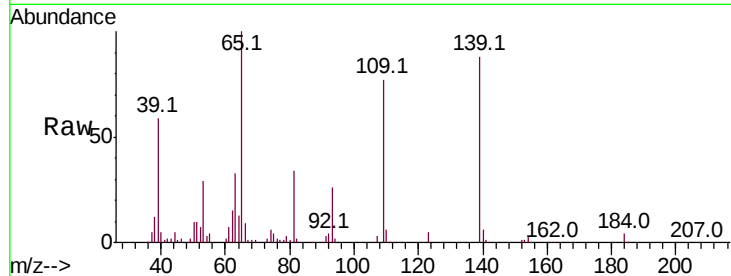
#55
4-Nitrophenol
Concen: 79.147 ng
RT: 14.88 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG037145.D
Acq: 4 Oct 2018 4:17

Instrument :
BNA_G
ClientSampleId :
HR-06-100218-AMS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	87.2	63.9	103.9	
65	114.0	90.0	130.0	

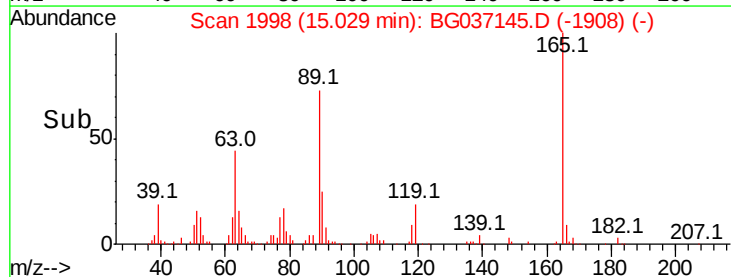
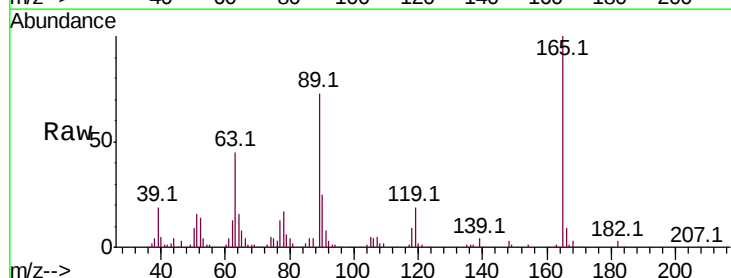
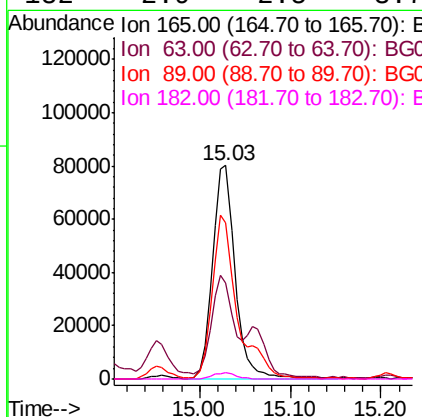
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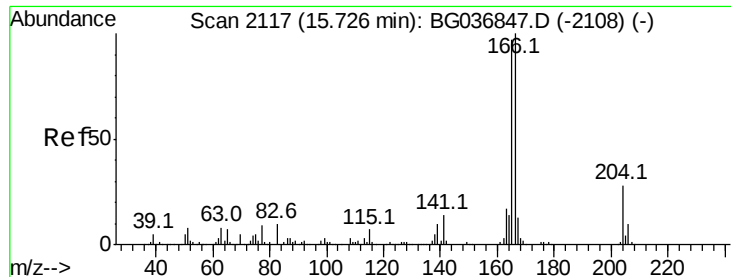
Sohil
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#56
2,4-Dinitrotoluene
Concen: 46.216 ng
RT: 15.03 min Scan# 1998
Delta R.T. -0.00 min
Lab File: BG037145.D
Acq: 4 Oct 2018 4:17

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	44.8	40.1	60.1	
89	73.4	63.7	95.5	
182	2.9	2.5	3.7	





#57

Fluorene

Concen: 48.601 ng

RT: 15.71 min Scan# 2114

Delta R.T. -0.02 min

Lab File: BG037145.D

Acq: 4 Oct 2018 4:17

Instrument :

BNA_G

ClientSampleId :

HR-06-100218-AMS

Tot Ion:166 Resp: 425476

Ion Ratio Lower Upper

166 100

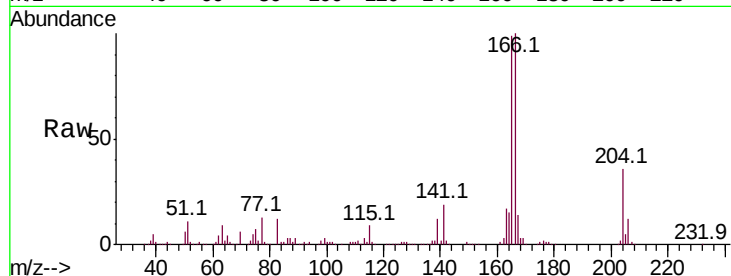
165 99.1 77.0 115.4

167 13.9 10.6 16.0

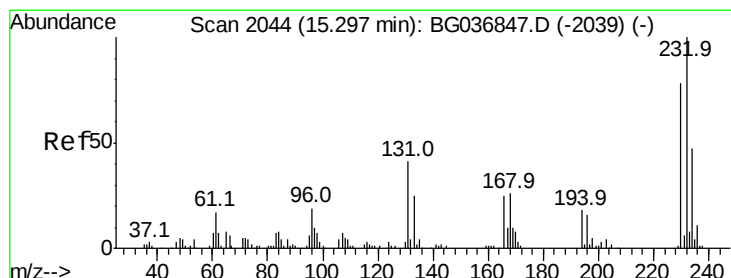
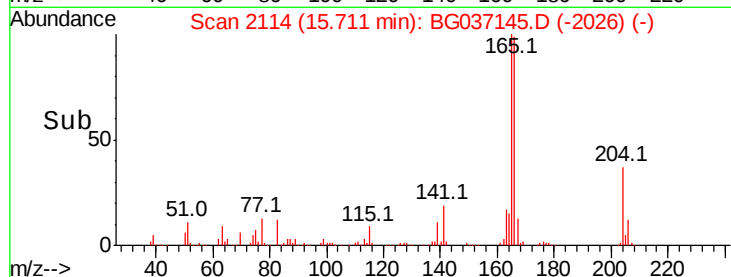
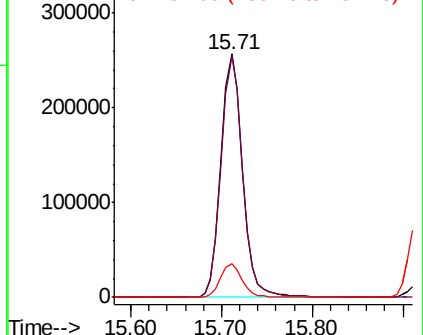
Manual Integrations
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10/4/2018 12:59:26 PM



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: 46.756 ng

RT: 15.29 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BG037145.D

Acq: 4 Oct 2018 4:17

Tgt Ion:232 Resp: 118918

Ion Ratio Lower Upper

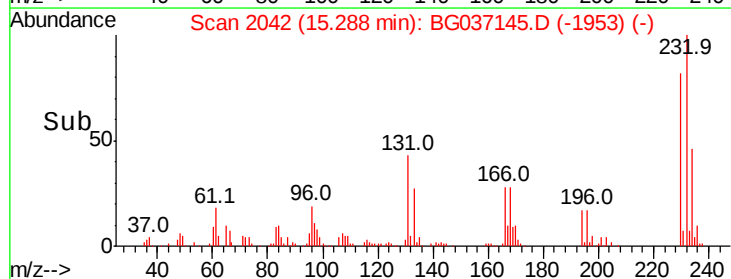
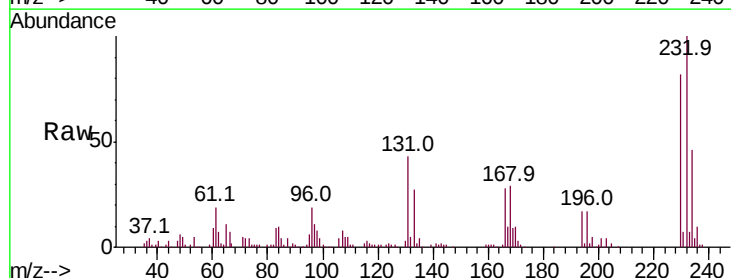
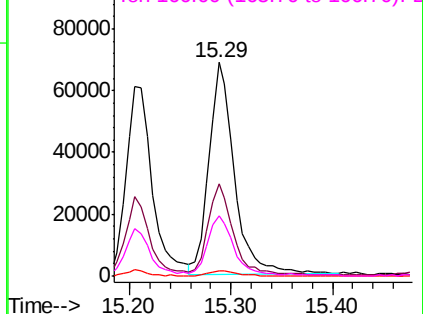
232 100

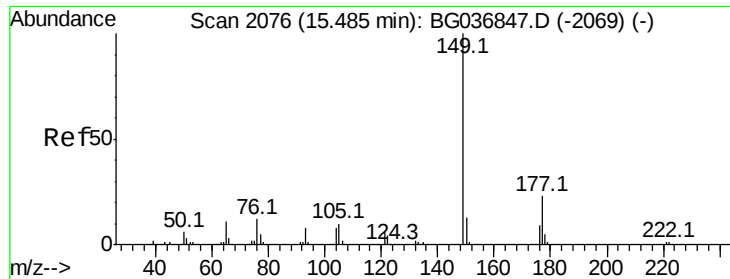
131 42.9 33.8 50.8

130 2.6 2.1 3.1

166 27.7 22.3 33.5

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





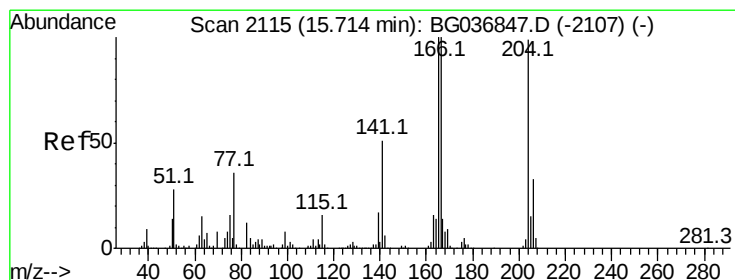
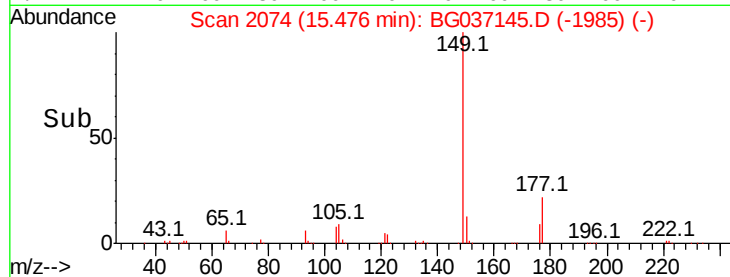
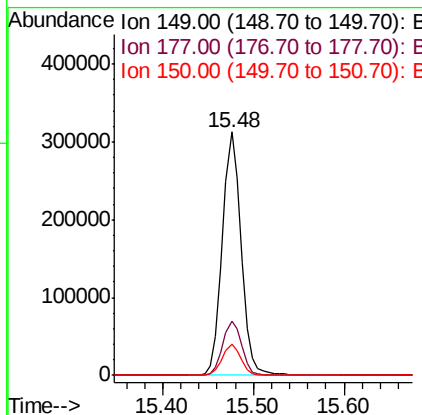
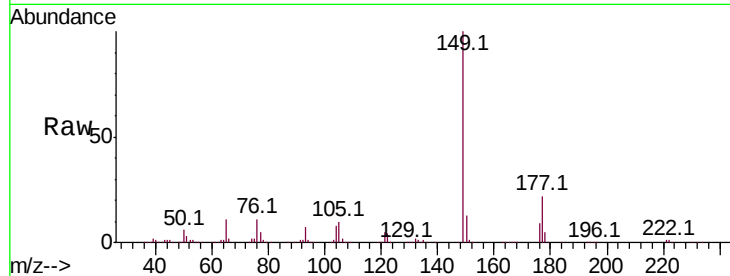
#59
Diethylphthalate
Concen: 45.463 ng
RT: 15.48 min Scan# 2074
Delta R.T. -0.01 min
Lab File: BG037145.D
Acq: 4 Oct 2018 4:17

