

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092418\
 Data File : BG036923.D
 Acq On : 24 Sep 2018 18:31
 Operator : JU/SJ
 Sample : J4770-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-092118-AMS

Manual Integrations
 APPROVED

Sohil
 9/25/2018 10:57:26 AM

Quant Time: Sep 25 07:16:30 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	44946	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	196667	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	132040	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	334525	20.00	ng	0.00
75) Chrysene-d12	21.69	240	339960	20.00	ng	0.00
86) Perylene-d12	24.89	264	352434	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	287859	122.83	ng	0.00
7) Phenol-d6	7.21	99	394014	108.66	ng	0.00
23) Nitrobenzene-d5	9.21	82	299580	81.57	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	198099	125.40	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	686742	77.46	ng	0.00
78) Terphenyl-d14	20.02	244	1184297	91.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	45224	42.170	ng	# 89
3) Pyridine	3.93	79	122772	39.649	ng	97
4) n-Nitrosodimethylamine	3.84	42	73260	53.231	ng	# 91
6) Aniline	7.37	93	174518	37.092	ng	98
8) 2-Chlorophenol	7.61	128	142043	52.198	ng	93
9) Benzaldehyde	7.19	77	83326	34.777	ng	99
10) Phenol	7.23	94	174978	46.758	ng	95
11) bis(2-Chloroethyl)ether	7.47	93	144808	41.833	ng	98
12) 1,3-Dichlorobenzene	7.93	146	150048	44.975	ng	98
13) 1,4-Dichlorobenzene	8.08	146	149429	43.768	ng	96
14) 1,2-Dichlorobenzene	8.40	146	143919	43.499	ng	97
15) Benzyl Alcohol	8.28	79	145844	49.570	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	309812	46.618	ng	99
17) 2-Methylphenol	8.48	107	131557	50.468	ng	96
18) Hexachloroethane	9.12	117	57753	45.967	ng	97
19) n-Nitroso-di-n-propylamine	8.85	70	135405	44.889	ng	99
20) 3+4-Methylphenols	8.81	107	181427	50.030	ng	99
22) Acetophenone	8.87	105	233352	50.491	ng	95
24) Nitrobenzene	9.25	77	198129	50.519	ng	99
25) Isophorone	9.77	82	388731	57.929	ng	99
26) 2-Nitrophenol	9.96	139	82555	52.810	ng	98
27) 2,4-Dimethylphenol	10.02	122	148181	60.853	ng	97
28) bis(2-Chloroethoxy)methane	10.25	93	219234	52.946	ng	98
29) 2,4-Dichlorophenol	10.50	162	156217	55.341	ng	98
30) 1,2,4-Trichlorobenzene	10.71	180	161568	45.736	ng	98
31) Naphthalene	10.90	128	484650	51.792	ng	98
32) Benzoic acid	10.13	122	10602m	10.813	ng	
33) 4-Chloroaniline	11.02	127	64483	15.156	ng	96
34) Hexachlorobutadiene	11.18	225	112586	46.086	ng	98
35) Caprolactam	11.79	113	46451m	39.981	ng	
36) 4-Chloro-3-methylphenol	12.13	107	184947	54.910	ng	96
37) 2-Methylnaphthalene	12.50	142	378997	53.179	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	217770	47.287	ng	99
40) Hexachlorocyclopentadiene	12.84	237	252245	106.498	ng	99

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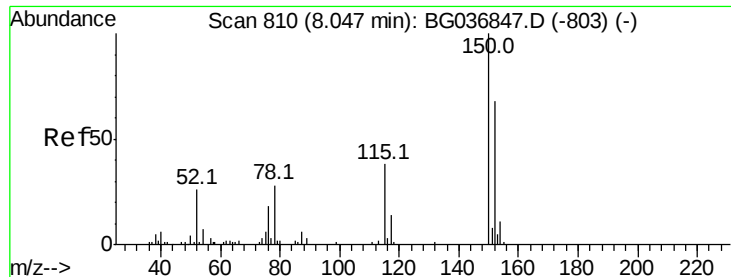
Manual Integrations
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 9/25/2018 10:57:26 AM

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	137363	53.713	nq	96
43) 2,4,5-Trichlorophenol	13.18	196	154371	56.610	nq	98
45) 1,1'-Biphenyl	13.51	154	506924	50.129	nq	97
46) 2-Chloronaphthalene	13.55	162	385775	48.510	nq	99
47) 2-Nitroaniline	13.75	65	148108	53.845	nq	98
48) Acenaphthylene	14.39	152	662876	53.193	nq	100
49) Dimethylphthalate	14.12	163	539522	50.763	nq	99
50) 2,6-Dinitrotoluene	14.25	165	119350	51.468	nq	99
51) Acenaphthene	14.74	154	379878	50.438	nq	99
52) 3-Nitroaniline	14.58	138	81773	33.465	nq	96
53) 2,4-Dinitrophenol	14.79	184	35190	36.934	nq	93
54) Dibenzofuran	15.07	168	635481	49.883	nq	100
55) 4-Nitrophenol	14.89	139	153422	98.282	nq	96
56) 2,4-Dinitrotoluene	15.03	165	168243	51.995	nq	93
57) Fluorene	15.72	166	511267	53.694	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.29	232	158144	57.168	nq	97
59) Diethylphthalate	15.49	149	541994	50.560	nq	99
60) 4-Chlorophenyl-phenylether	15.71	204	289704	48.043	nq	99
61) 4-Nitroaniline	15.75	138	129952	50.559	nq	95
62) Azobenzene	16.00	77	552700	53.660	nq	98
64) 4,6-Dinitro-2-methylphenol	15.80	198	49614	28.368	nq	95
65) n-Nitrosodiphenylamine	15.92	169	471616	51.067	nq	97
66) 4-Bromophenyl-phenylether	16.60	248	189528	49.810	nq	97
67) Hexachlorobenzene	16.72	284	190692	48.659	nq	99
68) Atrazine	16.87	200	201795	53.964	nq	98
69) Pentachlorophenol	17.07	266	177006	71.739	nq	98
70) Phenanthrene	17.46	178	868627	53.883	nq	97
71) Anthracene	17.55	178	887834	55.698	nq	98
72) Carbazole	17.82	167	784538	50.479	nq	98
73) Di-n-butylphthalate	18.37	149	908556	52.640	nq	99
74) Fluoranthene	19.46	202	1063049	54.783	nq	99
76) Benzidine	19.65	184	293182	28.528	nq	96
77) Pyrene	19.82	202	1038755	50.918	nq	100
79) Butylbenzylphthalate	20.70	149	425424	52.318	nq	97
80) Benzo(a)anthracene	21.66	228	1045497	52.683	nq	99
81) 3,3'-Dichlorobenzidine	21.58	252	247523	32.768	nq	99
82) Chrysene	21.73	228	969324	50.553	nq	99
83) Bis(2-ethylhexyl)phthalate	21.56	149	582453	51.275	nq	99
84) Di-n-octyl phthalate	22.77	149	989378	52.899	nq	99
85) Indeno(1,2,3-cd)pyrene	28.54	276	1206500	58.596	nq	# 94
87) Benzo(b)fluoranthene	23.87	252	1043368	55.551	nq	97
88) Benzo(k)fluoranthene	23.94	252	1007670	53.476	nq	98
89) Benzo(a)pyrene	24.74	252	1024244	56.407	nq	99
90) Dibenzo(a,h)anthracene	28.61	278	967397	56.846	nq	97
91) Benzo(g,h,i)perylene	29.69	276	999620	58.528	nq	97

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



#1

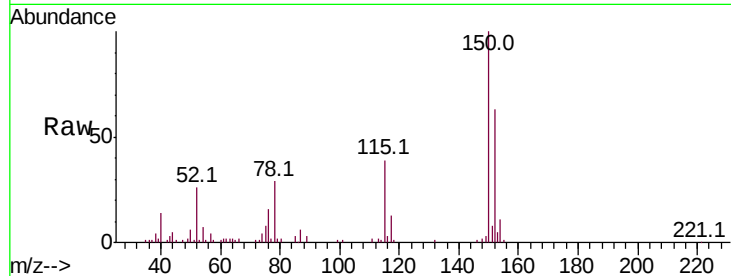
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.00 min
Lab File: BG036923.D
Acq: 24 Sep 2018 18:31

Instrument :
BNA_G
ClientSampleId :
JC-02-092118-AMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	119.5	179.3
115	62.2	44.5	66.7

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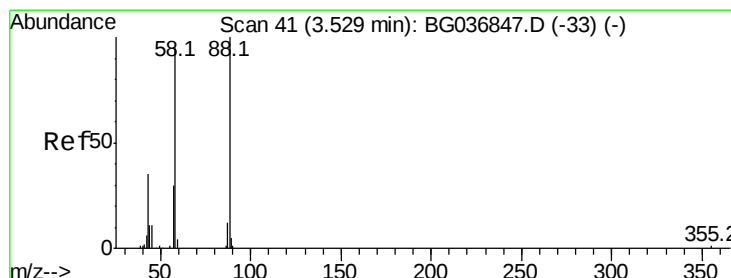
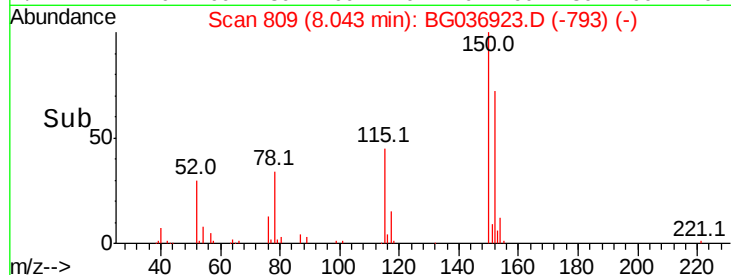
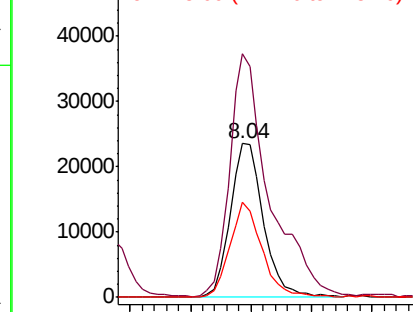


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

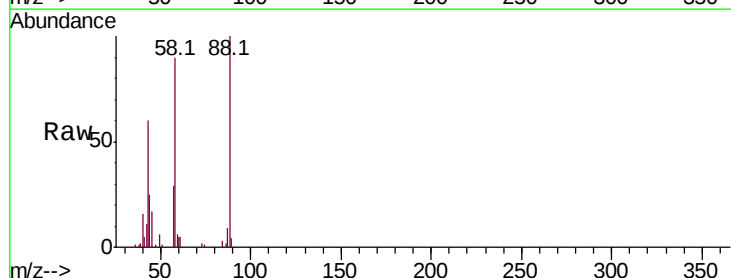
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 42.170 ng
RT: 3.54 min Scan# 42
Delta R.T. 0.01 min
Lab File: BG036923.D
Acq: 24 Sep 2018 18:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.2	72.6	109.0
43	51.4	29.0	43.4#

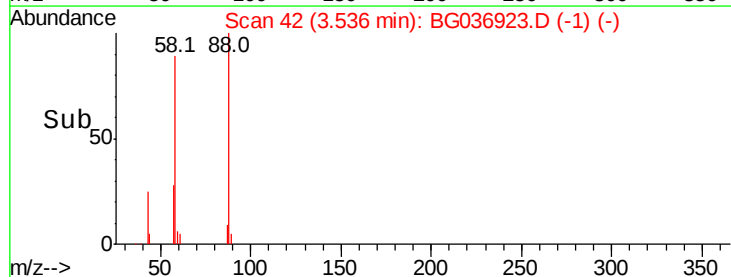
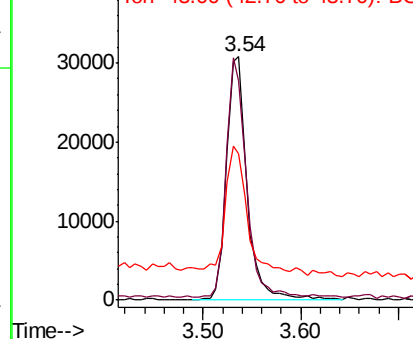


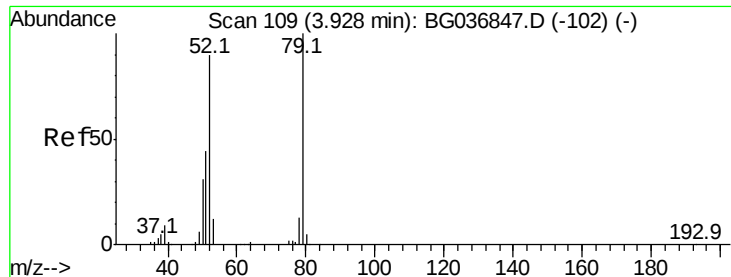
Abundance

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





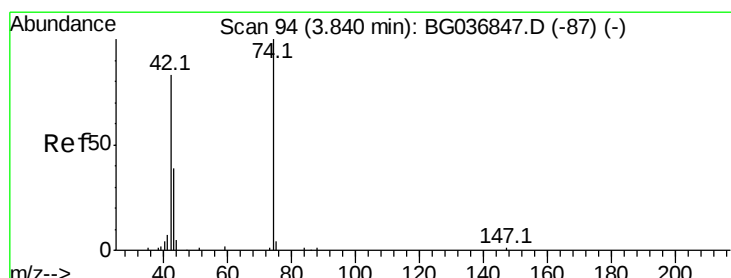
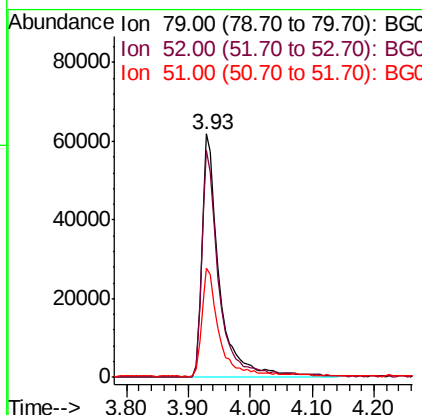
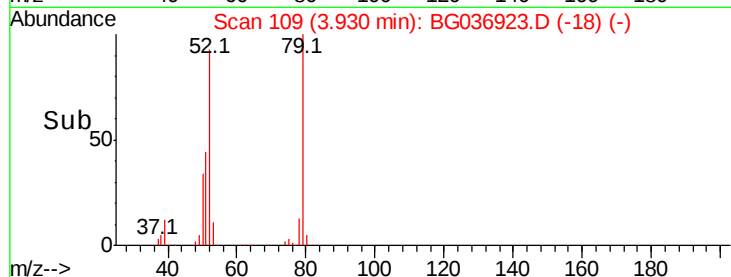
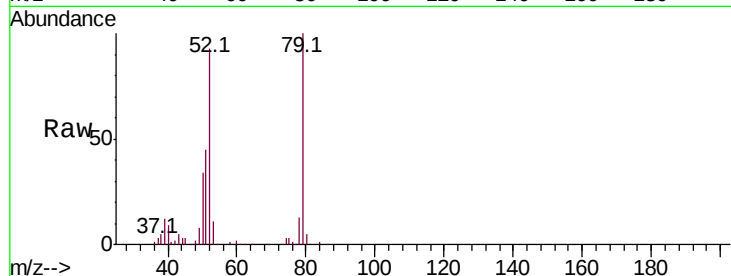
#3
 Pvridine
 Concen: 39.649 ng
 RT: 3.93 min Scan# 109
 Delta R.T. 0.00 min
 Lab File: BG036923.D
 Acq: 24 Sep 2018 18:31

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-092118-AMS

Tot Ion	Ratio	Lower	Upper
79	100		
52	93.2	72.3	108.5
51	45.0	33.8	50.6

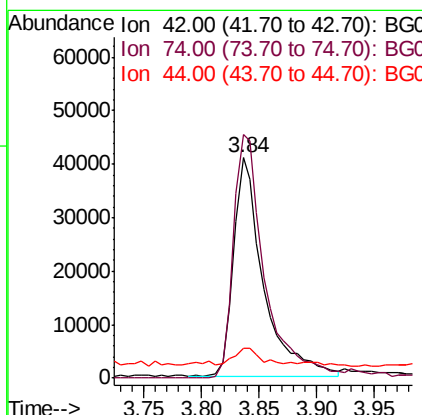
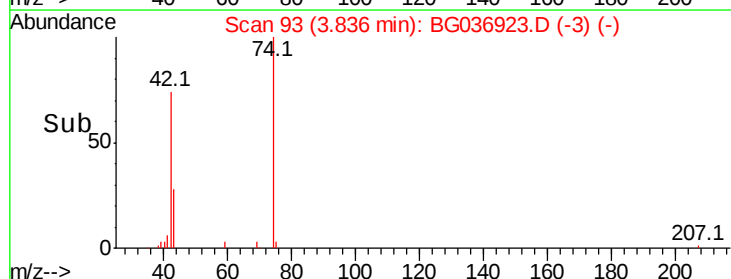
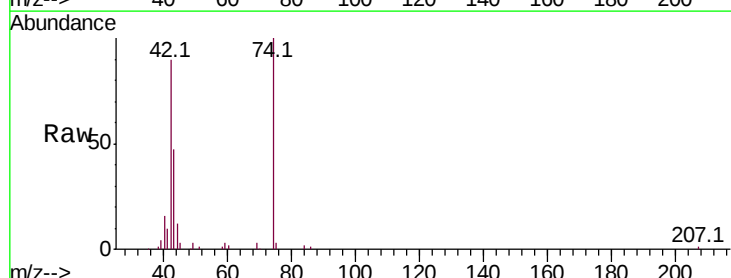
Manual Integrations
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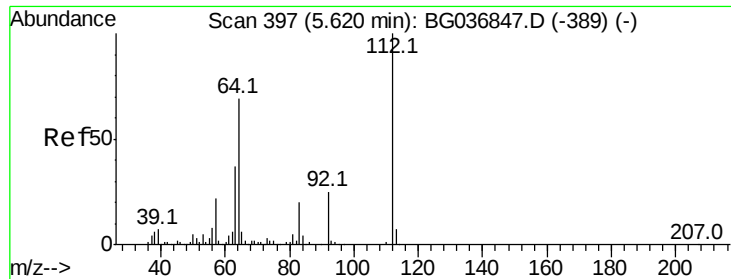
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#4
 n-Nitrosodimethylamine
 Concen: 53.231 ng
 RT: 3.84 min Scan# 93
 Delta R.T. -0.00 min
 Lab File: BG036923.D
 Acq: 24 Sep 2018 18:31

Tgt Ion	Ratio	Lower	Upper
42	100		
74	110.6	96.6	145.0
44	13.4	7.0	10.4





#5

2-Fluorophenol

Concen: 122.825 ng

RT: 5.62 min Scan# 396

Delta R.T. -0.00 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

Instrument :

BNA_G

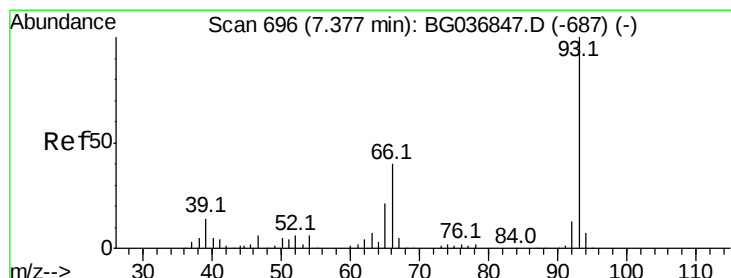
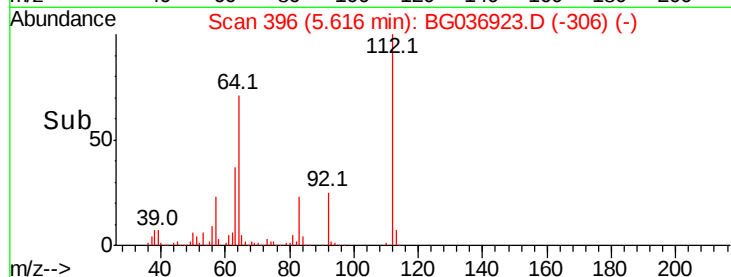
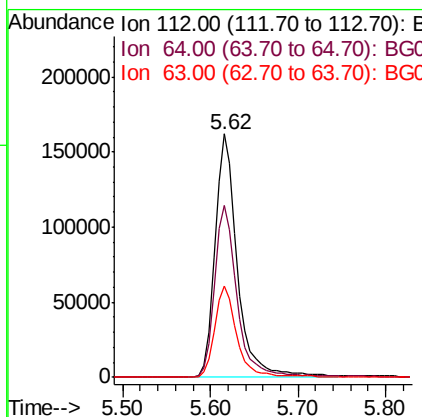
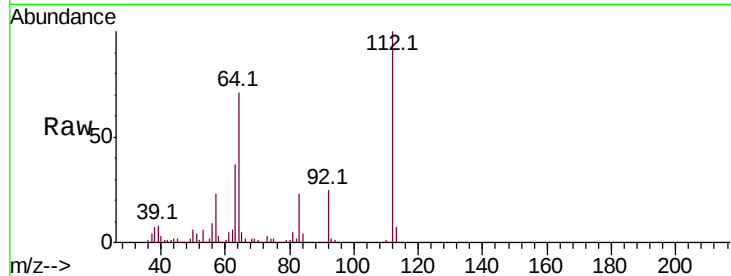
ClientSampleId :

JC-02-092118-AMS

Tot Ion:	112	Resp:	287859
Ion Ratio	Lower	Upper	
112	100		
64	70.8	57.2	85.8
63	37.4	30.8	46.2

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#6

Aniline

Concen: 37.092 ng

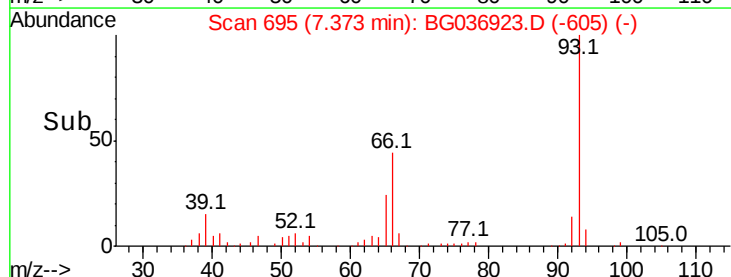
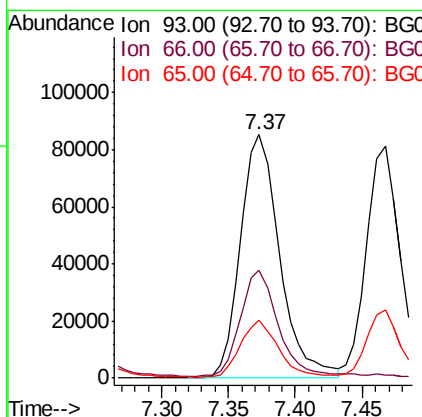
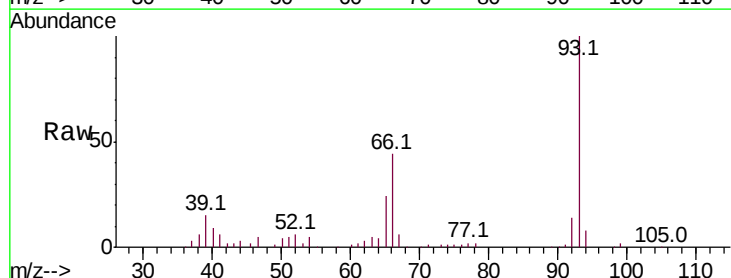
RT: 7.37 min Scan# 695

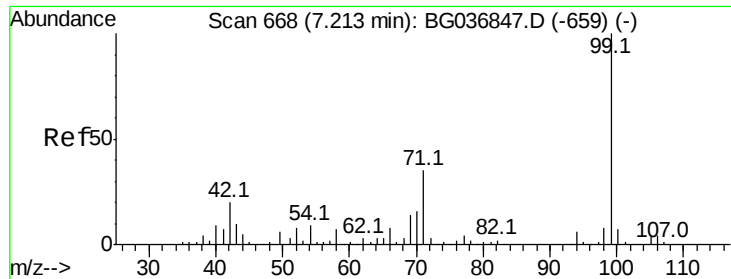
Delta R.T. -0.00 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

Tgt Ion:	93	Resp:	174518
Ion Ratio	Lower	Upper	
93	100		
66	44.3	35.0	52.4
65	23.8	17.6	26.4





#7

Phenol-d6

Concen: 108.663 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.00 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

Instrument :

BNA_G

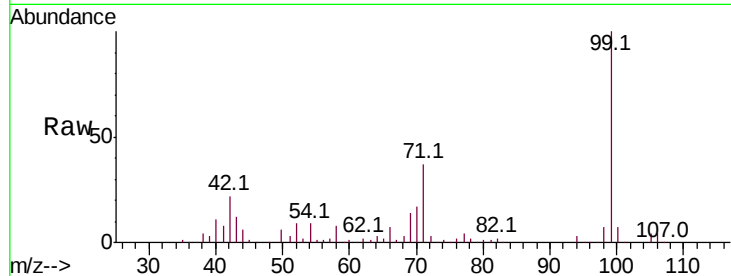
ClientSampleId :

JC-02-092118-AMS

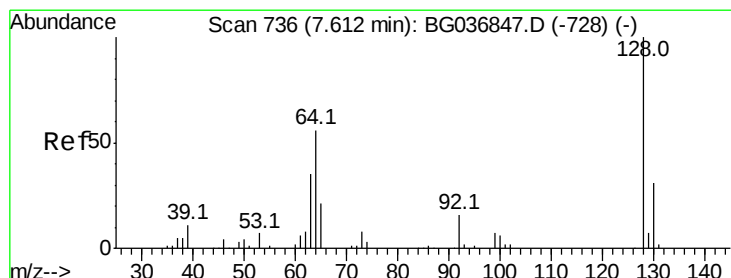
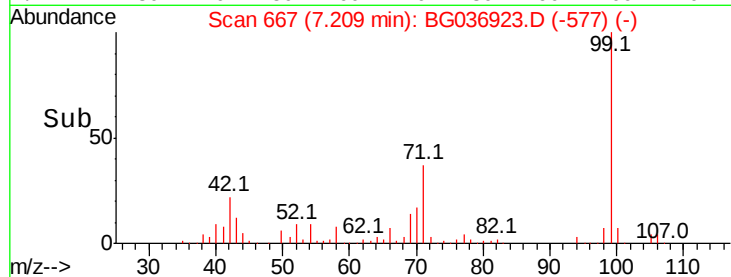
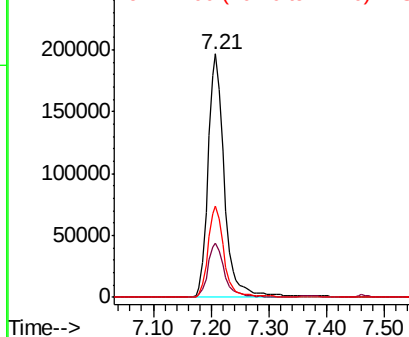
Tot Ion:	99	Resp:	394014
Ion Ratio	Lower	Upper	
99	100		
42	22.3	16.5	24.7
71	37.3	29.4	44.2

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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: 52.198 ng

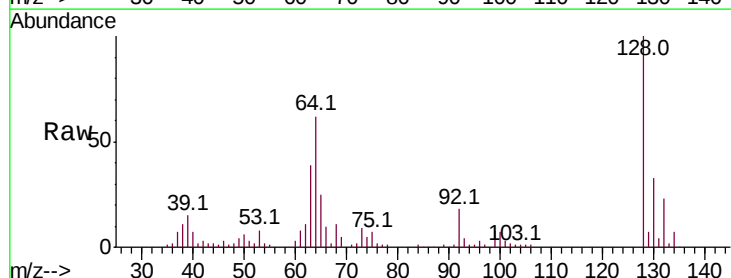
RT: 7.61 min Scan# 735

Delta R.T. -0.00 min

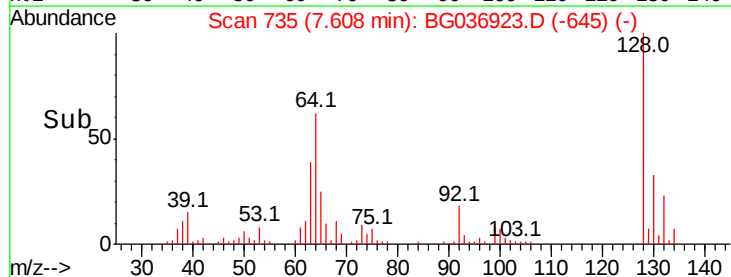
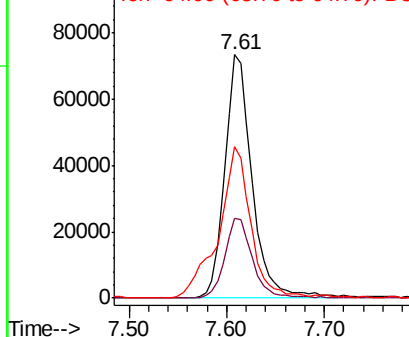
Lab File: BG036923.D

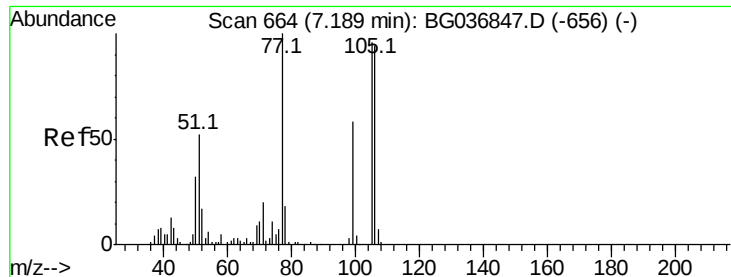
Acq: 24 Sep 2018 18:31

Tgt Ion:	128	Resp:	142043
Ion Ratio	Lower	Upper	
128	100		
130	32.7	10.0	50.0
64	62.3	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: 34.777 ng

RT: 7.19 min Scan# 663

Delta R.T. -0.00 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

Instrument :

BNA_G

ClientSampleId :

JC-02-092118-AMS

Tot Ion: 77 Resp: 83326

Ion Ratio Lower Upper

77 100

105 91.5 70.5 110.5

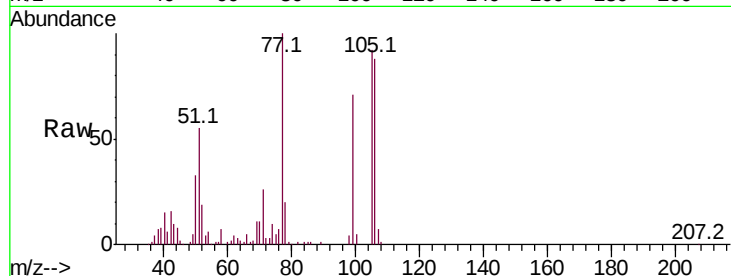
106 88.0 69.8 109.8

Manual Integrations

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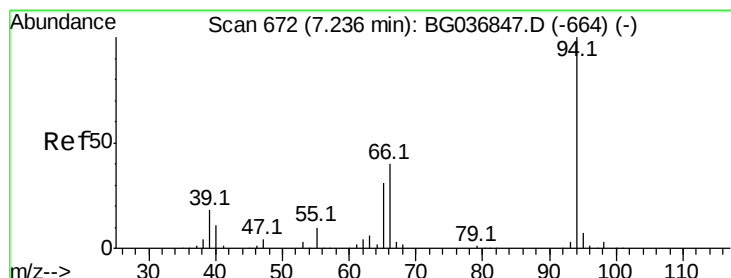
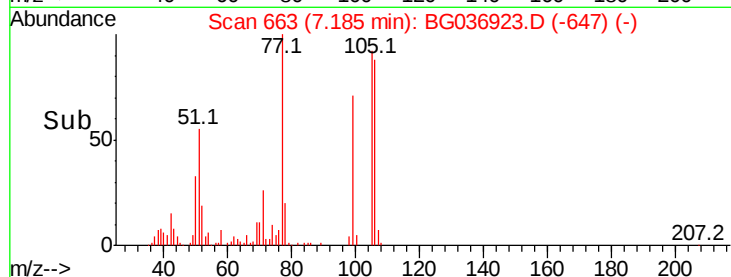
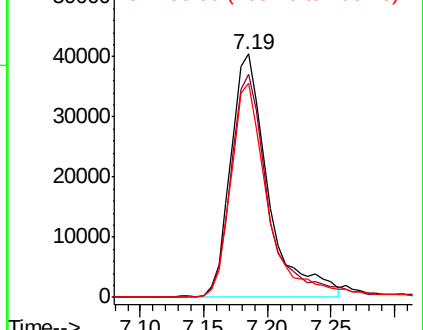
9/25/2018 10:57:26 AM