Instrument :
BNA_G
ClientSampleId :
HR-06-100218-AMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	448080		
177	22.5	19.1	28.7	
150	12.5	10.7	16.1	

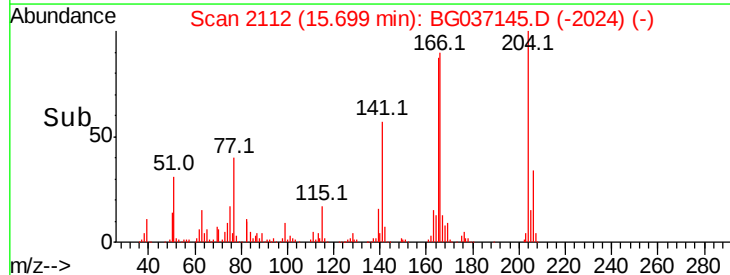
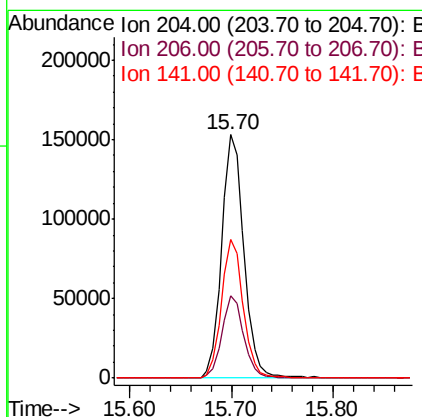
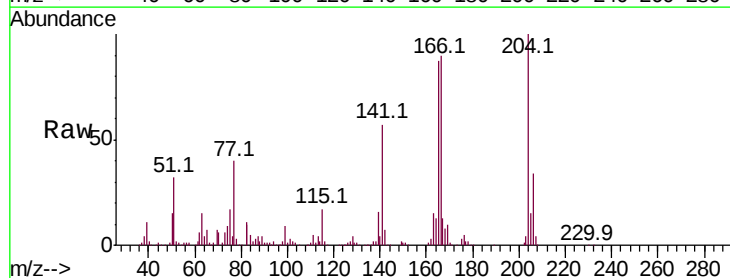
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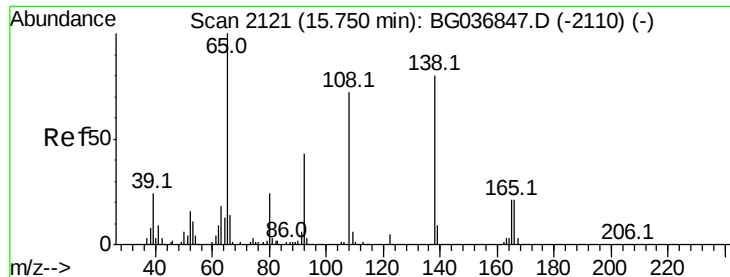
Sohil
10/4/2018 12:59:26 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.114 ng
RT: 15.70 min Scan# 2112
Delta R.T. -0.02 min
Lab File: BG037145.D
Acq: 4 Oct 2018 4:17

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	233488		
206	33.7	27.0	40.4	
141	57.1	43.8	65.6	





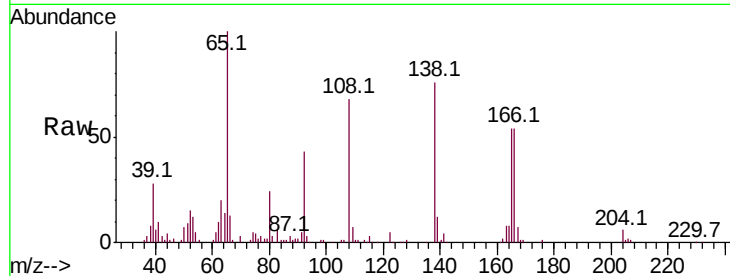
#61
4-Nitroaniline
Concen: 43.320 ng
RT: 15.73 min Scan# 2118
Delta R.T. -0.02 min
Lab File: BG037145.D
Acq: 4 Oct 2018 4:17

Instrument :
BNA_G
ClientSampleId :
HR-06-100218-AMS

Tot Ion	Ratio	Lower	Upper
138	100		
92	56.0	38.5	78.5
108	89.6	70.3	110.3

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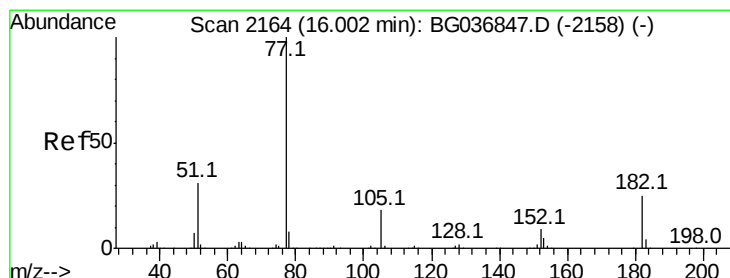
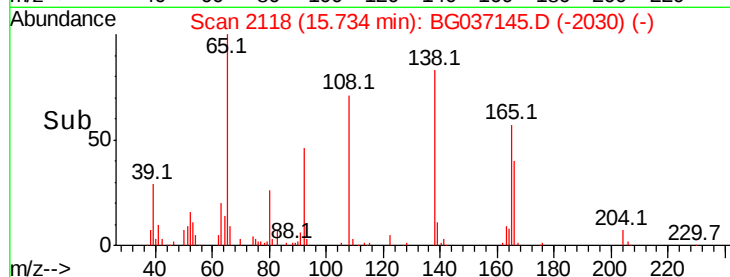
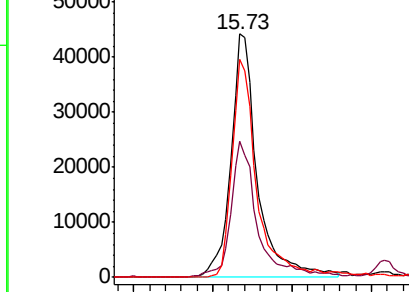


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E



#62
Azobenzene
Concen: 47.992 ng
RT: 15.99 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BG037145.D
Acq: 4 Oct 2018 4:17

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.7	6.7	46.7
105	19.9	0.0	39.8
51	31.1	12.4	52.4

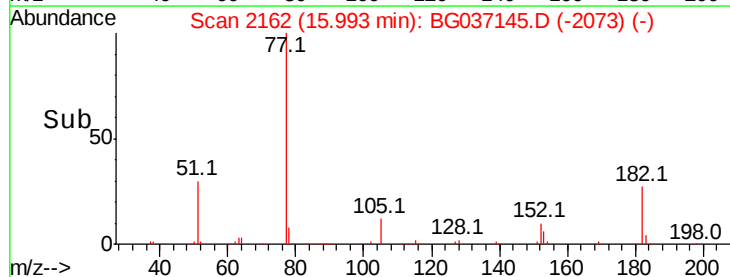
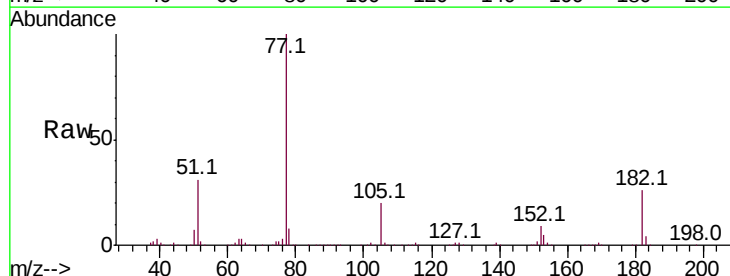
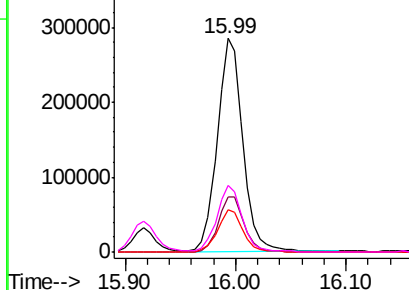
Abundance

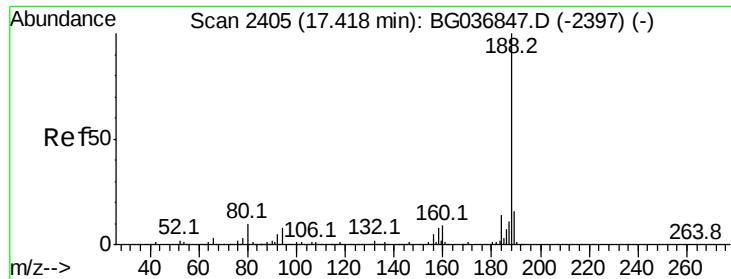
Ion 77.00 (76.70 to 77.70): BG

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG





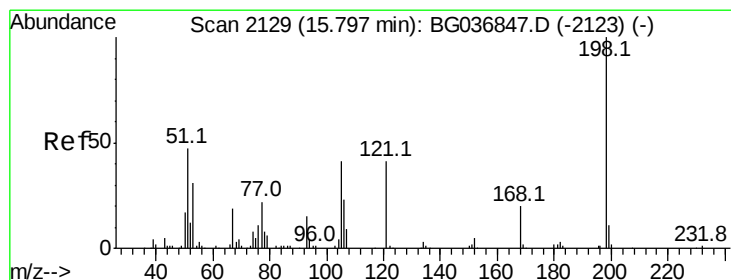
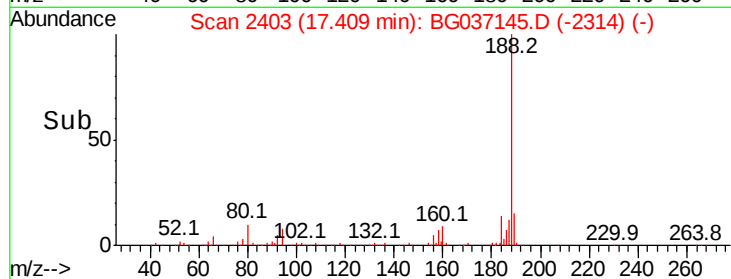
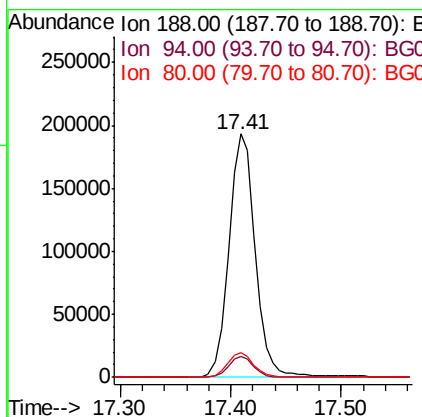
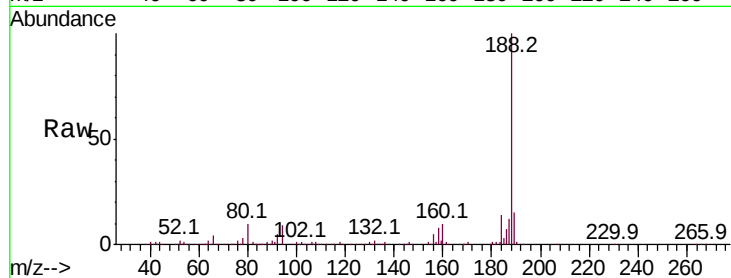
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BG037145.D
Acq: 4 Oct 2018 4:17

Instrument :
BNA_G
ClientSampleId :
HR-06-100218-AMS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	321685		
94	8.7		6.7	10.1
80	10.2		8.1	12.1