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: 46.758 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

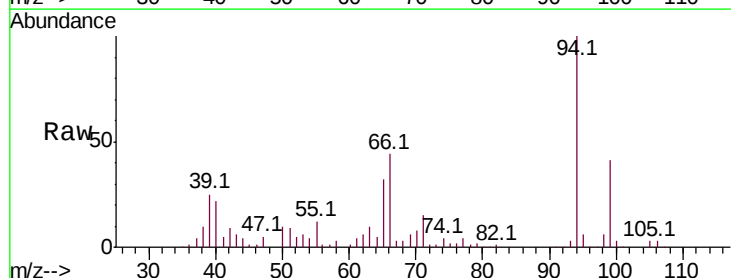
Tgt Ion: 94 Resp: 174978

Ion Ratio Lower Upper

94 100

65 31.8 11.5 51.5

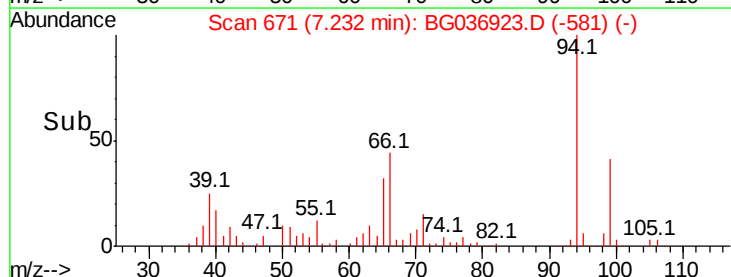
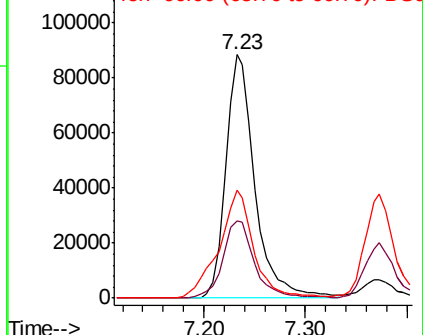
66 44.4 19.5 59.5



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: 41.833 ng

RT: 7.47 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

Instrument :

BNA_G

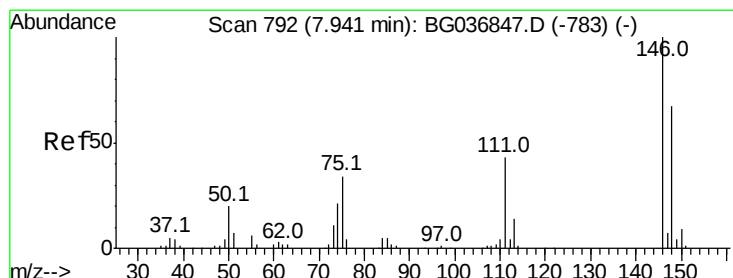
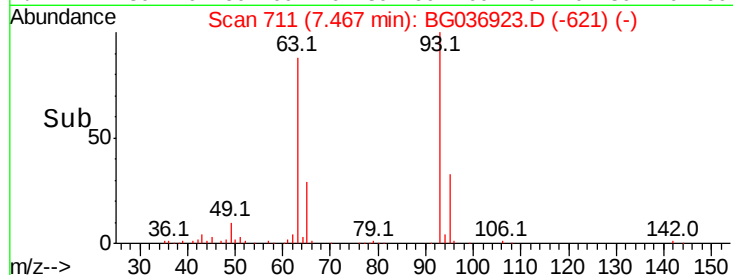
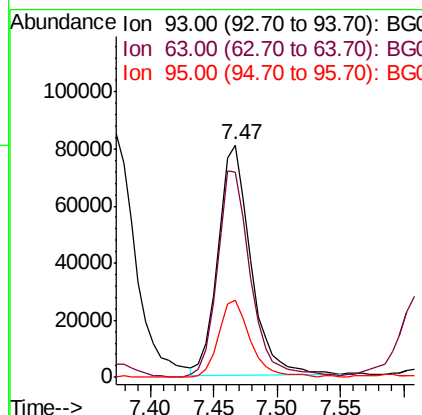
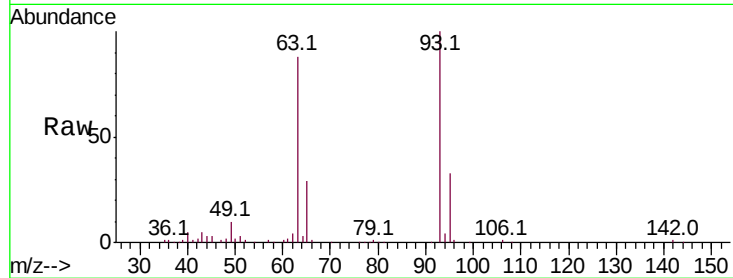
ClientSampleId :

JC-02-092118-AMS

Tot Ion:	93	Resp:	144808
Ion	Ratio	Lower	Upper
93	100		
63	88.4	69.9	109.9
95	33.5	11.7	51.7

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#12

1,3-Dichlorobenzene

Concen: 44.975 ng

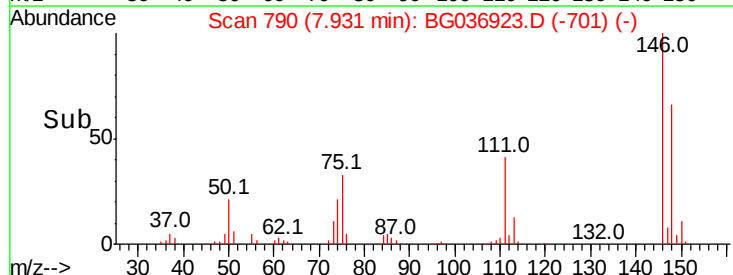
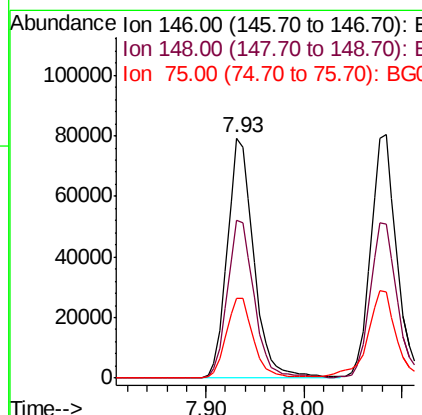
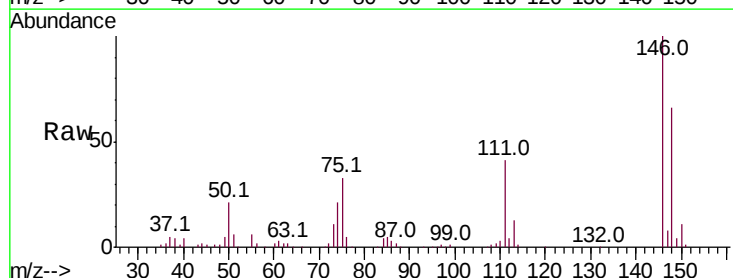
RT: 7.93 min Scan# 790

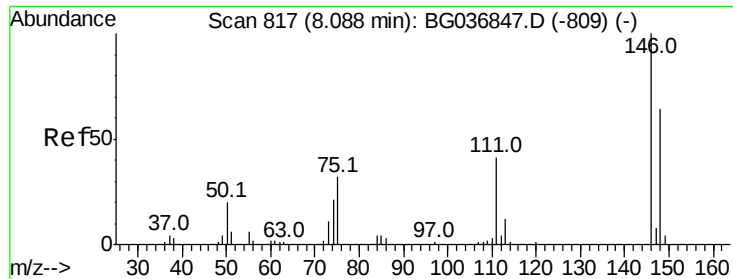
Delta R.T. -0.01 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

Tgt Ion:	146	Resp:	150048
Ion	Ratio	Lower	Upper
146	100		
148	65.5	53.8	80.6
75	33.4	27.2	40.8





#13

1,4-Dichlorobenzene

Concen: 43.768 ng

RT: 8.08 min Scan# 816

Delta R.T. -0.00 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

Instrument :

BNA_G

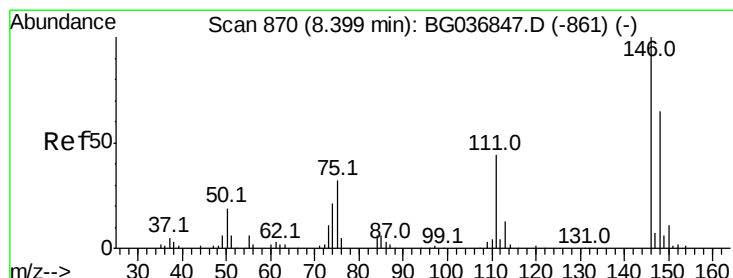
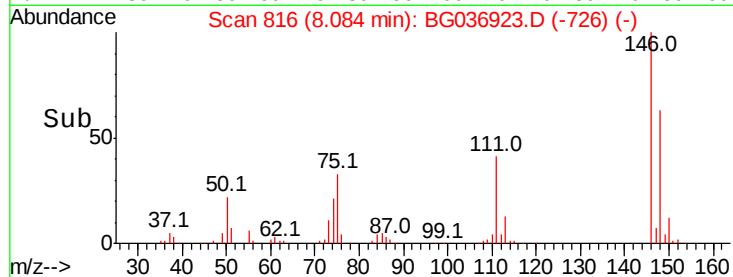
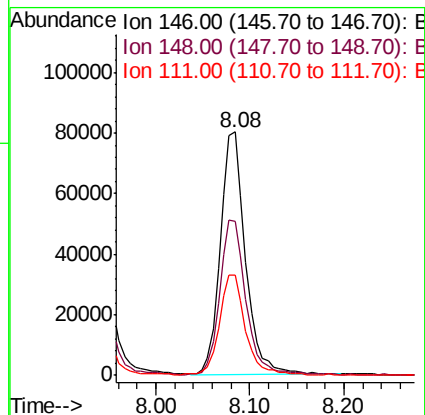
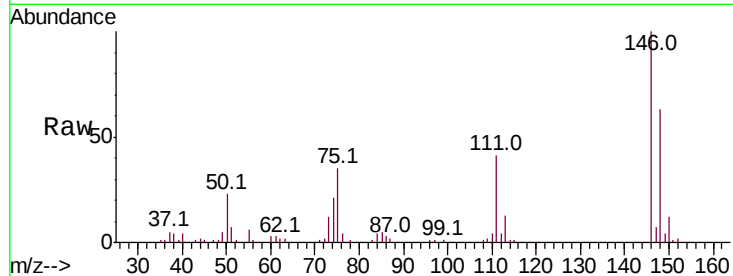
ClientSampleId :

JC-02-092118-AMS

Tot Ion:	146	Resp:	149429
Ion Ratio	Lower	Upper	
146	100		
148	63.2	53.9	80.9
111	41.4	33.8	50.6

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#14

1,2-Dichlorobenzene

Concen: 43.499 ng

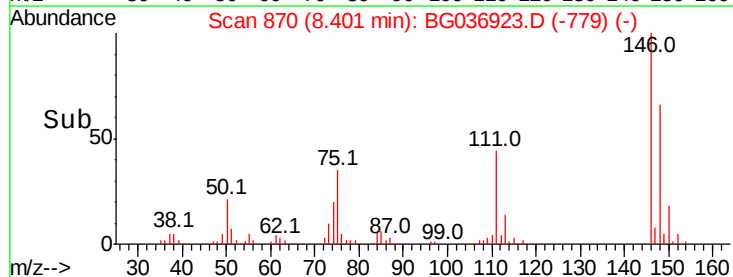
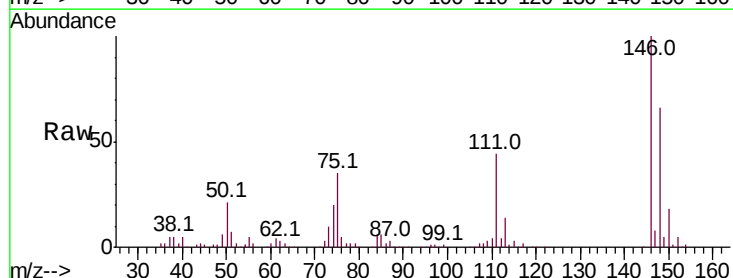
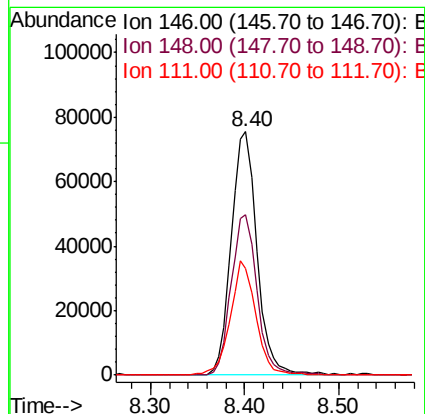
RT: 8.40 min Scan# 870

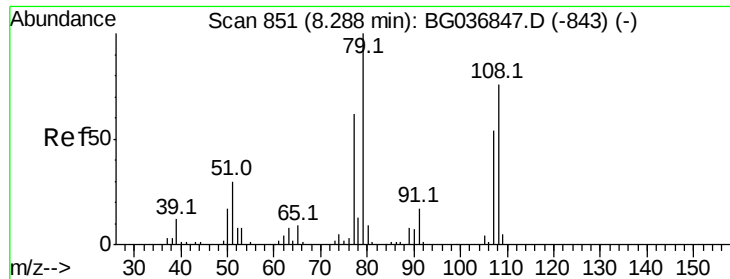
Delta R.T. 0.00 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

Tgt Ion:	146	Resp:	143919
Ion Ratio	Lower	Upper	
146	100		
148	66.1	55.0	82.6
111	44.0	34.6	51.8





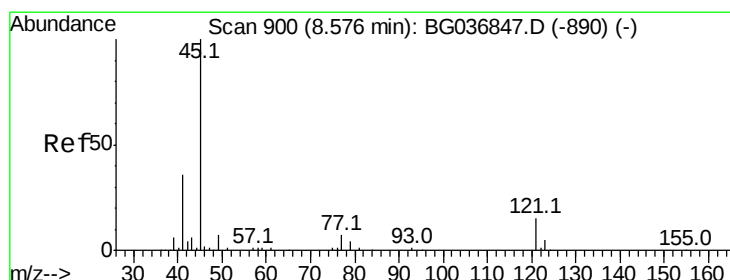
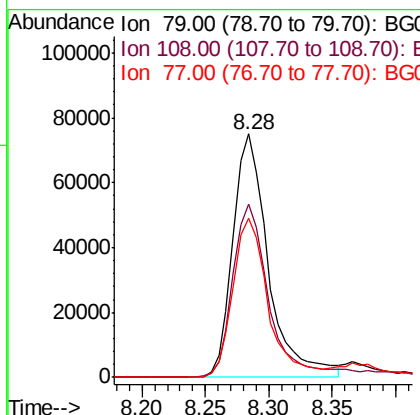
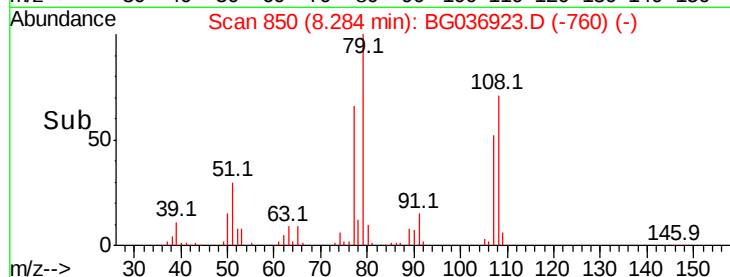
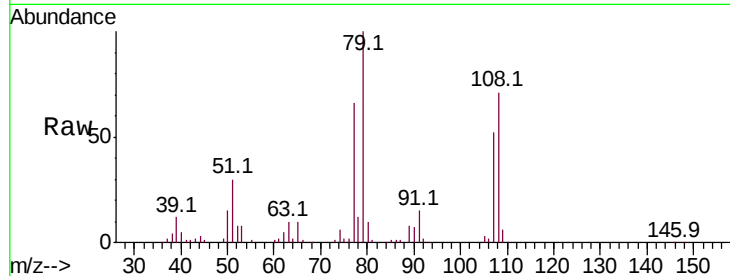
#15
Benzyl Alcohol
Concen: 49.570 ng
RT: 8.28 min Scan# 850
Delta R.T. -0.00 min
Lab File: BG036923.D
Acq: 24 Sep 2018 18:31