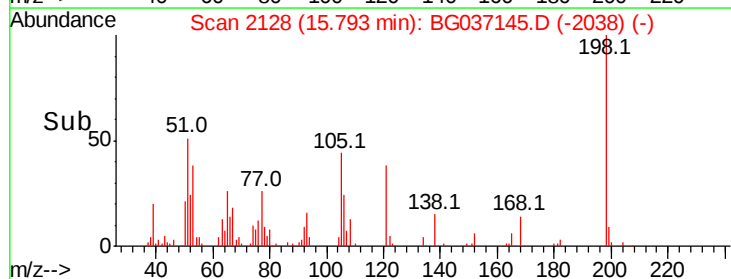
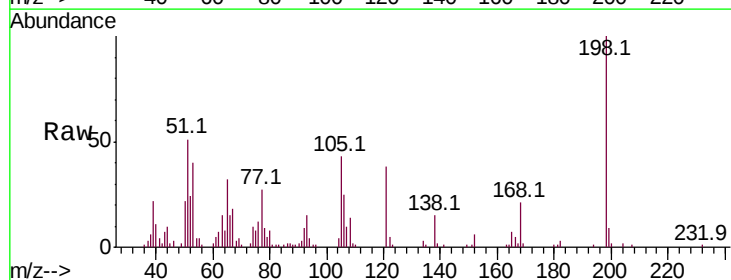
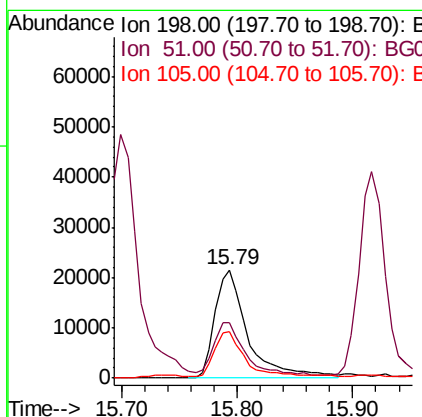
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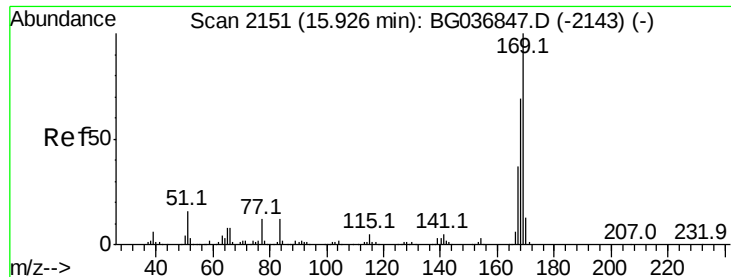
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 25.345 ng
RT: 15.79 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BG037145.D
Acq: 4 Oct 2018 4:17

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	42626		
51	51.0		26.5	66.5
105	43.1		20.2	60.2





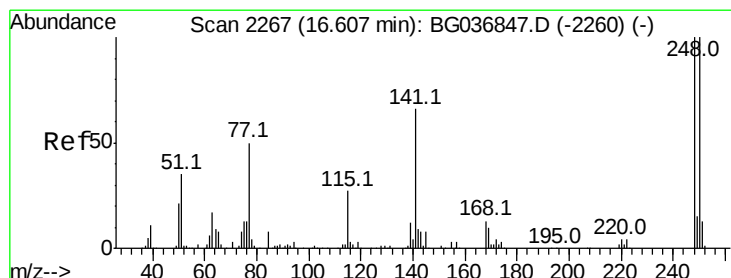
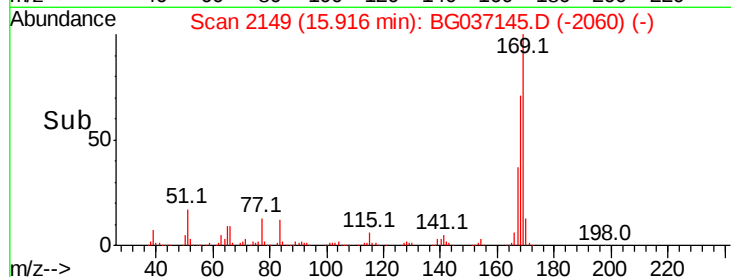
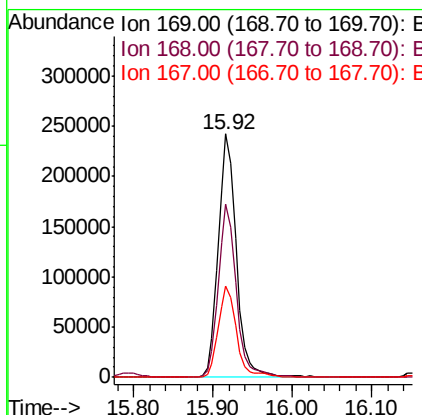
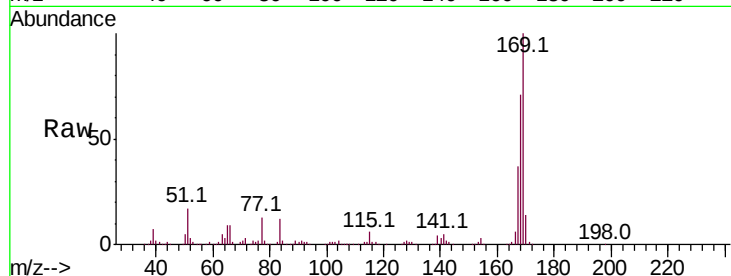
#65
n-Nitrosodiphenylamine
Concen: 43.223 ng
RT: 15.92 min Scan# 2149
Delta R.T. -0.01 min
Lab File: BG037145.D
Acq: 4 Oct 2018 4:17

Instrument :
BNA_G
ClientSampleId :
HR-06-100218-AMS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	71.0	57.6	86.4	
167	37.4	31.0	46.4	

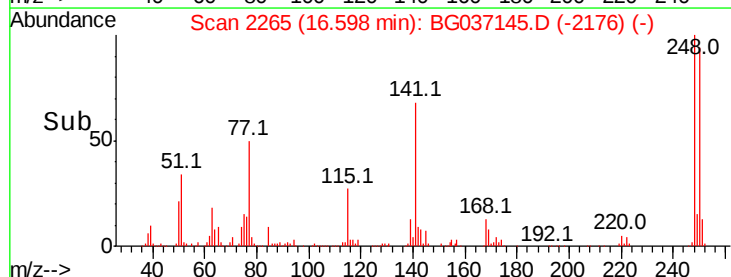
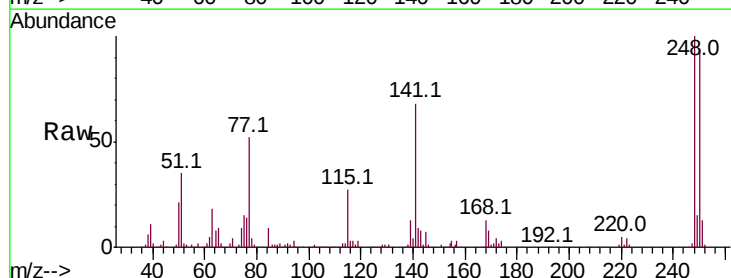
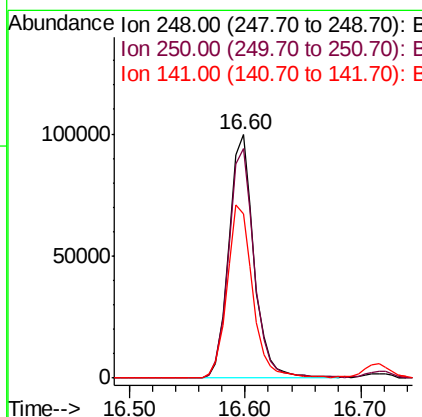
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#66
4-Bromophenyl-phenylether
Concen: 40.993 ng
RT: 16.60 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BG037145.D
Acq: 4 Oct 2018 4:17

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	94.4	78.1	117.1	
141	67.7	53.7	80.5	





#67

Hexachlorobenzene

Concen: 40.847 ng

RT: 16.72 min Scan# 2285

Delta R.T. -0.01 min

Lab File: BG037145.D

Acq: 4 Oct 2018 4:17

Instrument :

BNA_G

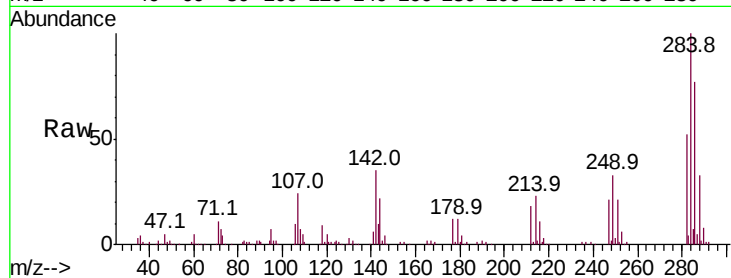
ClientSampleId :

HR-06-100218-AMS

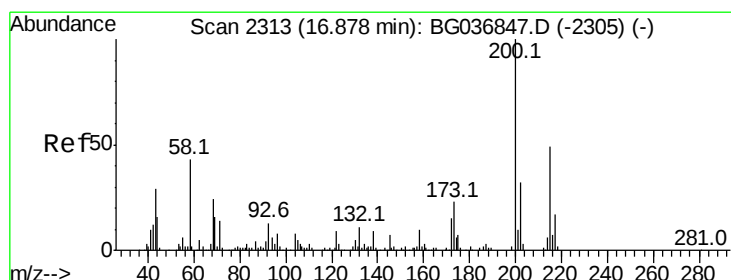
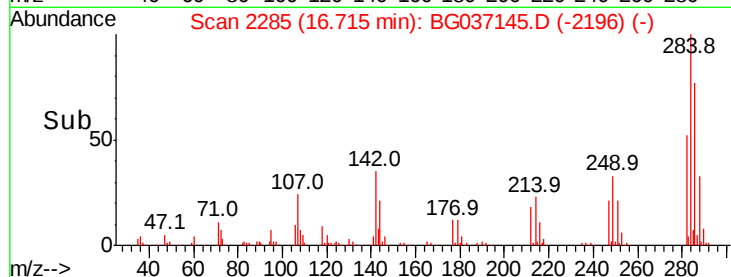
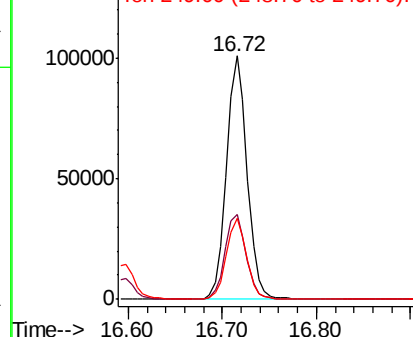
Tot Ion:	284	Resp:	153932
Ion Ratio		Lower	Upper
284	100		
142	35.0	27.8	41.6
249	33.2	27.4	41.2

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



#68

Atrazine

Concen: 45.456 ng

RT: 16.86 min Scan# 2310

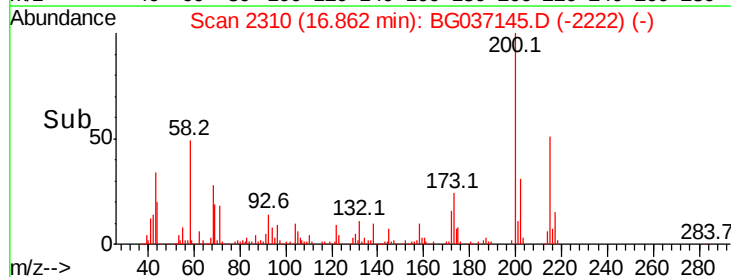
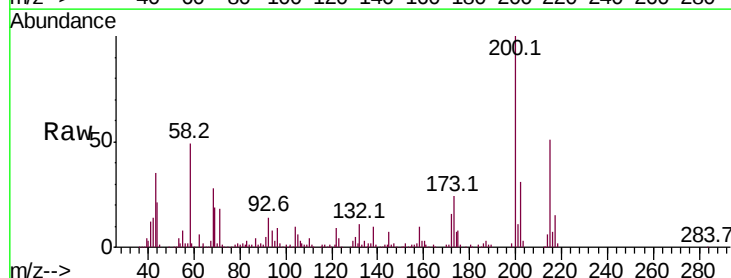
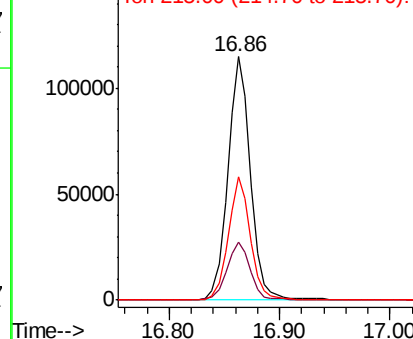
Delta R.T. -0.02 min