Instrument :
BNA_G
ClientSampleId :
JC-02-092118-AMS

Tot Ion	Ratio	Lower	Upper
79	100		
108	71.1	55.9	83.9
77	65.5	50.0	75.0

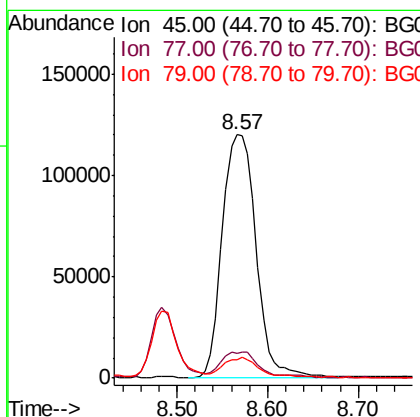
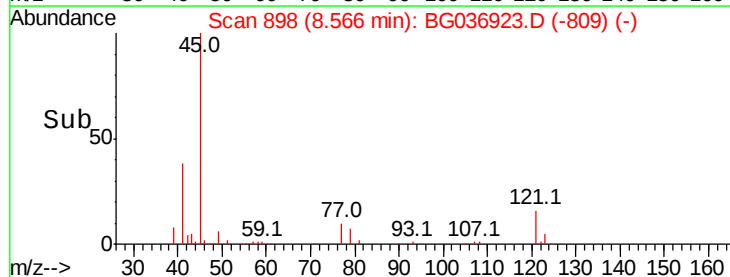
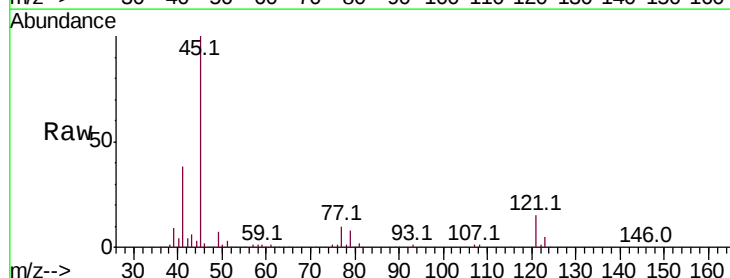
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#16
2,2'-oxybis(1-chloropropane)
Concen: 46.618 ng
RT: 8.57 min Scan# 898
Delta R.T. -0.01 min
Lab File: BG036923.D
Acq: 24 Sep 2018 18:31

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.3	0.0	30.5
79	7.7	0.0	27.9





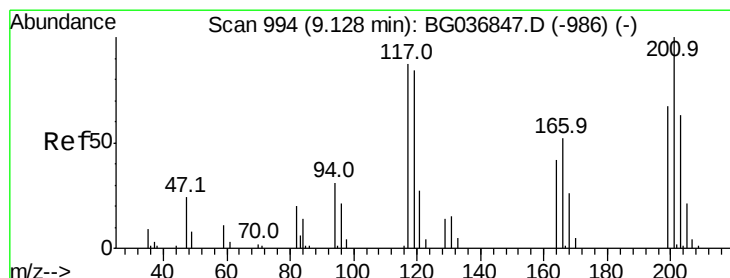
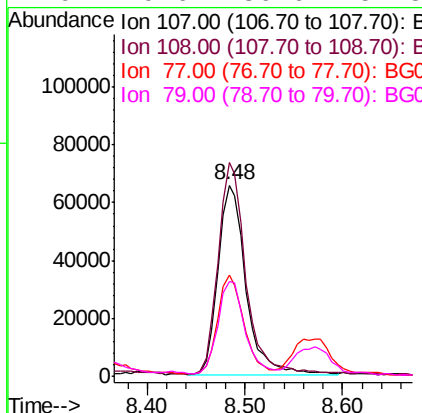
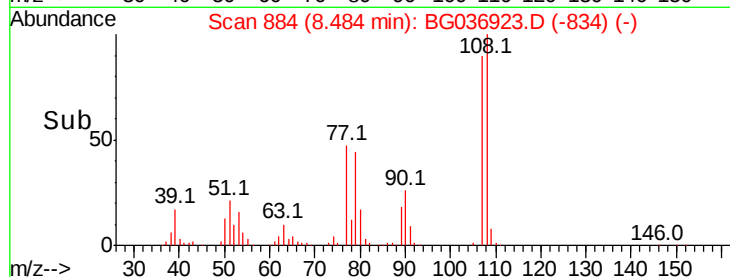
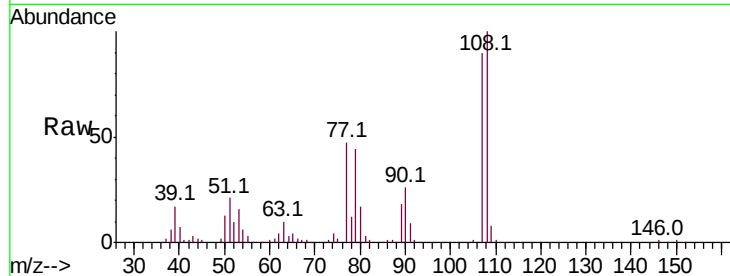
#17
2-Methylphenol
Concen: 50.468 ng
RT: 8.48 min Scan# 884
Delta R.T. -0.00 min
Lab File: BG036923.D
Acq: 24 Sep 2018 18:31

Instrument :
BNA_G
ClientSampleId :
JC-02-092118-AMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.6	86.7	130.1	
77	52.7	39.0	58.4	
79	49.6	36.6	54.8	

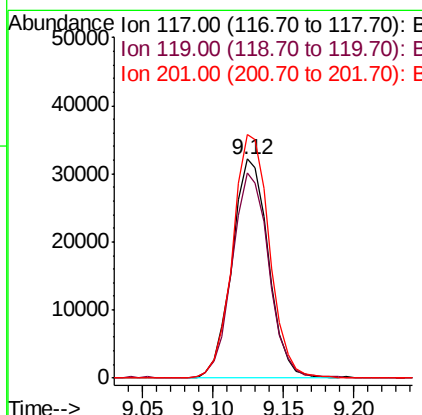
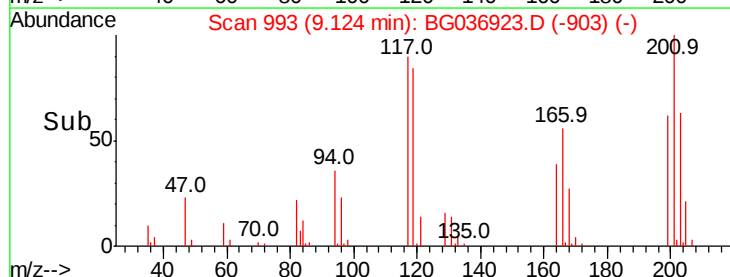
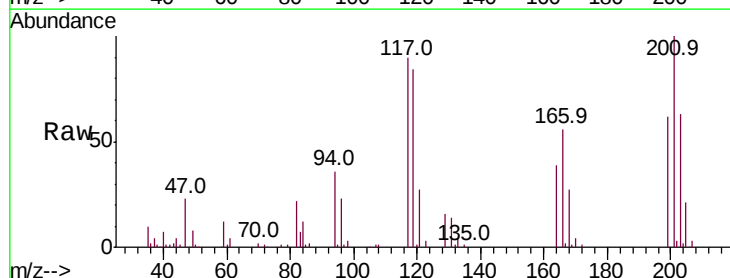
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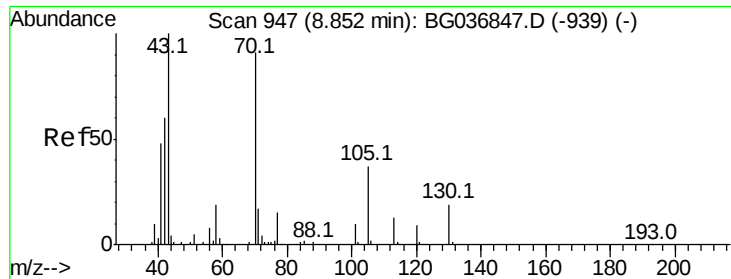
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#18
Hexachloroethane
Concen: 45.967 ng
RT: 9.12 min Scan# 993
Delta R.T. -0.00 min
Lab File: BG036923.D
Acq: 24 Sep 2018 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.9	76.8	115.2	
201	111.3	85.7	128.5	





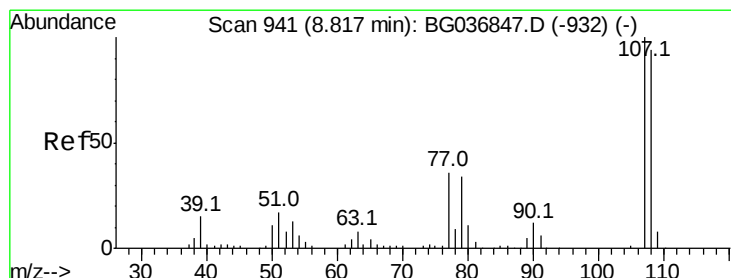
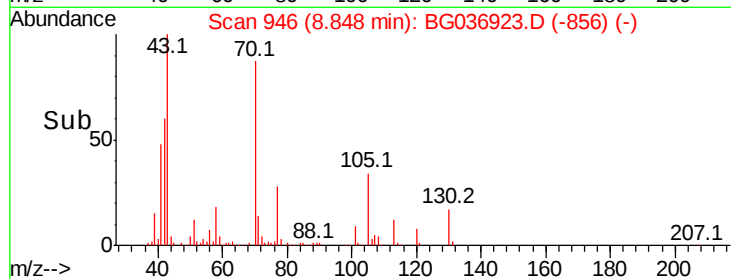
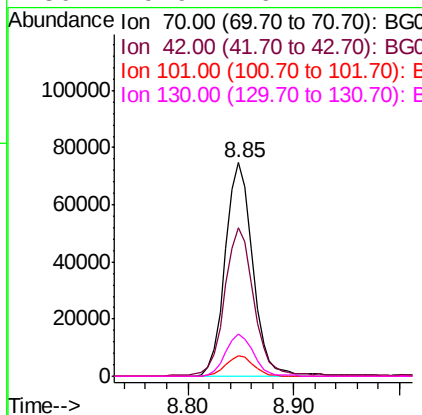
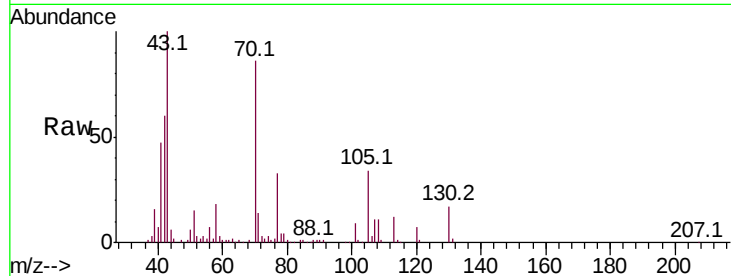
#19
n-Nitroso-di-n-propylamine
Concen: 44.889 ng
RT: 8.85 min Scan# 946
Delta R.T. -0.00 min
Lab File: BG036923.D
Acq: 24 Sep 2018 18:31

Instrument :
BNA_G
ClientSampleId :
JC-02-092118-AMS

Tot Ion	Ratio	Lower	Upper
70	100		
42	69.2	56.2	84.4
101	9.9	7.8	11.6
130	19.9	16.2	24.2

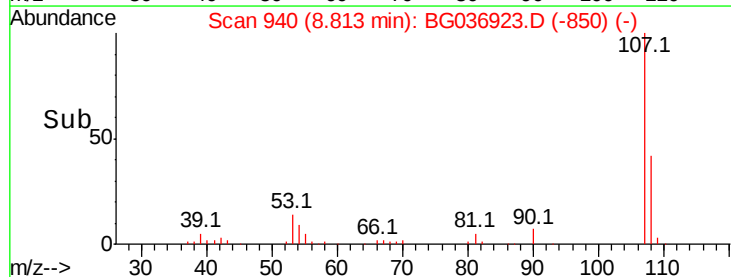
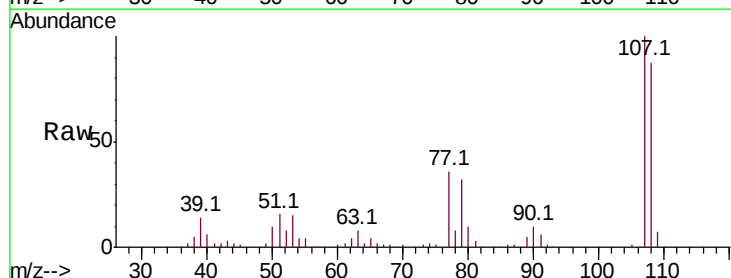
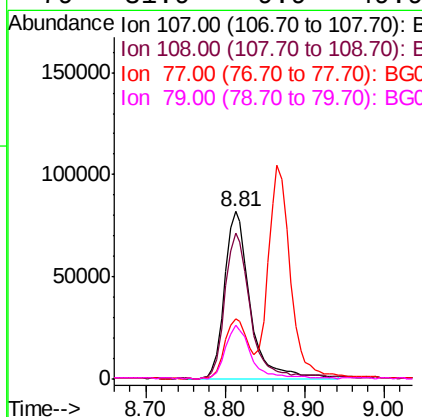
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#20
3+4-Methylphenols
Concen: 50.030 ng
RT: 8.81 min Scan# 940
Delta R.T. -0.00 min
Lab File: BG036923.D
Acq: 24 Sep 2018 18:31

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.2	68.0	108.0
77	36.2	15.6	55.6
79	31.9	9.9	49.9





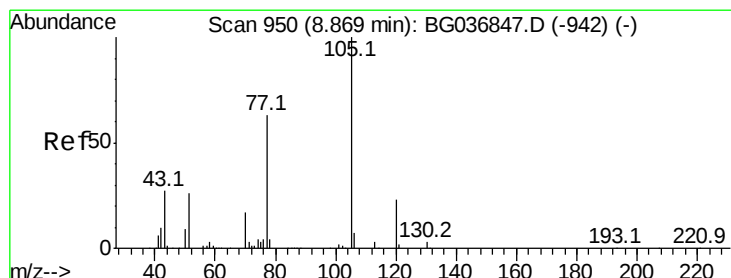
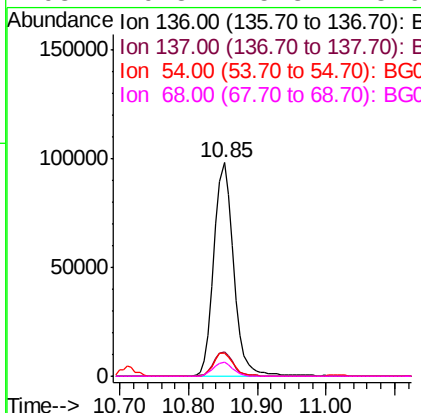
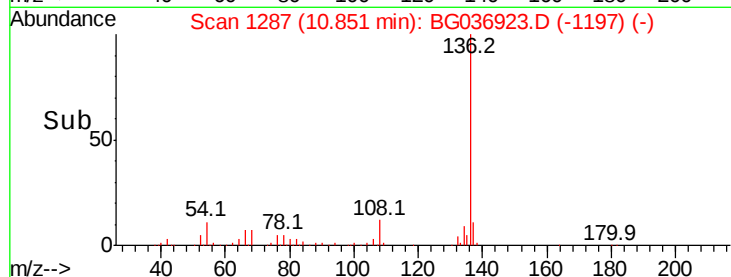
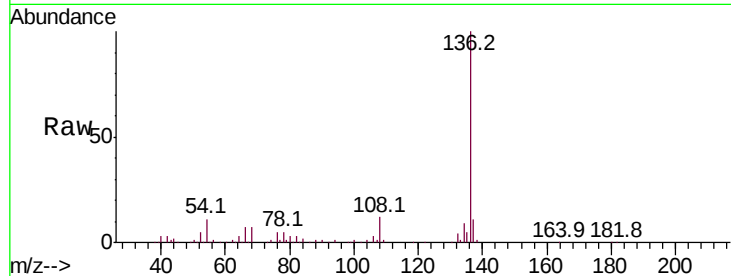
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BG036923.D
Acq: 24 Sep 2018 18:31

Instrument :
BNA_G
ClientSampleId :
JC-02-092118-AMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	196667		
137	11.4	8.8	13.2	
54	10.8	9.2	13.8	
68	6.8	5.8	8.6	

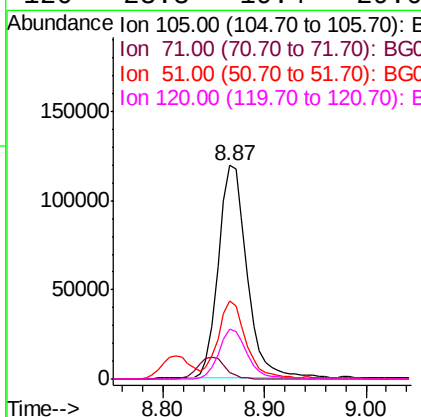
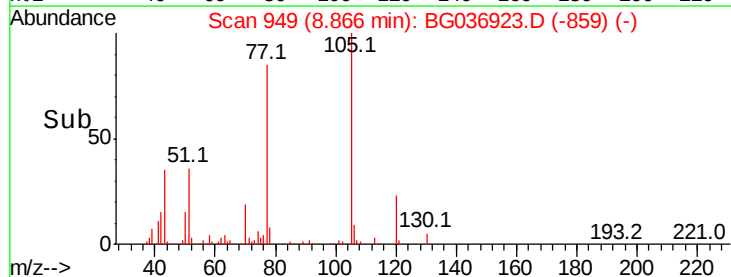
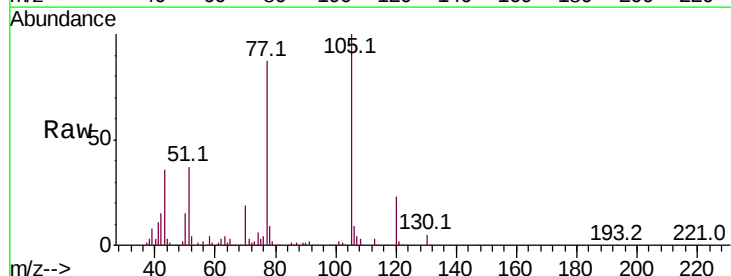
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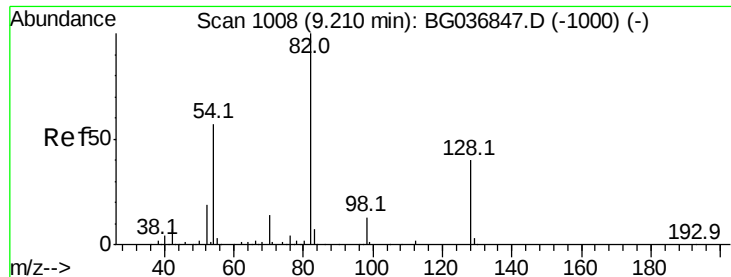
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#22
Acetophenone
Concen: 50.491 ng
RT: 8.87 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG036923.D
Acq: 24 Sep 2018 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	233352		
71	3.2	2.4	3.6	
51	36.7	25.9	38.9	
120	23.3	19.4	29.0	





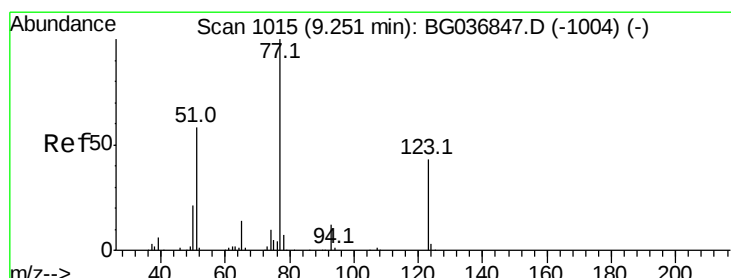
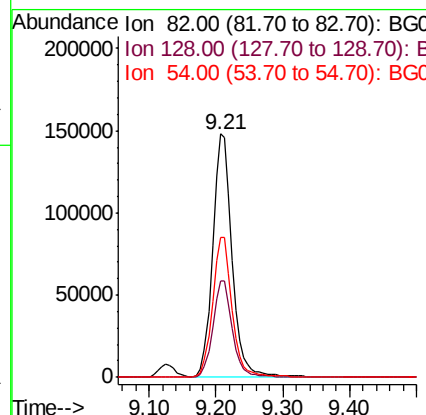
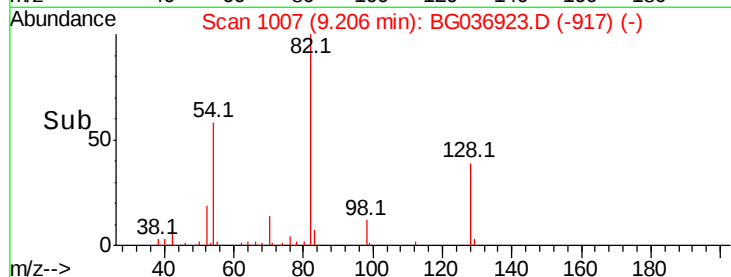
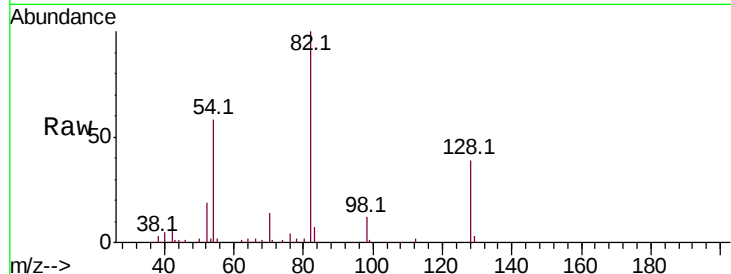
#23
 Nitrobenzene-d5
 Concen: 81.574 ng
 RT: 9.21 min Scan# 1007
 Delta R.T. -0.00 min
 Lab File: BG036923.D
 Acq: 24 Sep 2018 18:31

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-092118-AMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	299580		
128	39.5	33.3	49.9	
54	57.7	45.1	67.7	

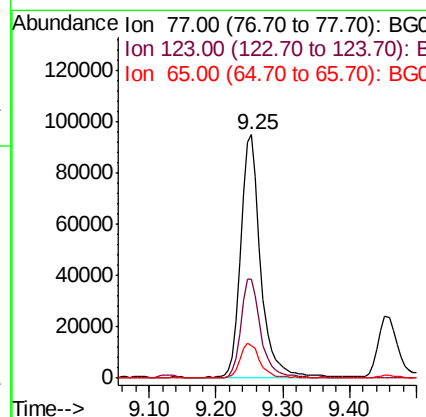
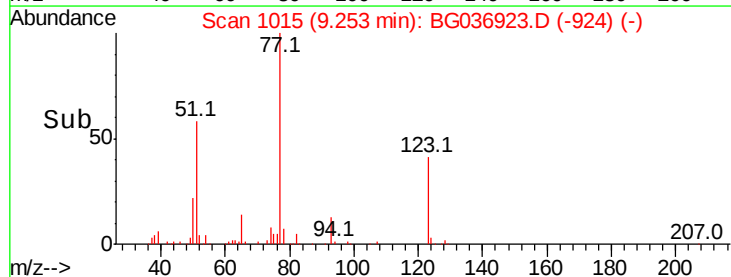
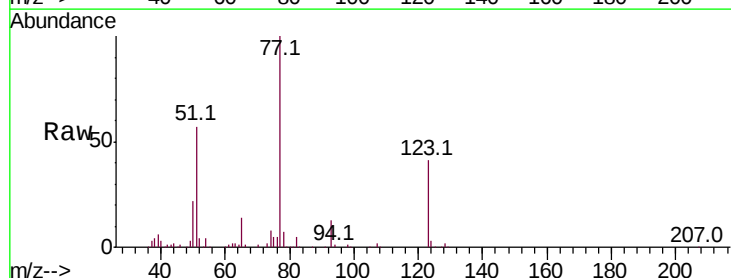
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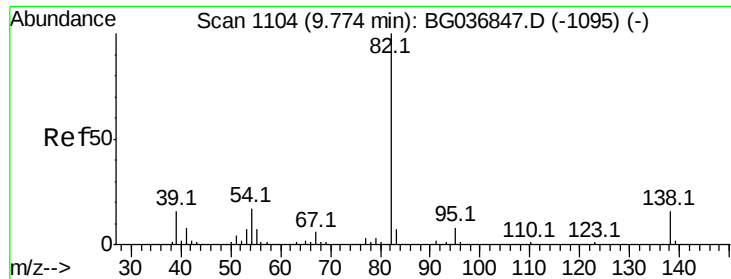
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#24
 Nitrobenzene
 Concen: 50.519 ng
 RT: 9.25 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: BG036923.D
 Acq: 24 Sep 2018 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	198129		
123	40.8	32.4	48.6	
65	13.5	11.5	17.3	





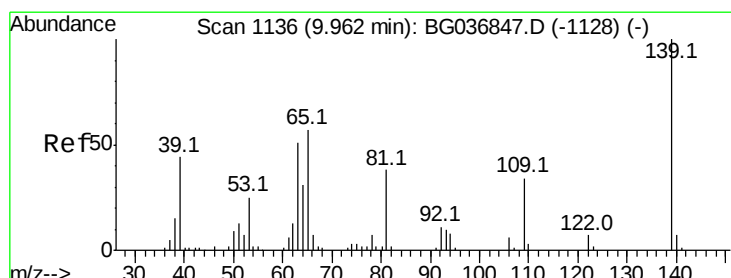
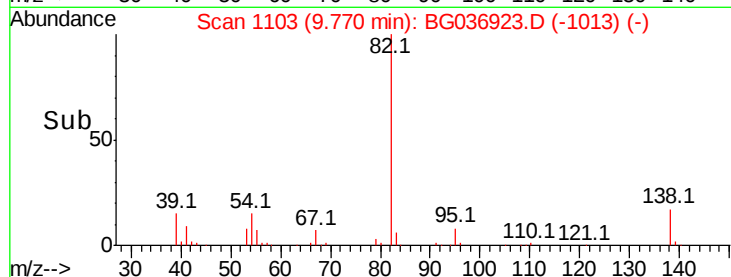
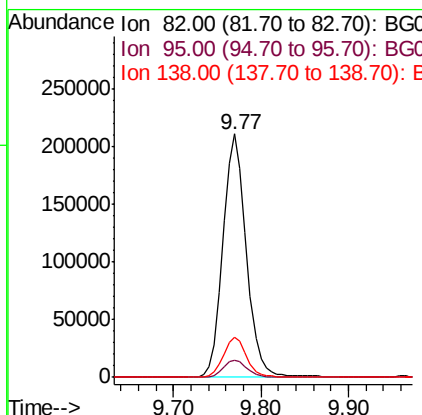
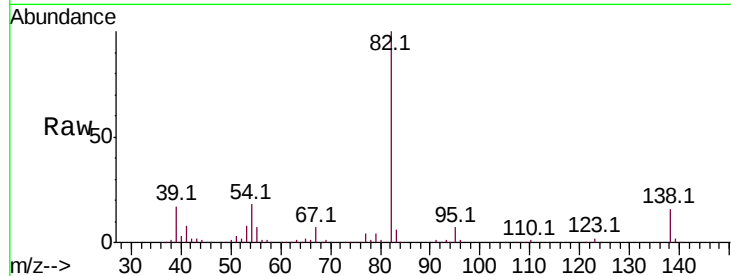
#25
Isophorone
Concen: 57.929 ng
RT: 9.77 min Scan# 1103
Delta R.T. -0.00 min
Lab File: BG036923.D
Acq: 24 Sep 2018 18:31

Instrument :
BNA_G
ClientSampleId :
JC-02-092118-AMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	388731		
95	7.1	5.8	8.8	
138	16.4	12.9	19.3	

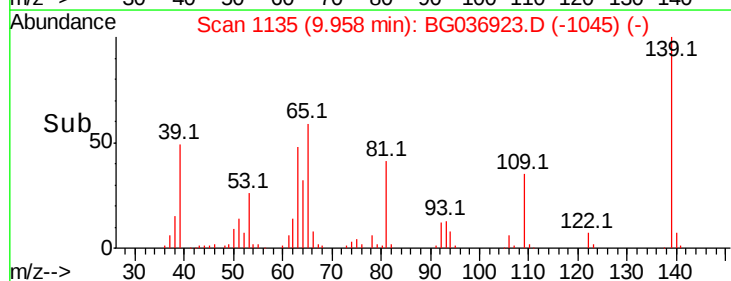
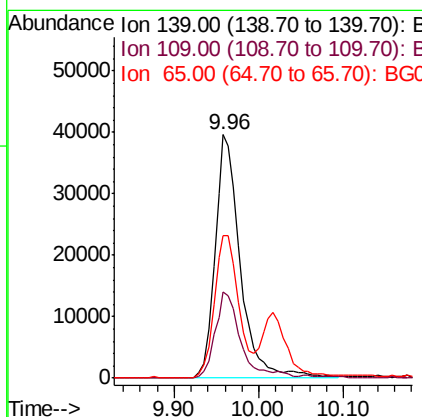
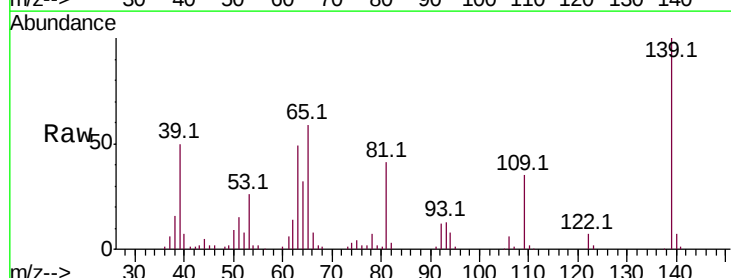
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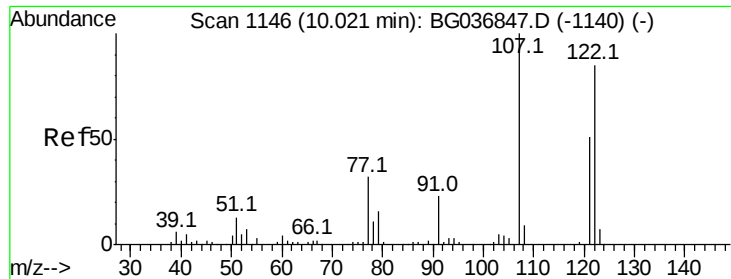
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#26
2-Nitrophenol
Concen: 52.810 ng
RT: 9.96 min Scan# 1135
Delta R.T. -0.00 min
Lab File: BG036923.D
Acq: 24 Sep 2018 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	82555		
109	35.3	27.4	41.0	
65	58.7	47.8	71.6	