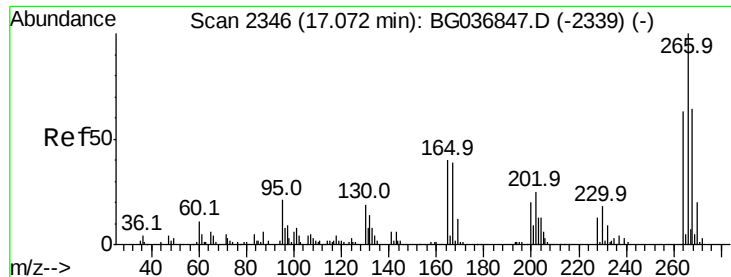
Lab File: BG037145.D

Acq: 4 Oct 2018 4:17

Tgt Ion:	200	Resp:	163454
Ion Ratio		Lower	Upper
200	100		
173	23.9	3.9	43.9
215	50.5	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





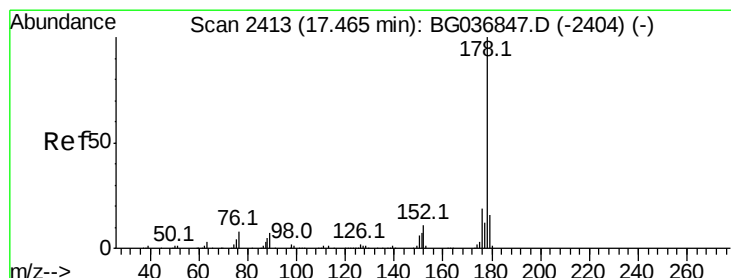
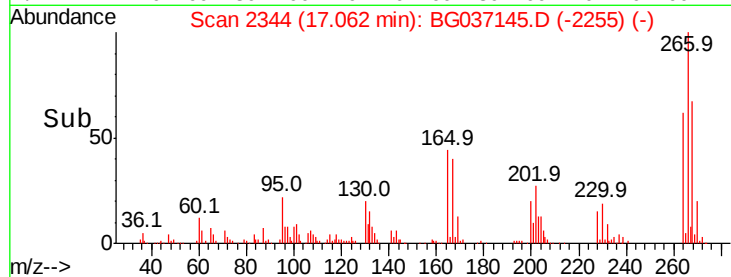
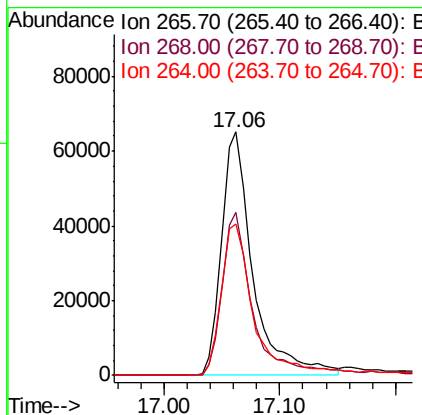
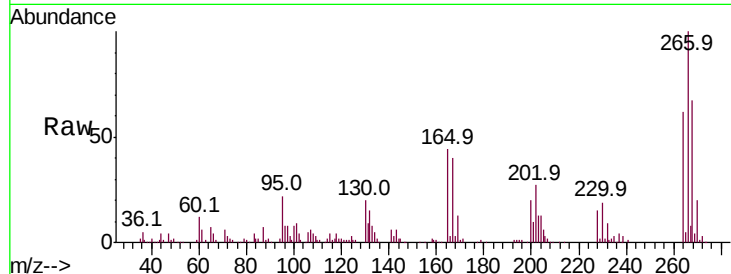
#69
 Pentachlorophenol
 Concen: 51.815 ng
 RT: 17.06 min Scan# 2344
 Delta R.T. -0.01 min
 Lab File: BG037145.D
 Acq: 4 Oct 2018 4:17

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-100218-AMS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	122940		
268	67.1	51.4	77.2	
264	62.1	48.9	73.3	

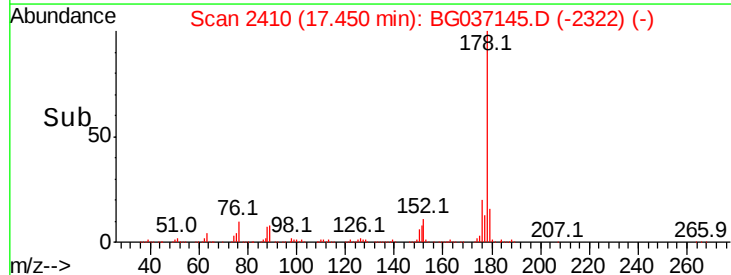
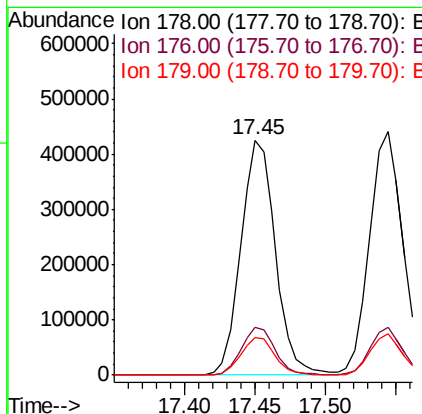
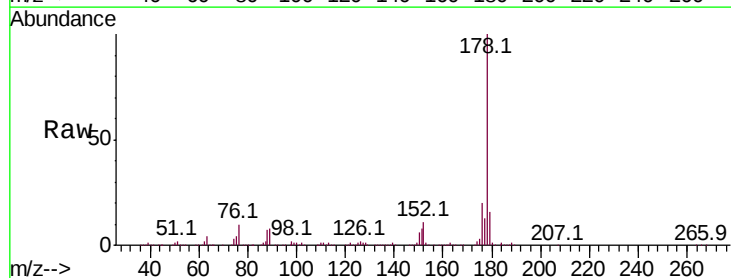
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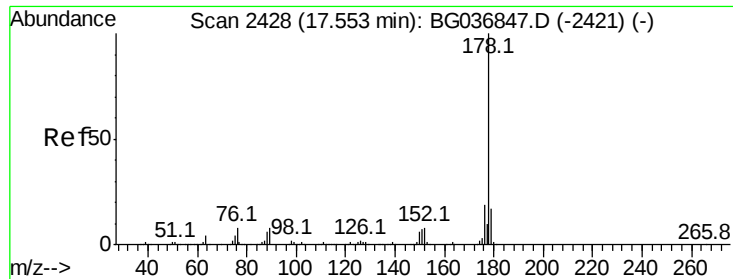
Sohil
 10/4/2018 12:59:26 PM



#70
 Phenanthrene
 Concen: 47.092 ng
 RT: 17.45 min Scan# 2410
 Delta R.T. -0.02 min
 Lab File: BG037145.D
 Acq: 4 Oct 2018 4:17

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	730013		
176	20.1	15.4	23.2	
179	16.0	13.4	20.2	





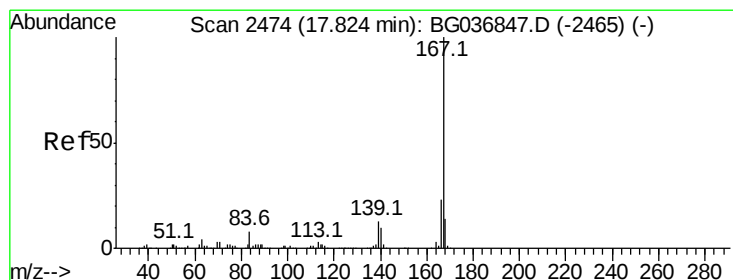
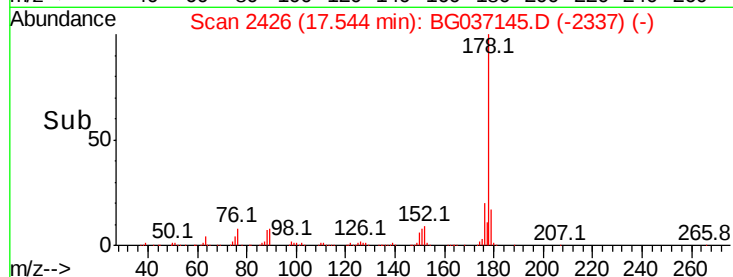
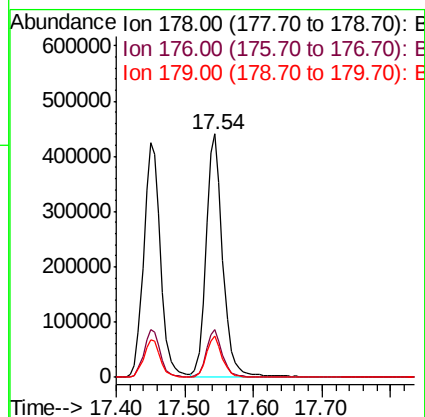
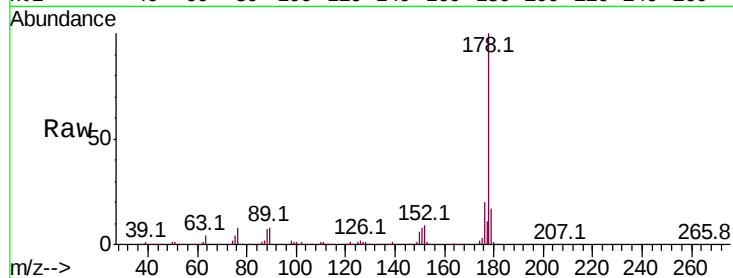
#71
 Anthracene
 Concen: 49.161 ng
 RT: 17.54 min Scan# 2426
 Delta R.T. -0.01 min
 Lab File: BG037145.D
 Acq: 4 Oct 2018 4:17

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-100218-AMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.4	23.2
179	17.0	13.0	19.4

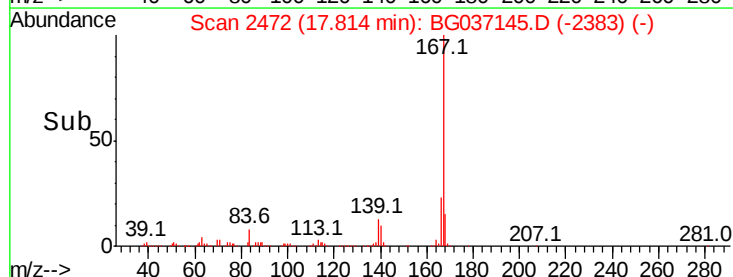
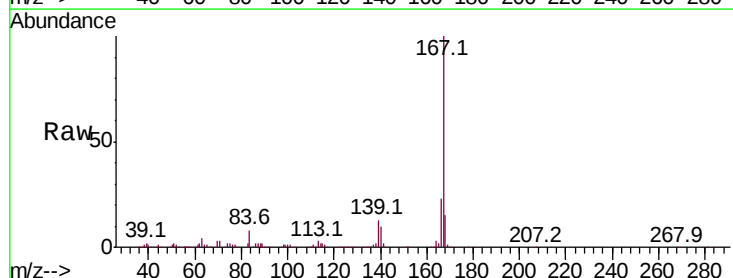
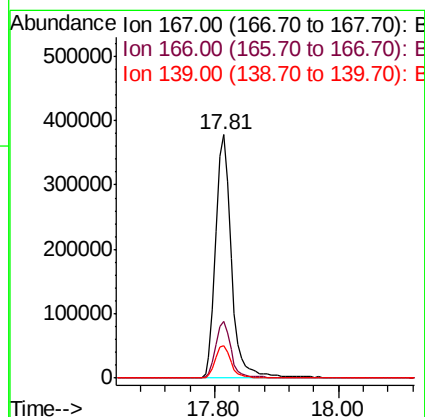
Manual Integrations
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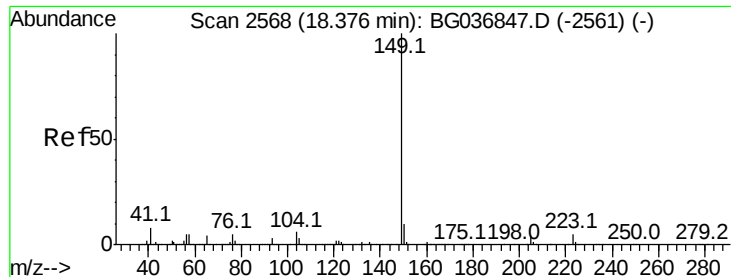
Sohil
 10/4/2018 12:59:26 PM



#72
 Carbazole
 Concen: 44.704 ng
 RT: 17.81 min Scan# 2472
 Delta R.T. -0.01 min
 Lab File: BG037145.D
 Acq: 4 Oct 2018 4:17

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.1	19.5	29.3
139	13.3	10.7	16.1





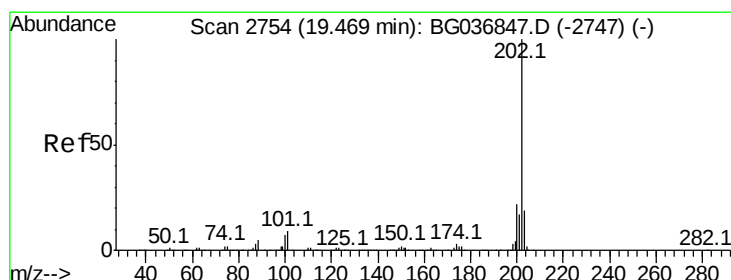
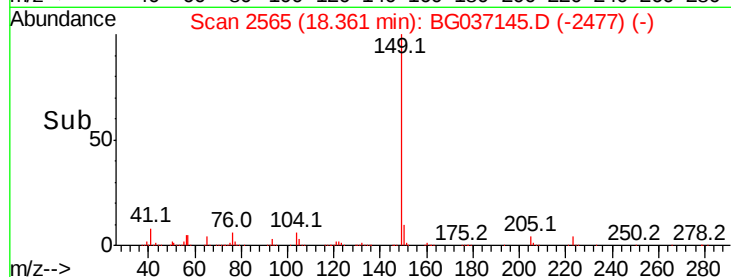
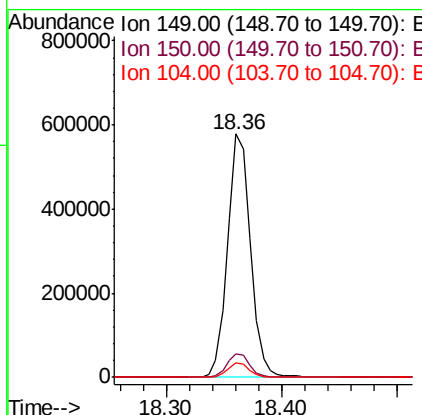
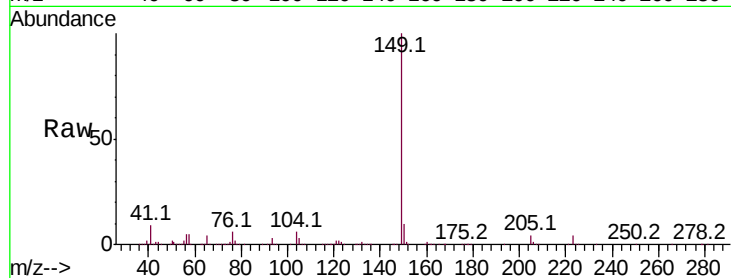
#73
Di-n-butylphthalate
Concen: 47.874 ng
RT: 18.36 min Scan# 2565
Delta R.T. -0.02 min
Lab File: BG037145.D
Acq: 4 Oct 2018 4:17

Instrument :
BNA_G
ClientSampleId :
HR-06-100218-AMS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	9.6	8.1	12.1
104	6.0	4.6	6.8

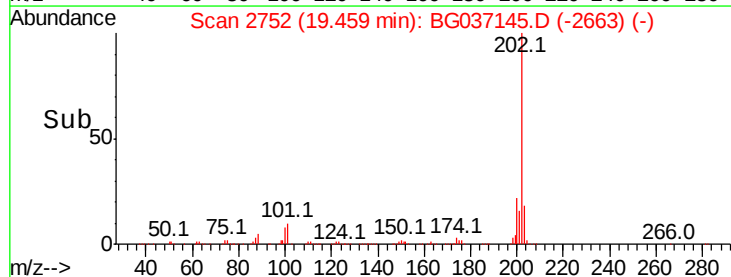
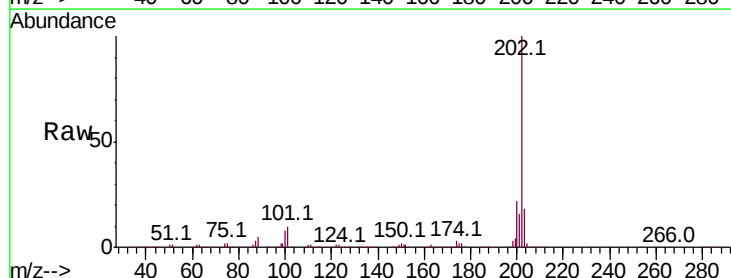
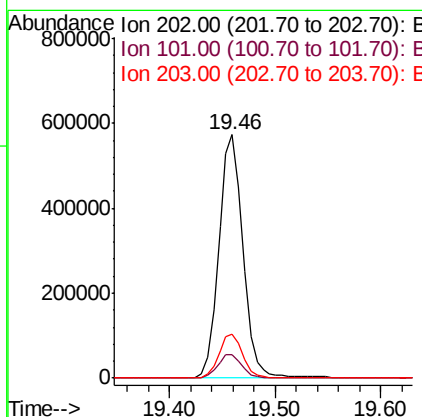
Manual Integrations
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10/4/2018 12:59:26 PM



#74
Fluoranthene
Concen: 48.727 ng
RT: 19.46 min Scan# 2752
Delta R.T. -0.01 min
Lab File: BG037145.D
Acq: 4 Oct 2018 4:17

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	9.7	0.0	29.4
203	18.1	0.0	38.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3129

Delta R.T. -0.02 min

Lab File: BG037145.D

Acq: 4 Oct 2018 4:17

Instrument :

BNA_G

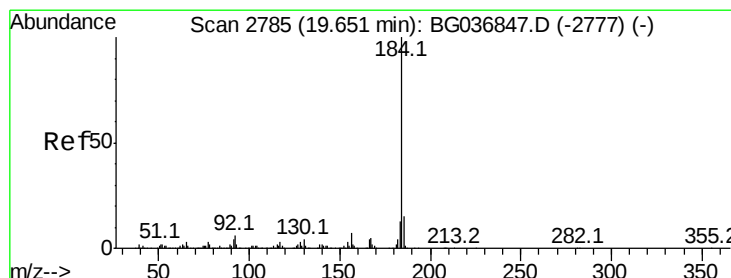
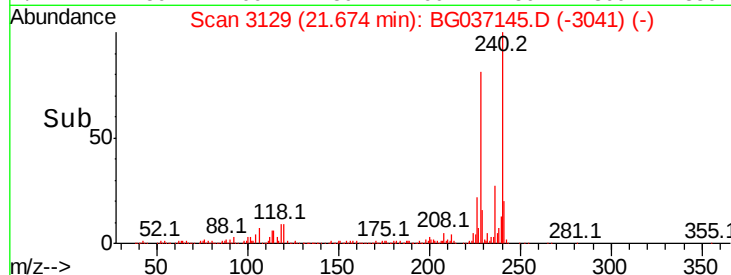
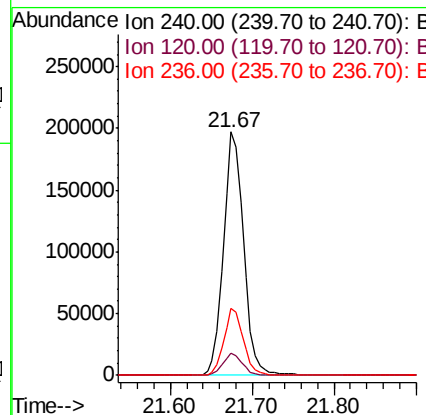
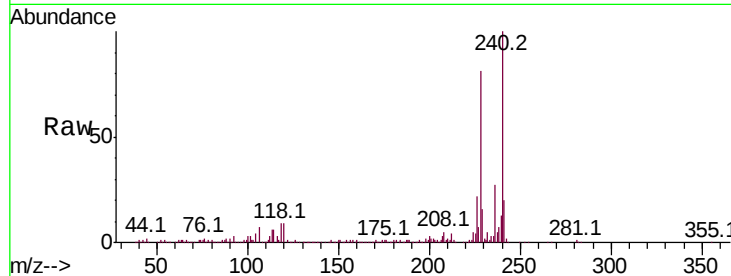
ClientSampleId :

HR-06-100218-AMS

Tot Ion:	240	Resp:	339561
Ion Ratio	Lower	Upper	
240	100		
120	8.9	6.9	10.3
236	27.4	21.2	31.8

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#76

Benzidine

Concen: 12.082 ng

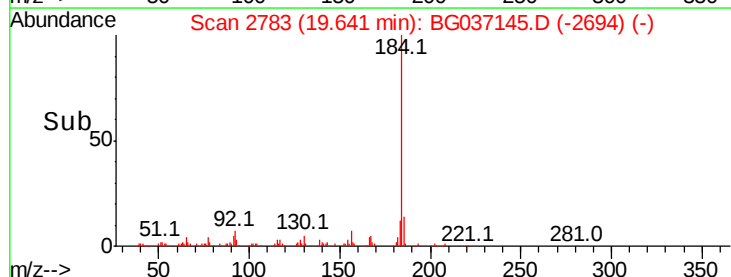
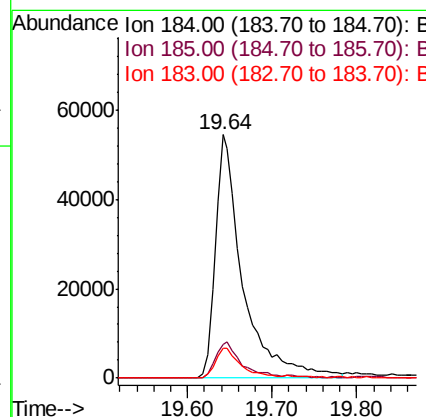
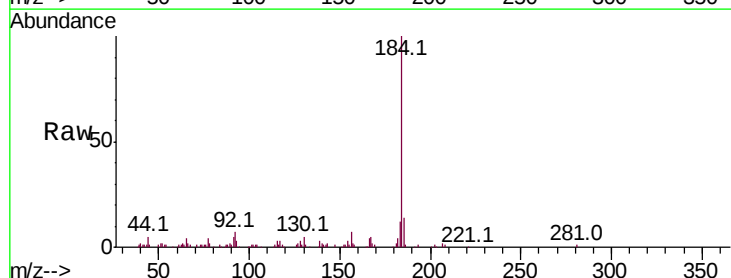
RT: 19.64 min Scan# 2783

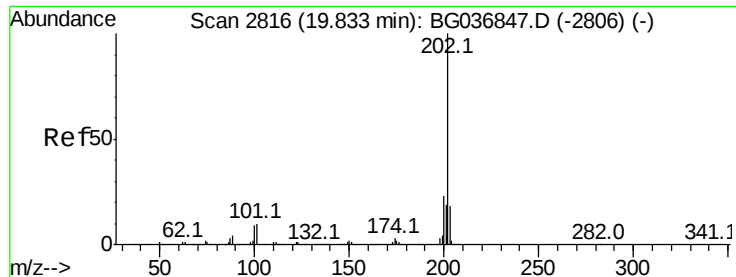
Delta R.T. -0.01 min

Lab File: BG037145.D

Acq: 4 Oct 2018 4:17

Tgt Ion:	184	Resp:	124023
Ion Ratio	Lower	Upper	
184	100		
185	13.8	12.6	18.8
183	12.3	10.9	16.3