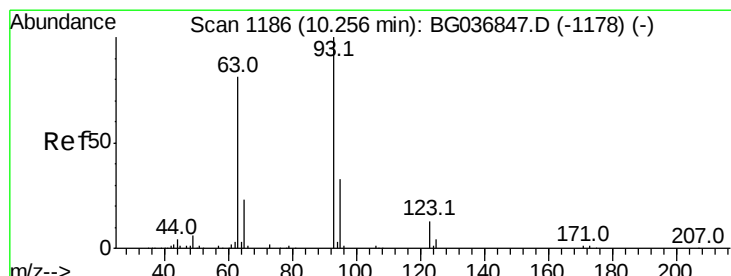
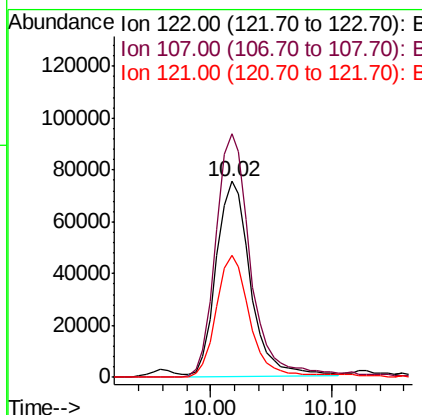
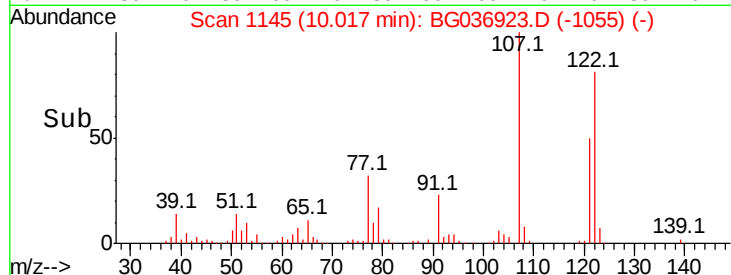
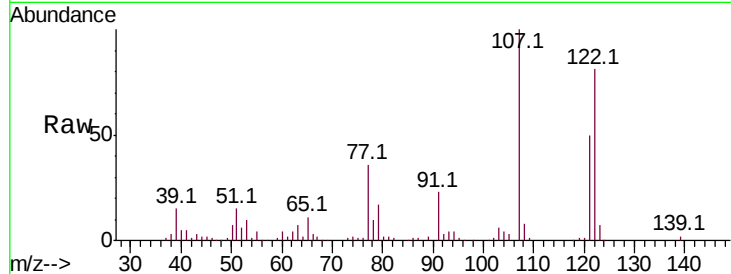
#27
 2,4-Dimethylphenol
 Concen: 60.853 ng
 RT: 10.02 min Scan# 1145
 Delta R.T. -0.00 min
 Lab File: BG036923.D
 Acq: 24 Sep 2018 18:31

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-092118-AMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	124.2	96.0	144.0
121	62.0	48.2	72.4

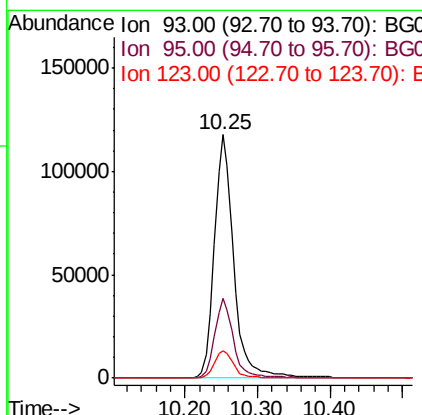
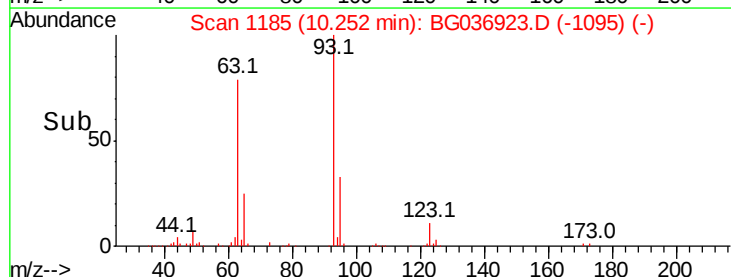
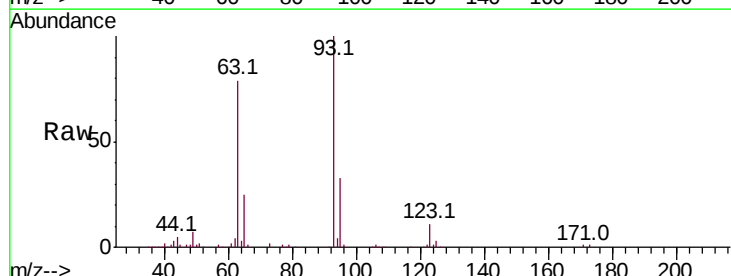
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#28
 bis(2-Chloroethoxy)methane
 Concen: 52.946 ng
 RT: 10.25 min Scan# 1185
 Delta R.T. -0.00 min
 Lab File: BG036923.D
 Acq: 24 Sep 2018 18:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.2	37.8
123	11.3	8.6	12.8





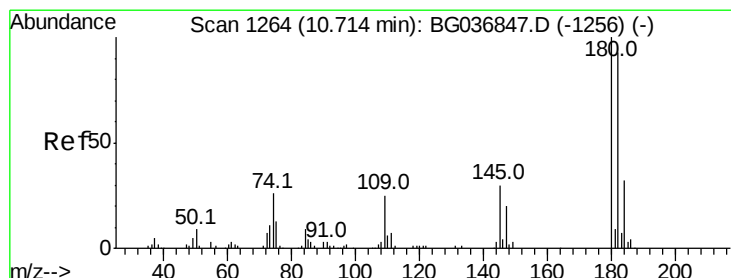
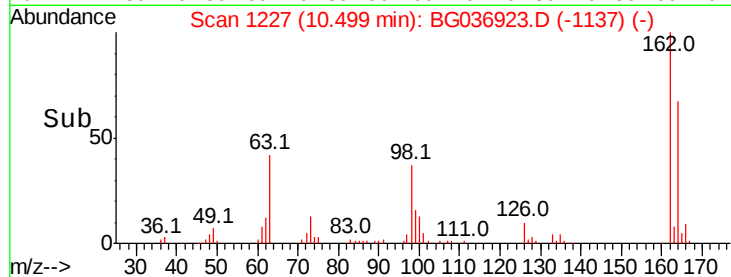
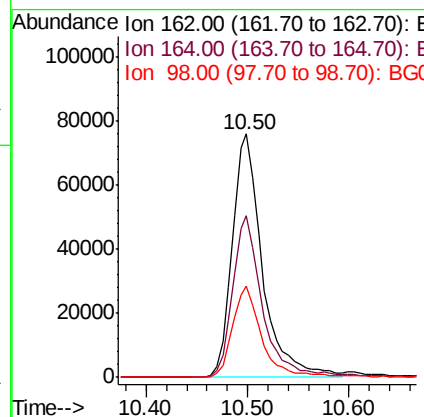
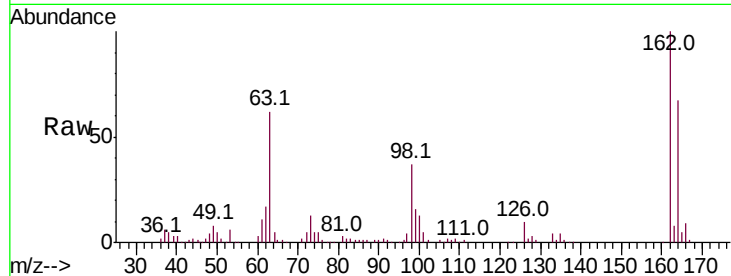
#29
2,4-Dichlorophenol
Concen: 55.341 ng
RT: 10.50 min Scan# 1227
Delta R.T. -0.00 min
Lab File: BG036923.D
Acq: 24 Sep 2018 18:31

Instrument :
BNA_G
ClientSampleId :
JC-02-092118-AMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	156217		
164	66.6	47.6	87.6	
98	37.4	19.2	59.2	

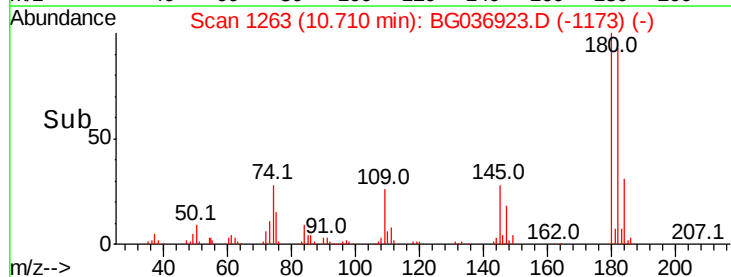
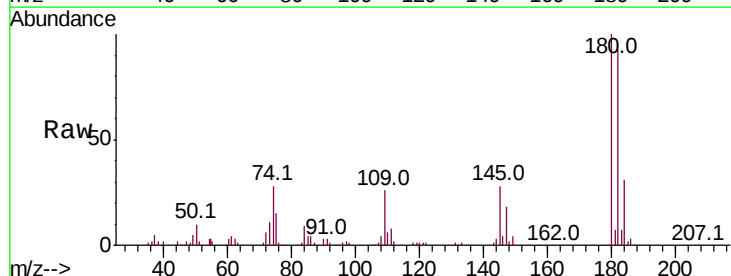
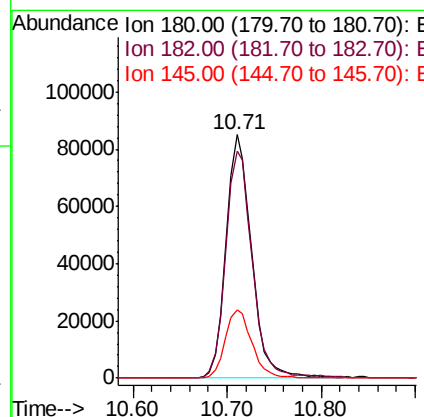
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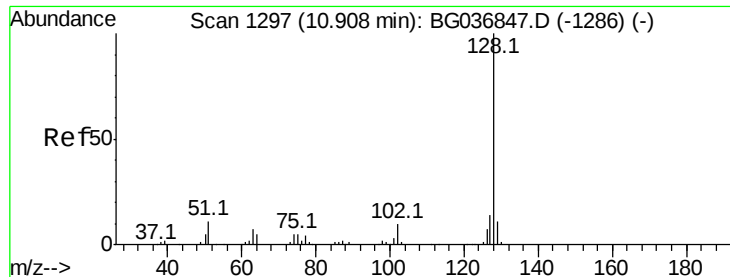
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#30
1,2,4-Trichlorobenzene
Concen: 45.736 ng
RT: 10.71 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BG036923.D
Acq: 24 Sep 2018 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	161568		
182	93.1	76.0	114.0	
145	28.2	22.9	34.3	





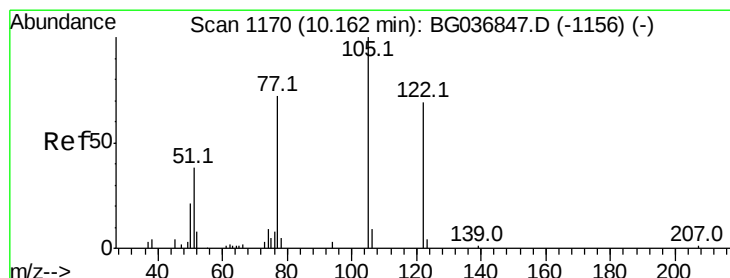
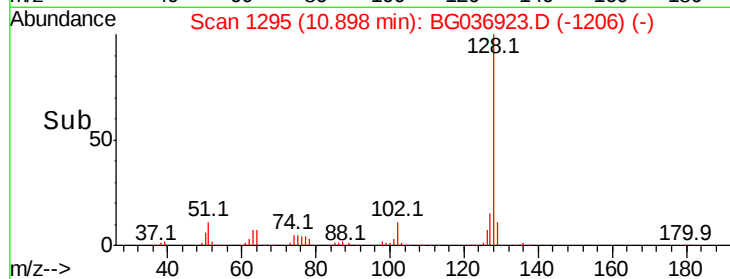
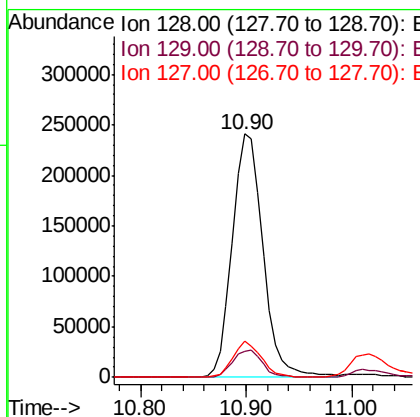
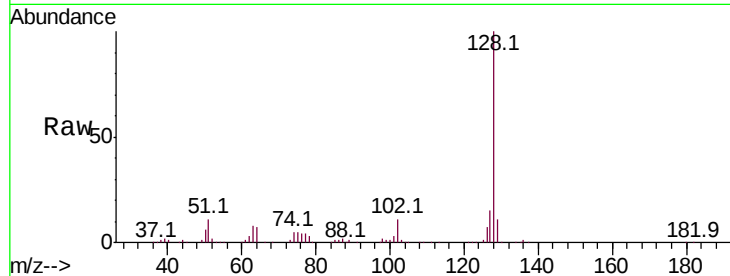
#31
Naphthalene
Concen: 51.792 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG036923.D
Acq: 24 Sep 2018 18:31

Instrument :
BNA_G
ClientSampleId :
JC-02-092118-AMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.4	14.2
127	14.6	11.0	16.4

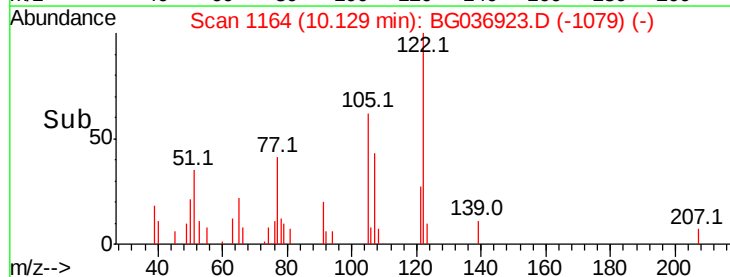
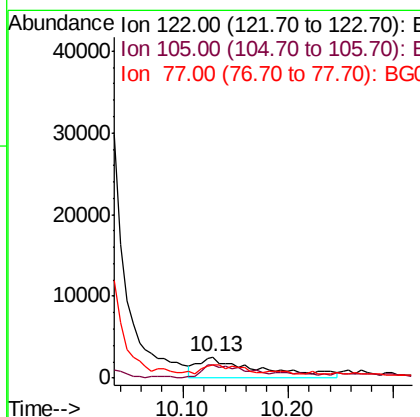
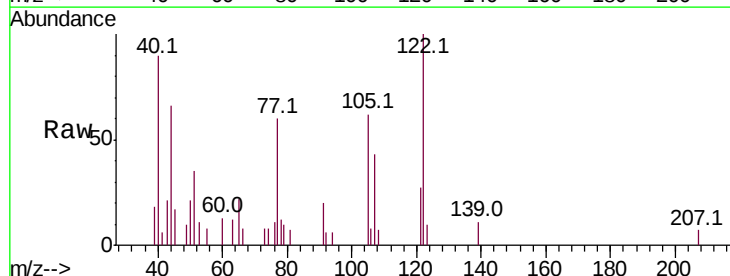
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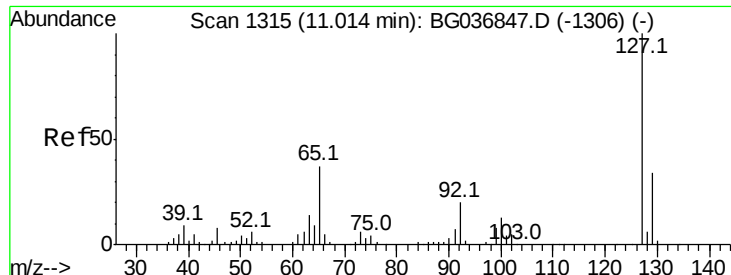
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#32
Benzoic acid
Concen: 10.813 ng m
RT: 10.13 min Scan# 1164
Delta R.T. -0.03 min
Lab File: BG036923.D
Acq: 24 Sep 2018 18:31