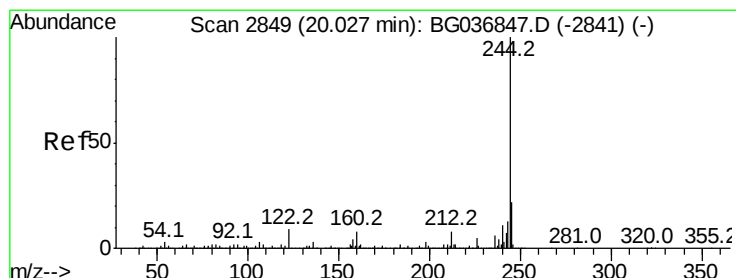
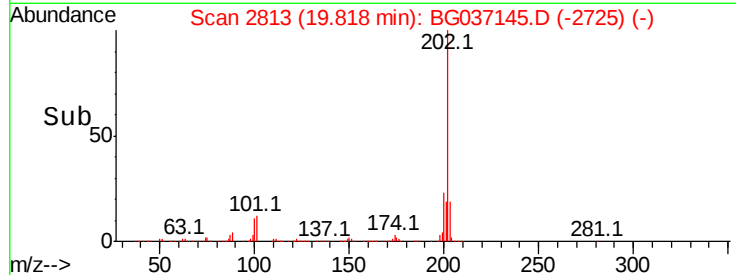
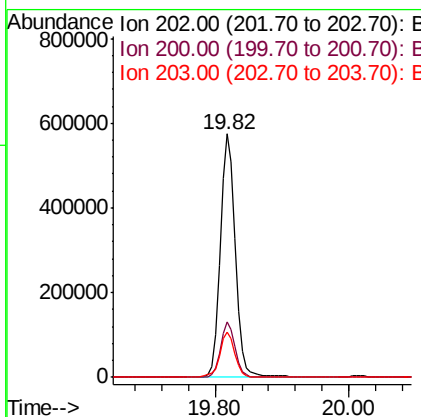
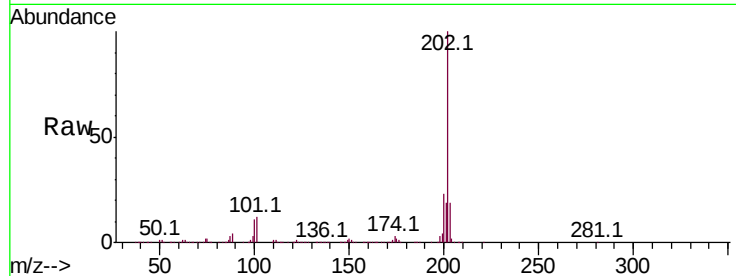
#77
Pvrene
Concen: 44.654 ng
RT: 19.82 min Scan# 2813
Delta R.T. -0.02 min
Lab File: BG037145.D
Acq: 4 Oct 2018 4:17

Instrument :
BNA_G
ClientSampleId :
HR-06-100218-AMS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	23.0	18.3	27.5
203	18.5	15.1	22.7

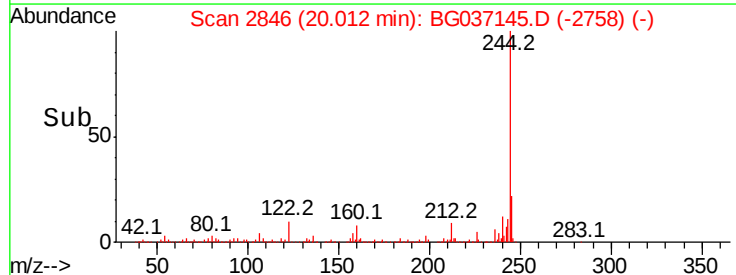
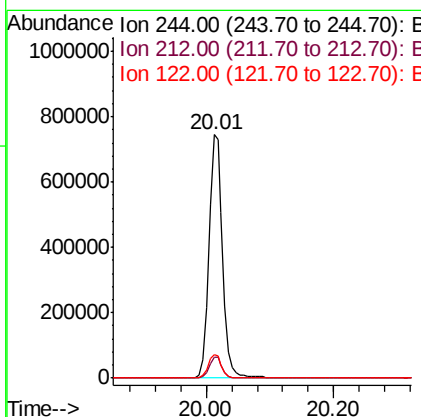
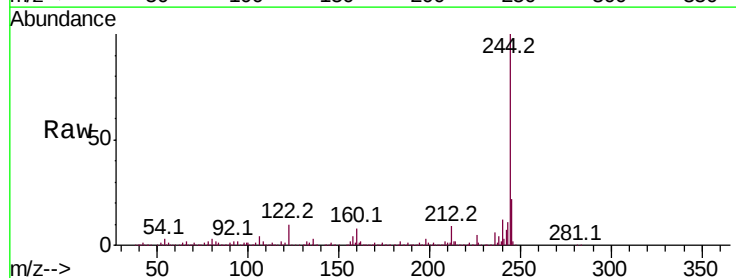
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#78
Terphenyl-d14
Concen: 87.694 ng
RT: 20.01 min Scan# 2846
Delta R.T. -0.02 min
Lab File: BG037145.D
Acq: 4 Oct 2018 4:17

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.7	7.0	10.6
122	9.9	7.1	10.7





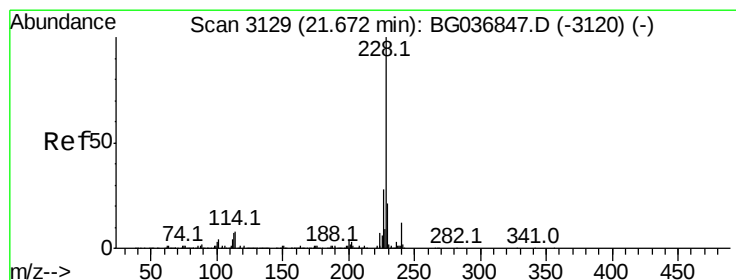
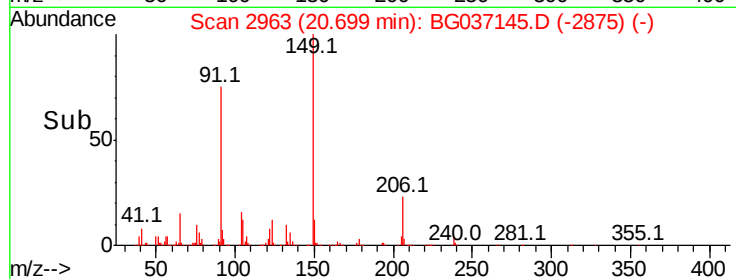
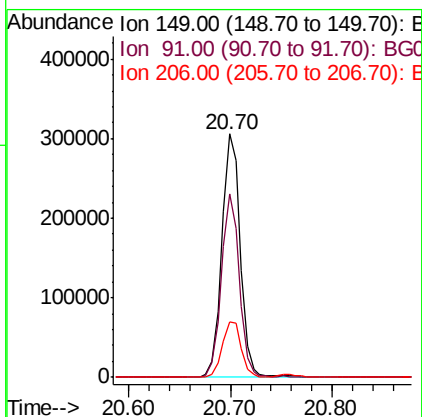
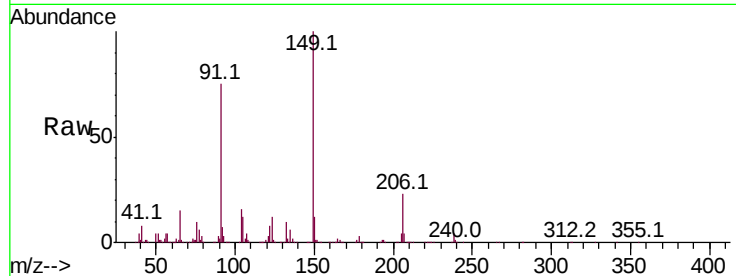
#79
Butylbenzylphthalate
Concen: 47.662 ng
RT: 20.70 min Scan# 2963
Delta R.T. -0.02 min
Lab File: BG037145.D
Acq: 4 Oct 2018 4:17

Instrument :
BNA_G
ClientSampleId :
HR-06-100218-AMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	75.3	62.0	93.0	
206	22.8	19.6	29.4	

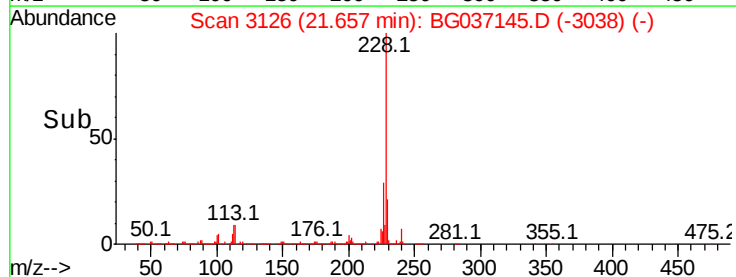
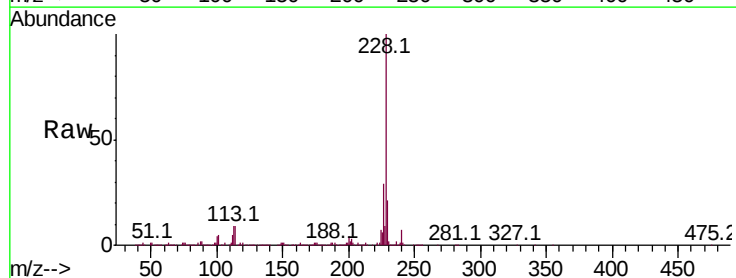
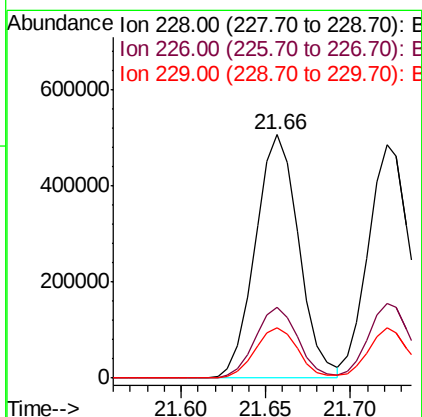
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#80
Benzo(a)anthracene
Concen: 45.770 ng
RT: 21.66 min Scan# 3126
Delta R.T. -0.02 min
Lab File: BG037145.D
Acq: 4 Oct 2018 4:17

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	28.9	23.4	35.2	
229	20.9	17.1	25.7	





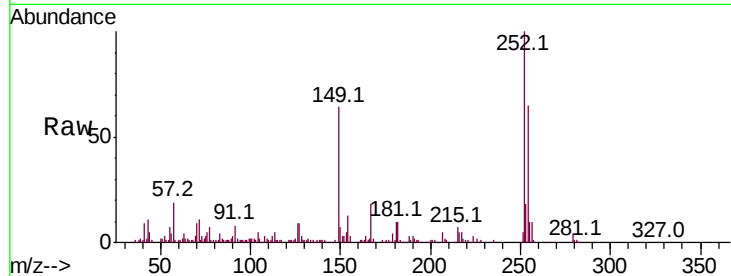
#81
 3,3'-Dichlorobenzidine
 Concen: 17.625 ng
 RT: 21.57 min Scan# 3112
 Delta R.T. -0.01 min
 Lab File: BG037145.D
 Acq: 4 Oct 2018 4:17

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-100218-AMS

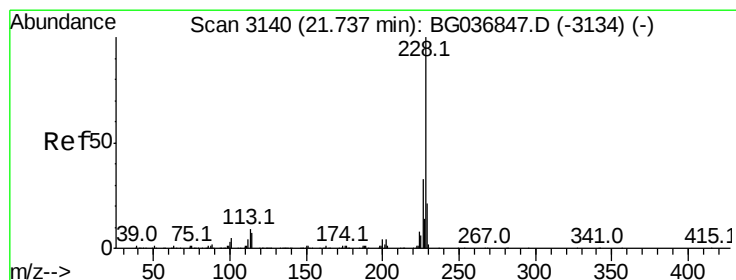
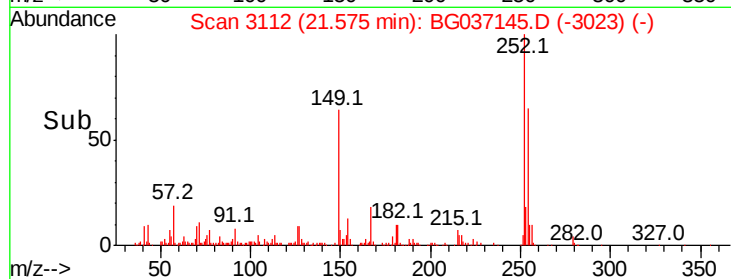
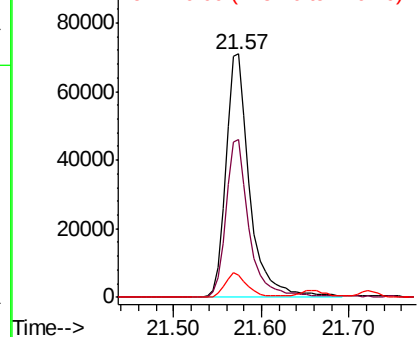
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.0	76.4
126	9.4	7.4	11.0