Tgt Ion	Ratio	Lower	Upper
122	100		
105	62.4	108.1	148.1#
77	59.6	76.3	116.3#





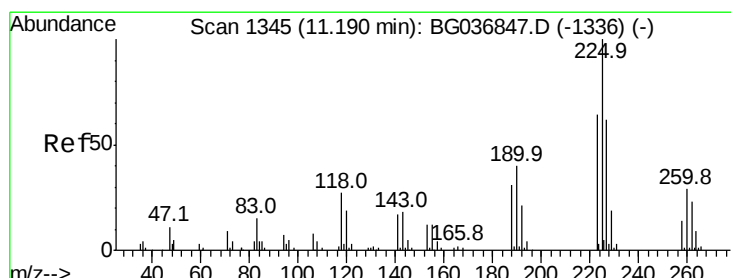
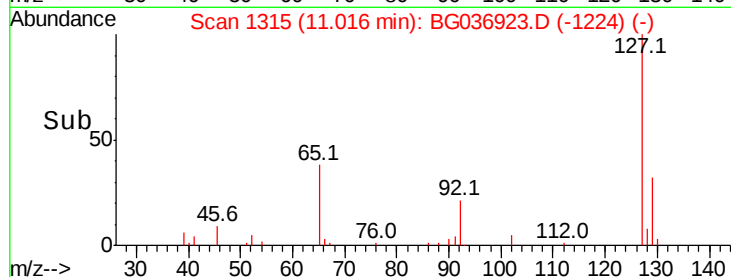
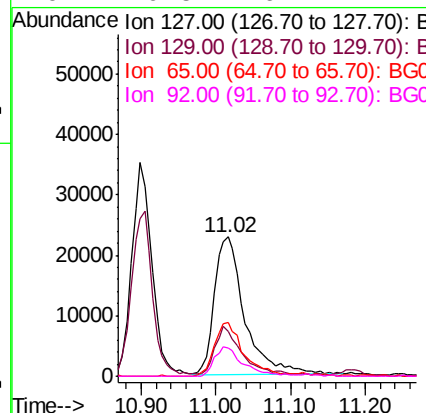
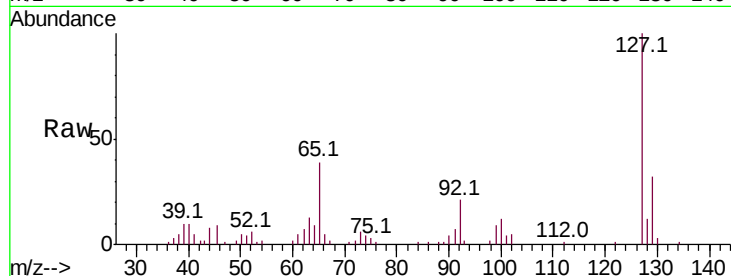
#33
4-Chloroaniline
Concen: 15.156 ng
RT: 11.02 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG036923.D
Acq: 24 Sep 2018 18:31

Instrument :
BNA_G
ClientSampleId :
JC-02-092118-AMS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.9	38.9
65	39.0	27.5	41.3
92	20.5	16.2	24.2

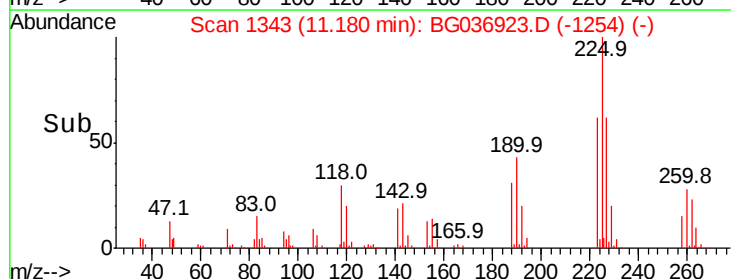
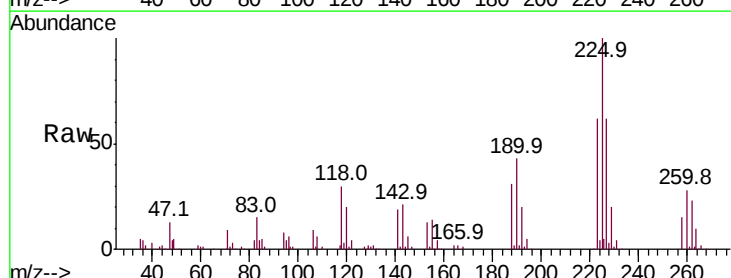
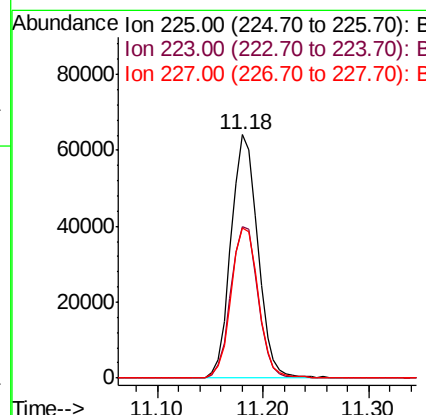
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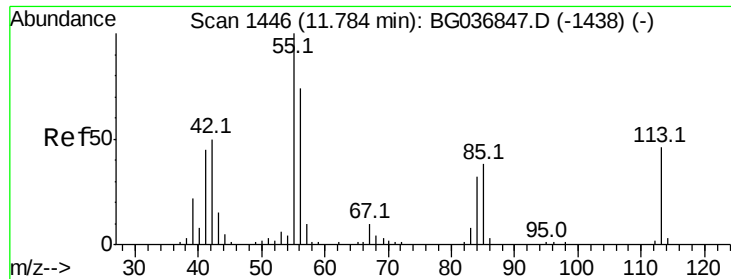
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#34
Hexachlorobutadiene
Concen: 46.086 ng
RT: 11.18 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG036923.D
Acq: 24 Sep 2018 18:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	51.8	77.8
227	61.8	49.8	74.6





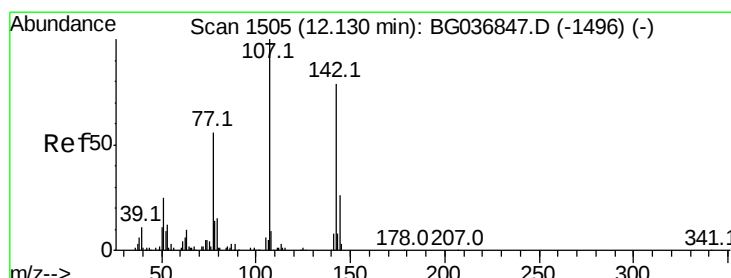
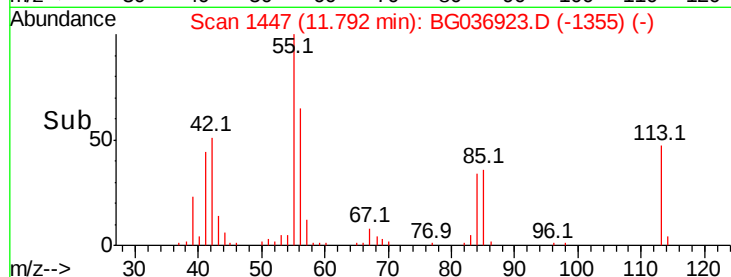
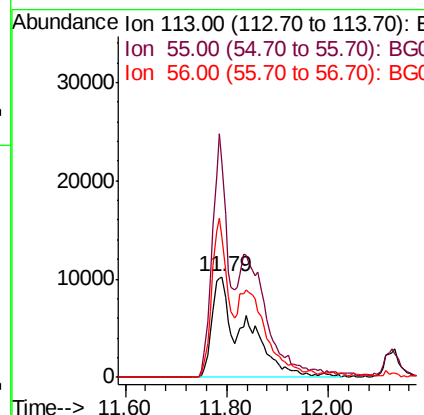
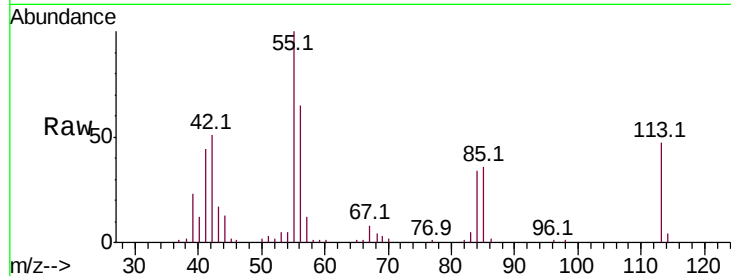
#35
 Caprolactam
 Concen: 39.981 ng/ml
 RT: 11.79 min Scan# 1447
 Delta R.T. 0.01 min
 Lab File: BG036923.D
 Acq: 24 Sep 2018 18:31

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-092118-AMS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	212.6	197.7	237.7	
56	138.2	131.7	171.7	

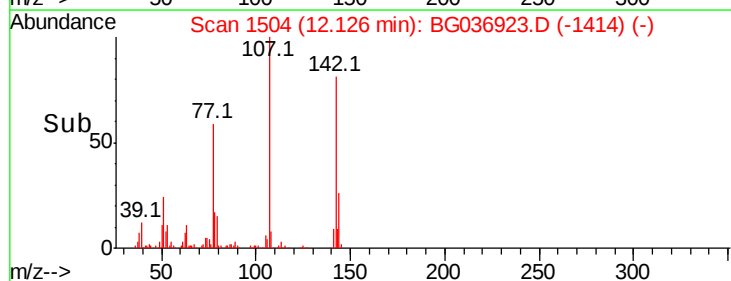
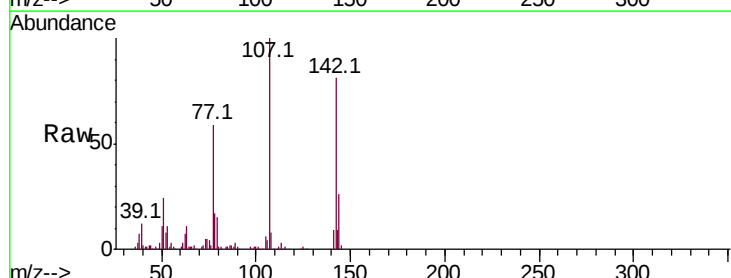
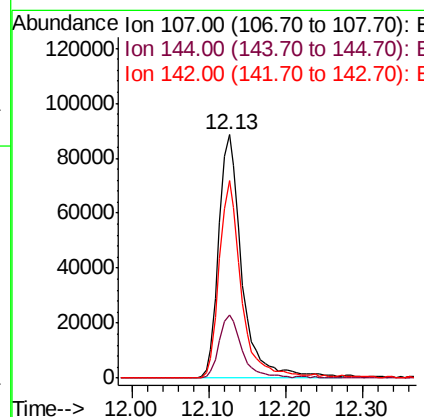
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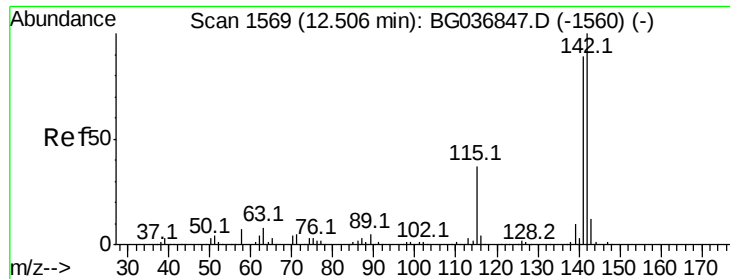
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#36
 4-Chloro-3-methylphenol
 Concen: 54.910 ng
 RT: 12.13 min Scan# 1504
 Delta R.T. -0.00 min
 Lab File: BG036923.D
 Acq: 24 Sep 2018 18:31

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	25.8	19.5	29.3	
142	81.4	62.4	93.6	





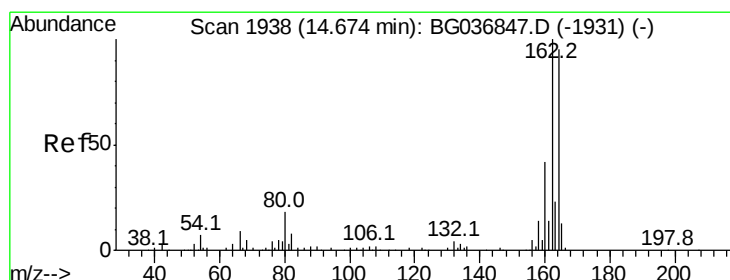
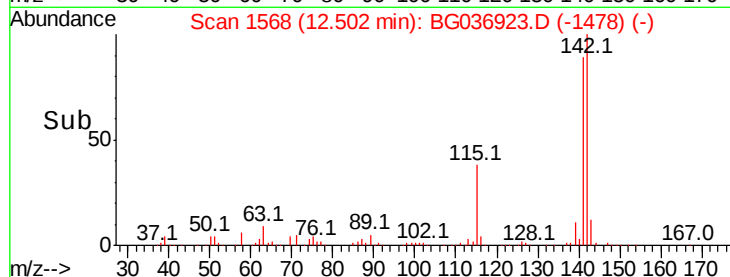
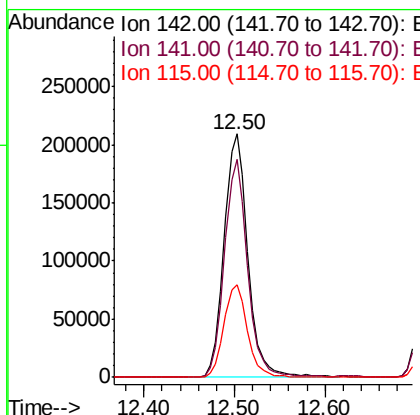
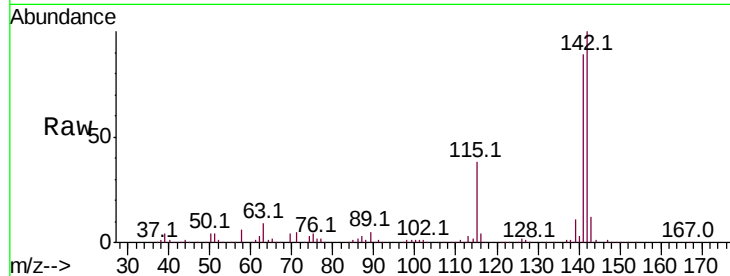
#37
2-Methylnaphthalene
Concen: 53.179 ng
RT: 12.50 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BG036923.D
Acq: 24 Sep 2018 18:31

Instrument :
BNA_G
ClientSampleId :
JC-02-092118-AMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	68.5	102.7
115	38.0	29.8	44.8

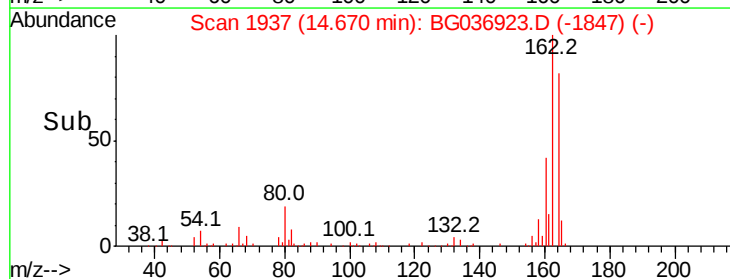
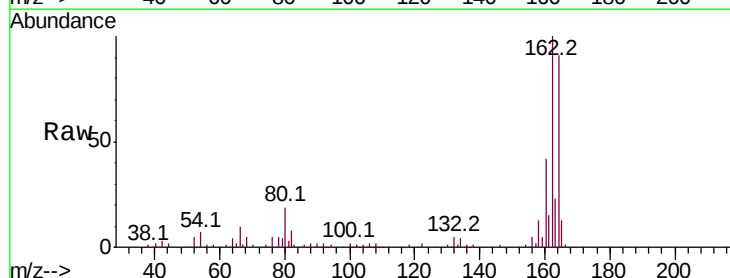
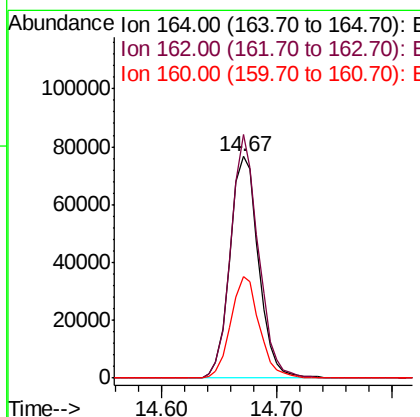
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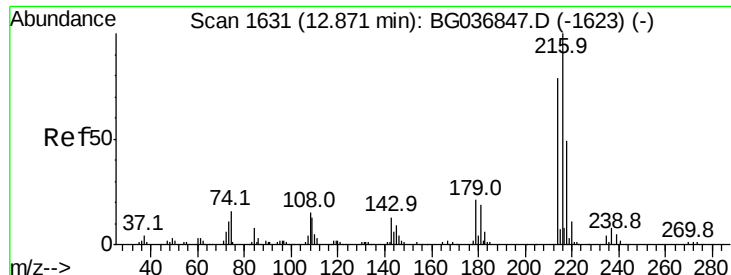
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.00 min
Lab File: BG036923.D
Acq: 24 Sep 2018 18:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	110.0	80.7	121.1
160	45.7	35.3	52.9