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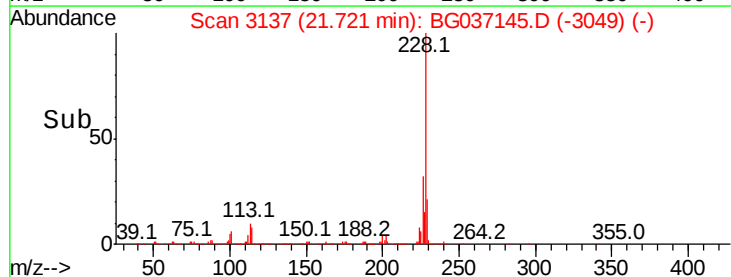
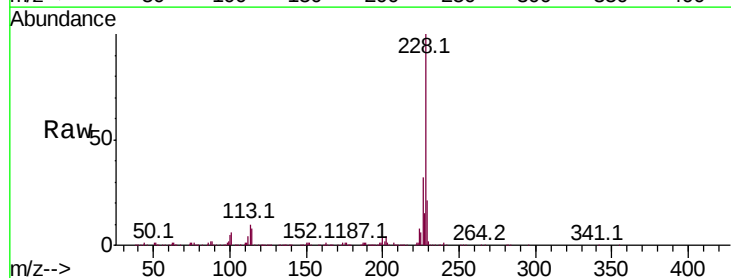
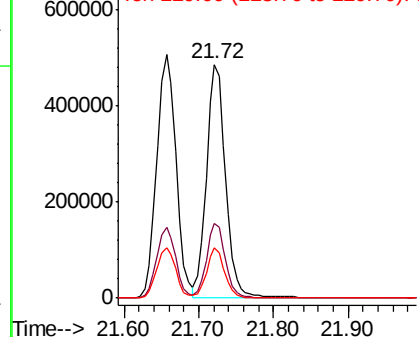
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 45.162 ng
 RT: 21.72 min Scan# 3137
 Delta R.T. -0.02 min
 Lab File: BG037145.D
 Acq: 4 Oct 2018 4:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.5	38.3
229	21.5	16.9	25.3

Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





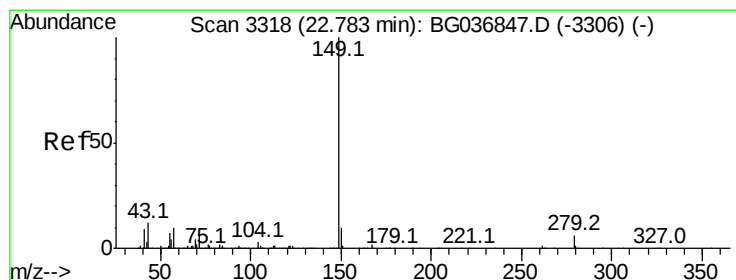
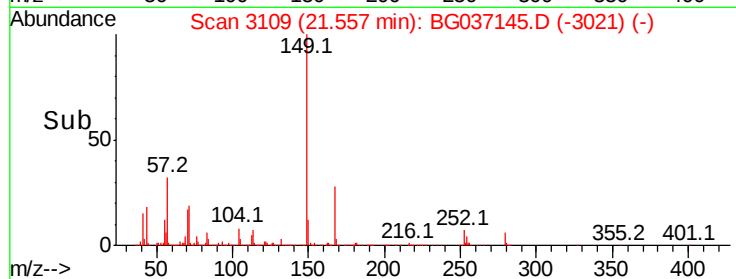
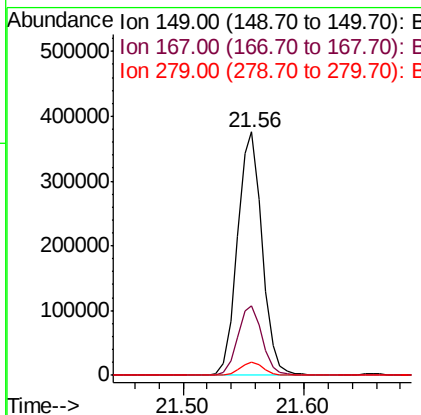
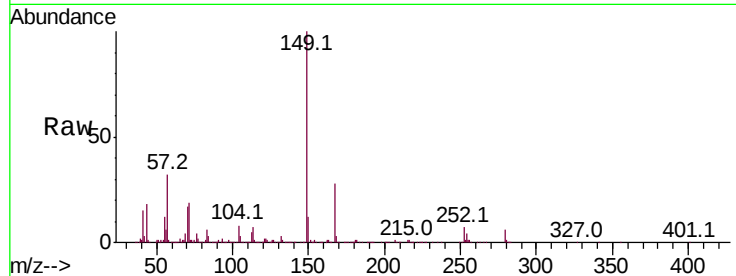
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.045 ng
 RT: 21.56 min Scan# 3109
 Delta R.T. -0.02 min
 Lab File: BG037145.D
 Acq: 4 Oct 2018 4:17

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-100218-AMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	28.5	23.4	35.0	
279	5.6	4.6	7.0	

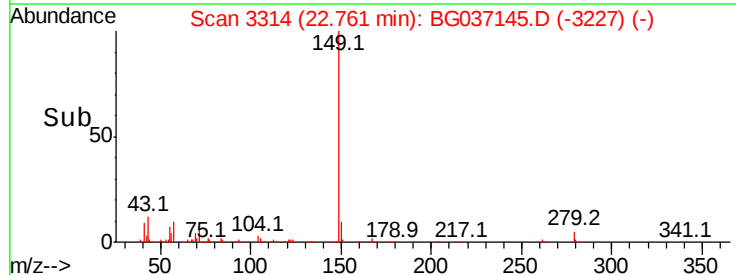
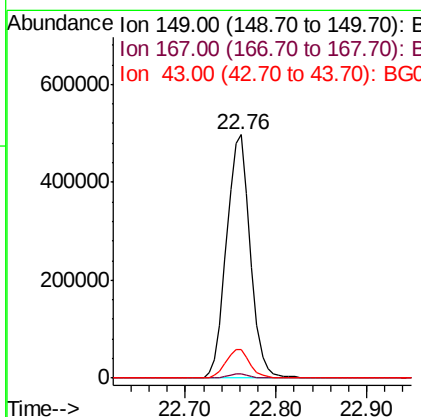
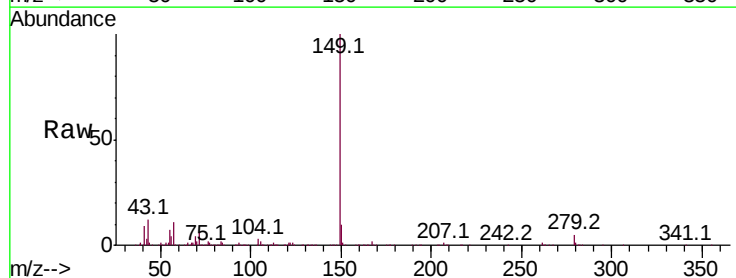
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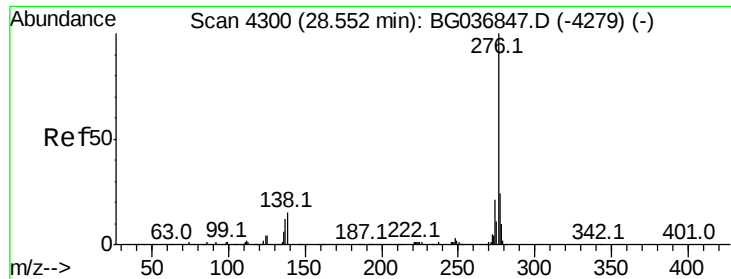
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#84
 Di-n-octyl phthalate
 Concen: 48.408 ng
 RT: 22.76 min Scan# 3314
 Delta R.T. -0.02 min
 Lab File: BG037145.D
 Acq: 4 Oct 2018 4:17

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.7	1.3	1.9	
43	11.9	10.0	15.0	





#85

Indeno(1,2,3-cd)pyrene

Concen: 48.883 ng

RT: 28.53 min Scan# 4295

Delta R.T. -0.03 min

Lab File: BG037145.D

Acq: 4 Oct 2018 4:17

Instrument :

BNA_G

ClientSampleId :

HR-06-100218-AMS

Tot Ion:276 Resp: 1005328

Ion Ratio Lower Upper

276 100

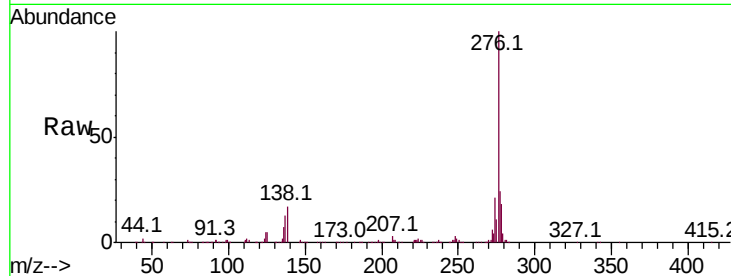
138 21.2 10.6 15.8#

277 25.4 20.6 30.8

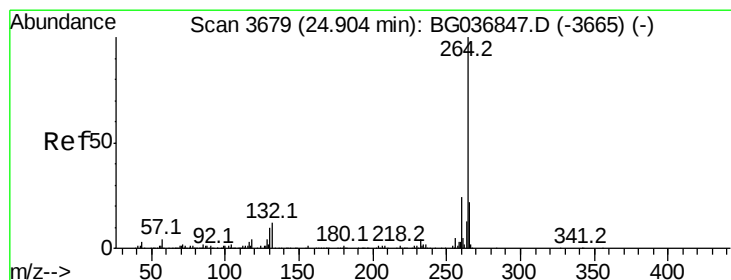
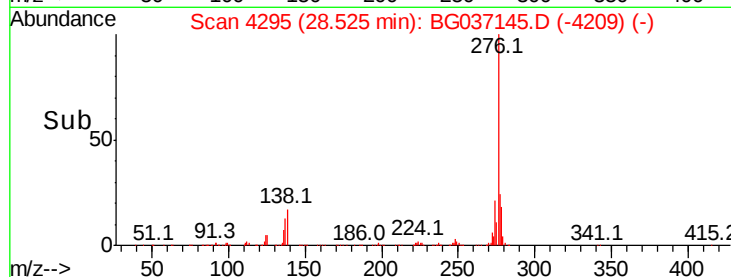
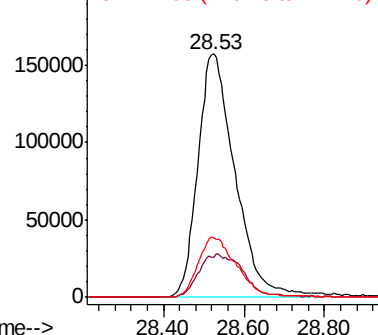
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.88 min Scan# 3674

Delta R.T. -0.03 min

Lab File: BG037145.D

Acq: 4 Oct 2018 4:17

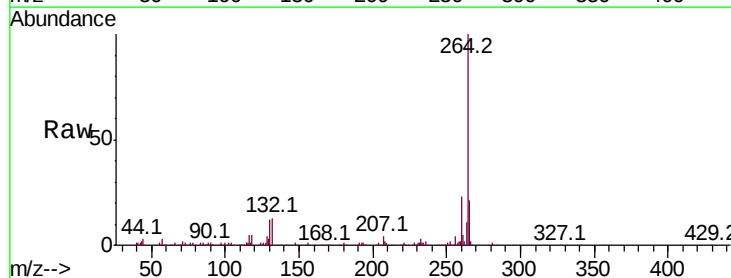
Tgt Ion:264 Resp: 352862

Ion Ratio Lower Upper

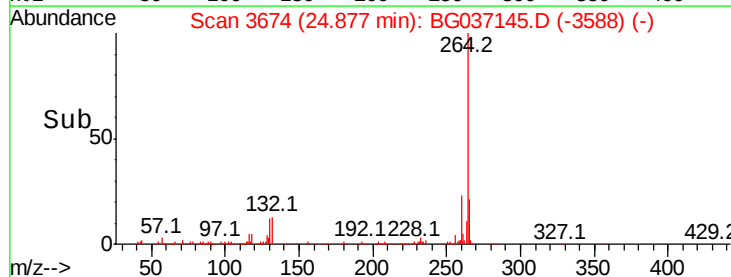
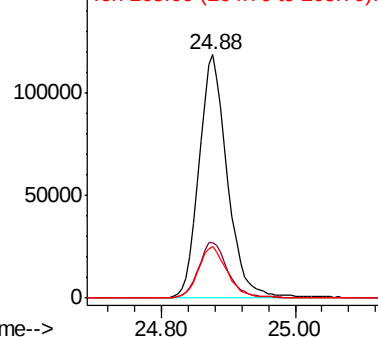
264 100

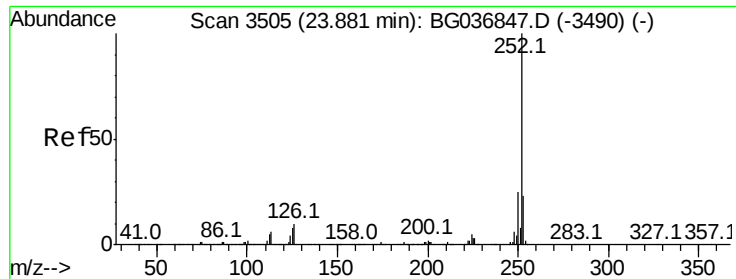
260 22.8 19.6 29.4

265 21.4 17.4 26.0



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





#87

Benzo(b)fluoranthene

Concen: 47.396 ng

RT: 23.86 min Scan# 3501

Delta R.T. -0.02 min

Lab File: BG037145.D

Acq: 4 Oct 2018 4:17

Instrument :

BNA_G

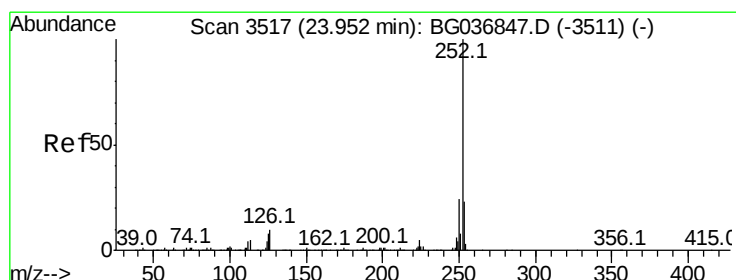
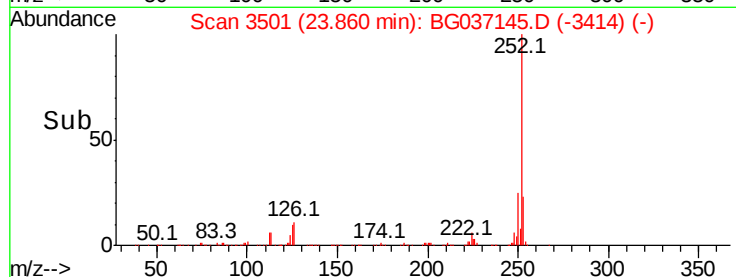
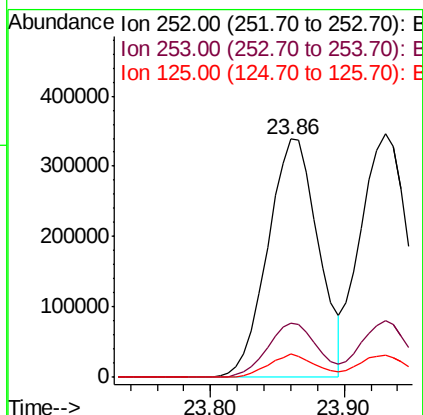
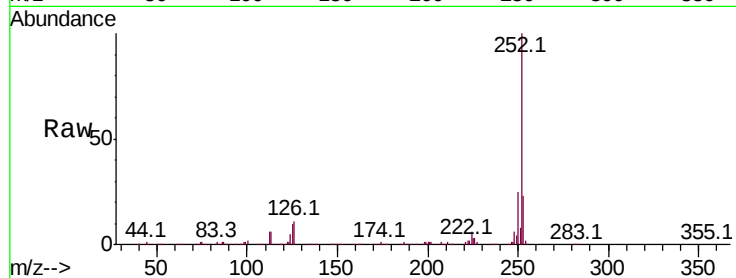
ClientSampleId :

HR-06-100218-AMS

Tot Ion:	252	Resp:	891283
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.1	25.7
125	9.8	6.6	10.0

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#88

Benzo(k)fluoranthene

Concen: 46.190 ng

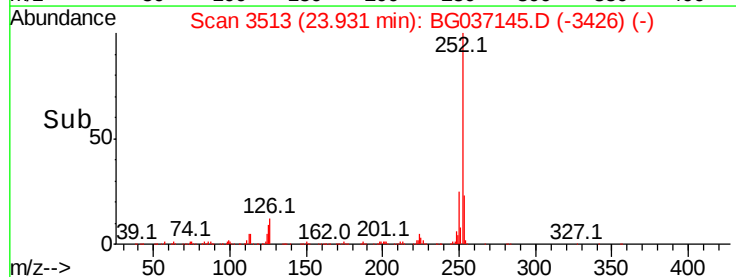
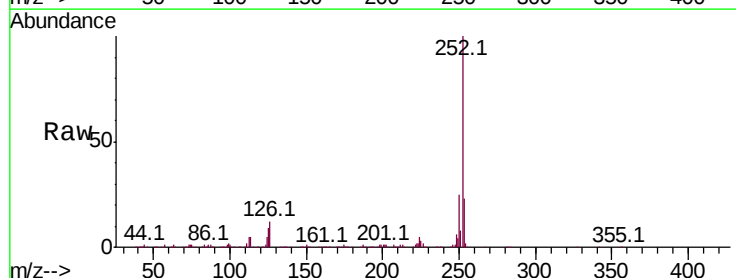
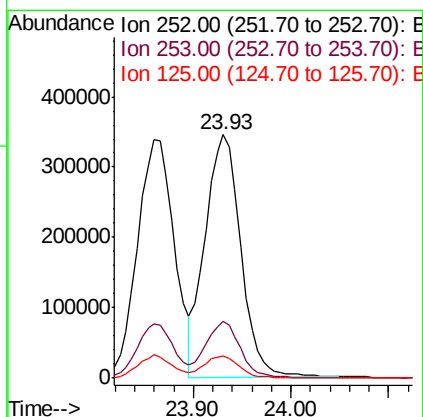
RT: 23.93 min Scan# 3513

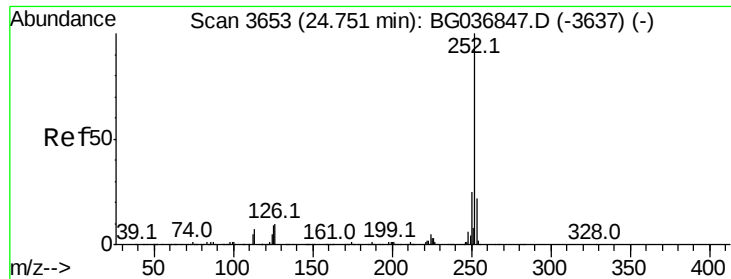
Delta R.T. -0.02 min

Lab File: BG037145.D

Acq: 4 Oct 2018 4:17

Tgt Ion:	252	Resp:	871433
Ion Ratio	Lower	Upper	
252	100		
253	23.4	18.0	27.0
125	9.3	7.0	10.6





#89

Benzo(a)pyrene

Concen: 48.060 ng

RT: 24.73 min Scan# 3649

Delta R.T. -0.02 min

Lab File: BG037145.D

Acq: 4 Oct 2018 4:17

Instrument :

BNA_G

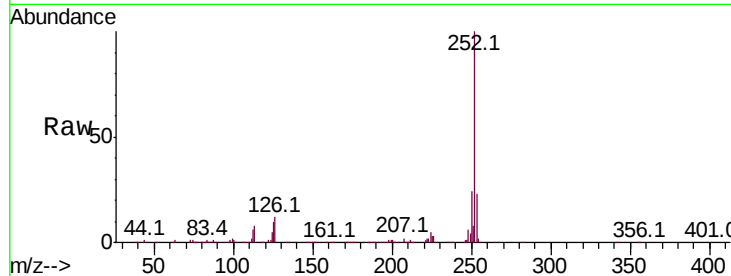
ClientSampleId :

HR-06-100218-AMS

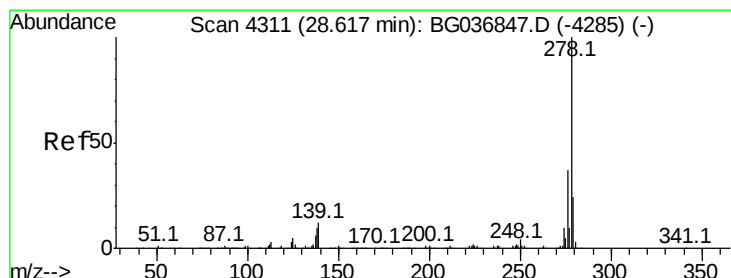
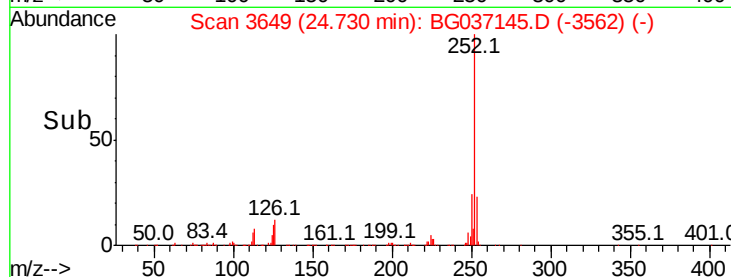
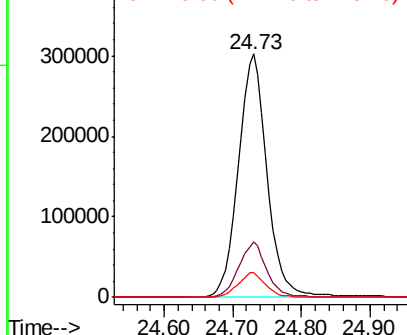
Tot Ion:	252	Resp:	873729
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.2	27.2
125	10.3	7.3	10.9

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 47.821 ng

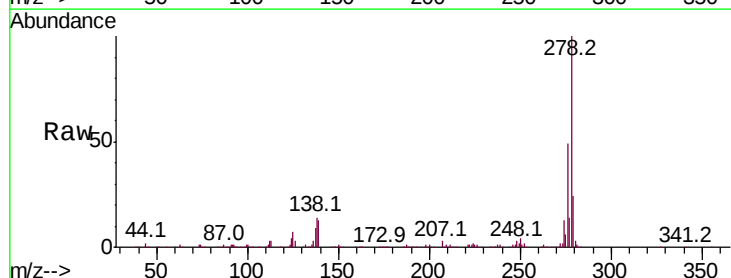
RT: 28.58 min Scan# 4304

Delta R.T. -0.04 min

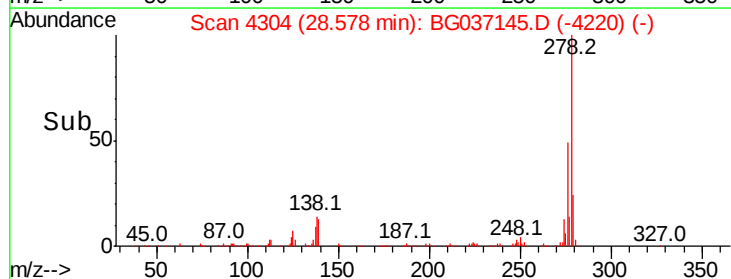
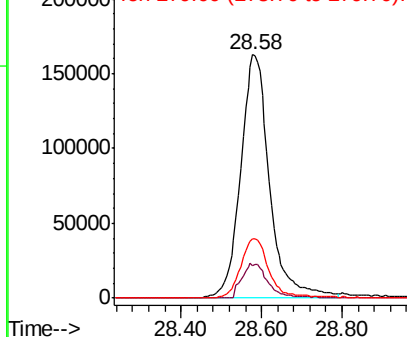
Lab File: BG037145.D

Acq: 4 Oct 2018 4:17

Tgt Ion:	278	Resp:	814802
Ion Ratio	Lower	Upper	
278	100		
139	13.2	11.0	16.4
279	24.1	18.7	28.1



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 48.808 ng
 RT: 29.67 min Scan# 4489
 Delta R.T. -0.03 min
 Lab File: BG037145.D
 Acq: 4 Oct 2018 4:17

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-100218-AMS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.4	27.6
138	18.7	14.6	22.0

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