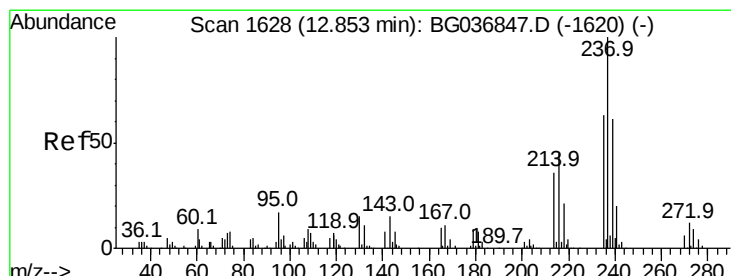
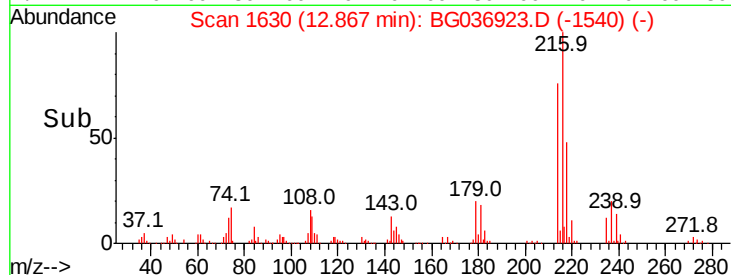
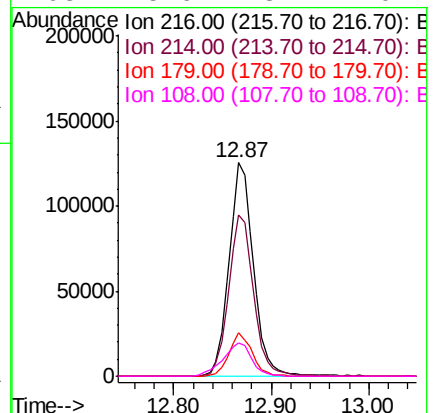
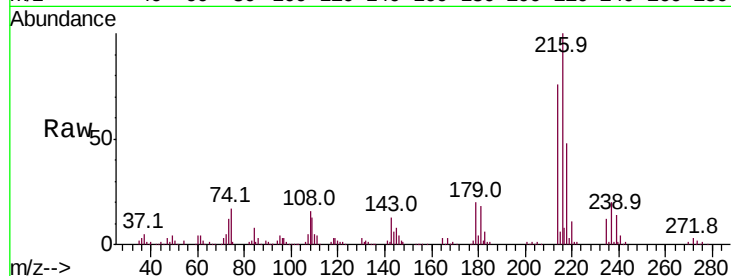
#39
1,2,4,5-Tetrachlorobenzene
Concen: 47.287 ng
RT: 12.87 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BG036923.D
Acq: 24 Sep 2018 18:31

Instrument :
BNA_G
ClientSampleId :
JC-02-092118-AMS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	217770		
214	76.9		61.0	91.6
179	19.2		15.7	23.5
108	18.6		13.1	19.7

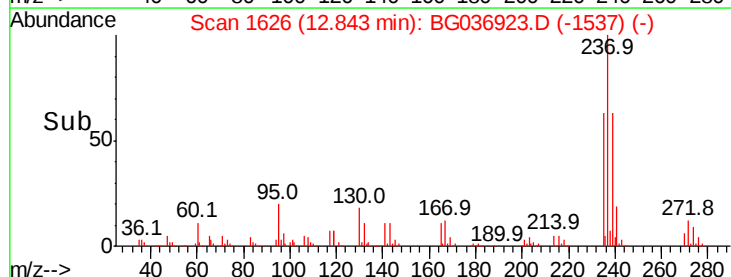
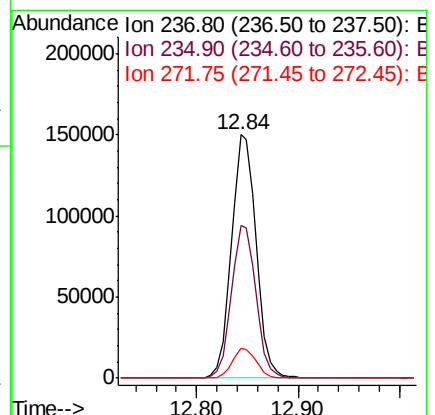
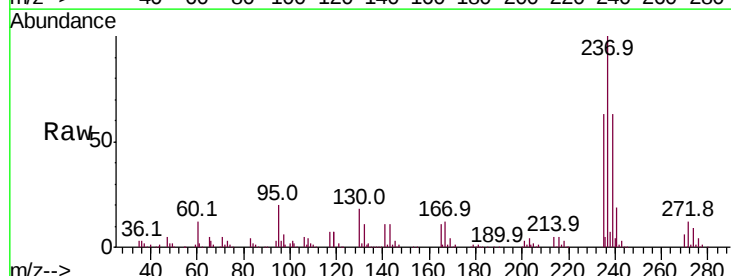
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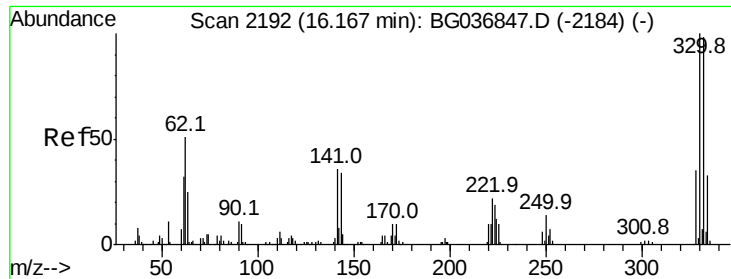
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#40
Hexachlorocyclopentadiene
Concen: 106.498 ng
RT: 12.84 min Scan# 1626
Delta R.T. -0.01 min
Lab File: BG036923.D
Acq: 24 Sep 2018 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	252245		
235	62.8		42.2	82.2
272	12.2		0.0	32.1





#41

2,4,6-Tribromophenol

Concen: 125.397 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.00 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

Instrument :

BNA_G

ClientSampleId :

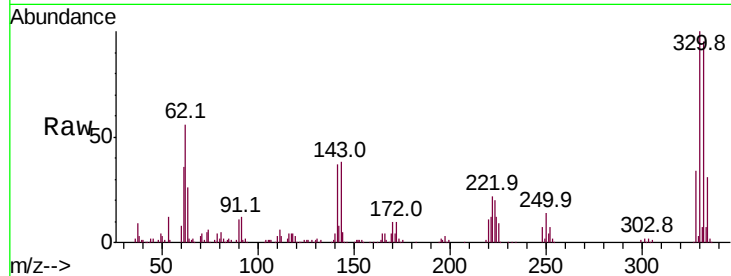
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Tot Ion:	330	Resp:	198099
Ion Ratio	Lower	Upper	
330	100		
332	94.9	75.4	113.2
141	39.2	30.7	46.1

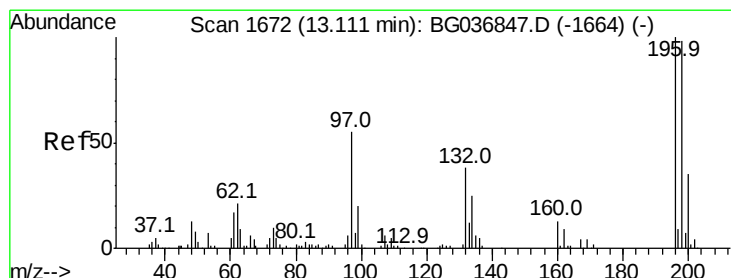
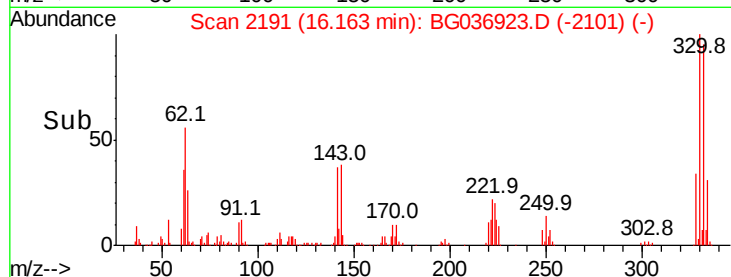
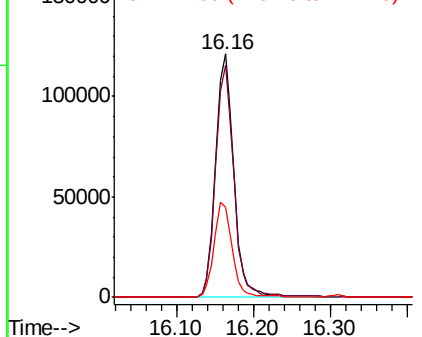
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 53.713 ng

RT: 13.11 min Scan# 1671

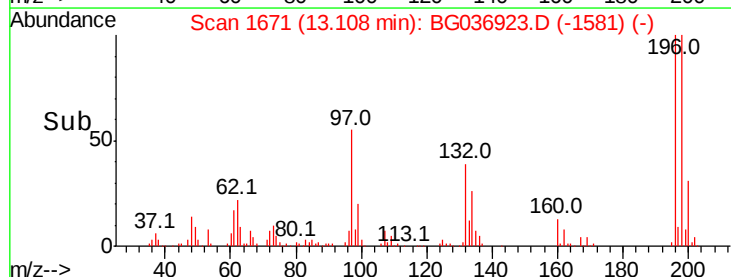
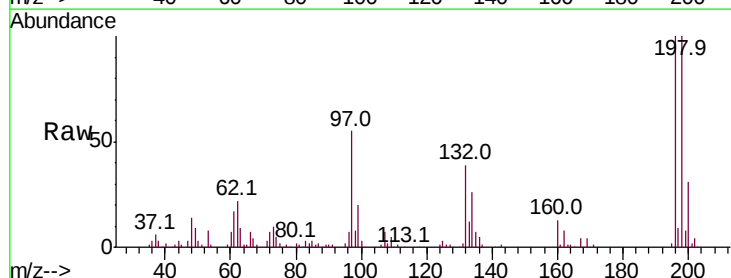
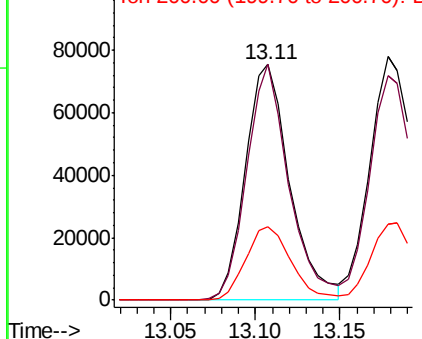
Delta R.T. -0.00 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

Tgt Ion:	196	Resp:	137363
Ion Ratio	Lower	Upper	
196	100		
198	100.4	77.2	115.8
200	31.0	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





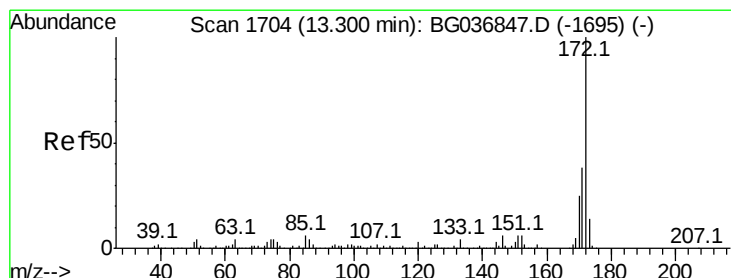
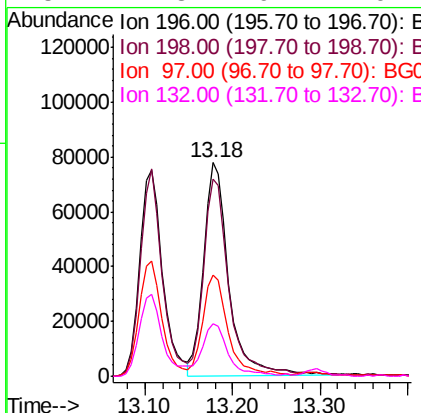
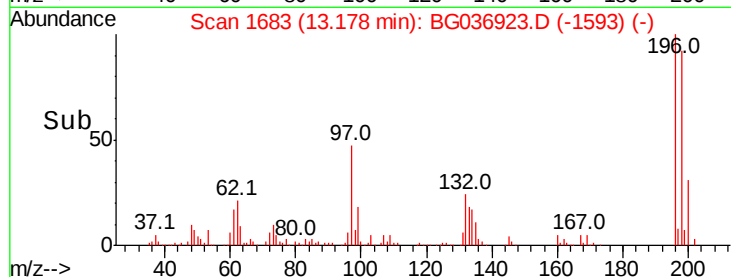
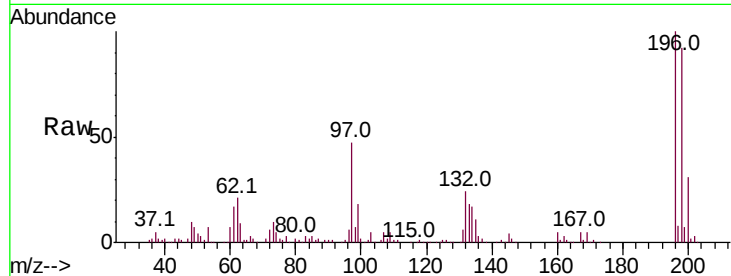
#43
 2,4,5-Trichlorophenol
 Concen: 56.610 ng
 RT: 13.18 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: BG036923.D
 Acq: 24 Sep 2018 18:31

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-092118-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		154371		
198	92.1	75.6	113.4		
97	47.4	37.2	55.8		
132	24.3	19.4	29.2		

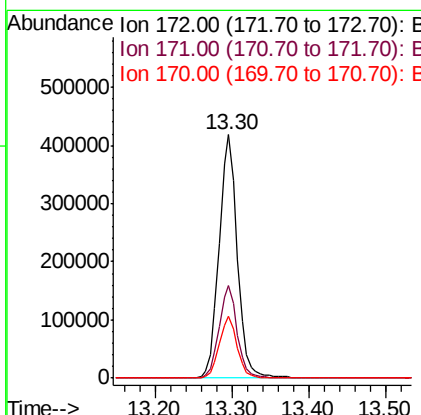
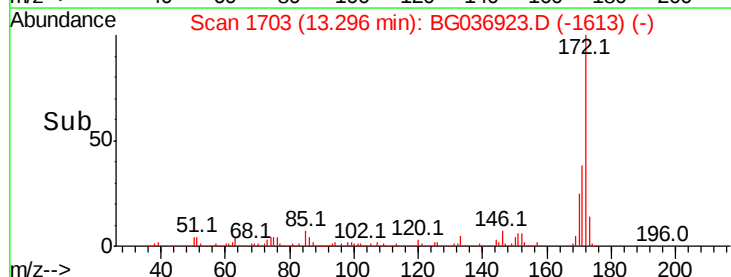
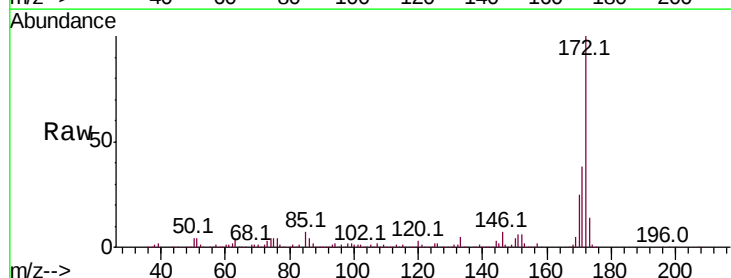
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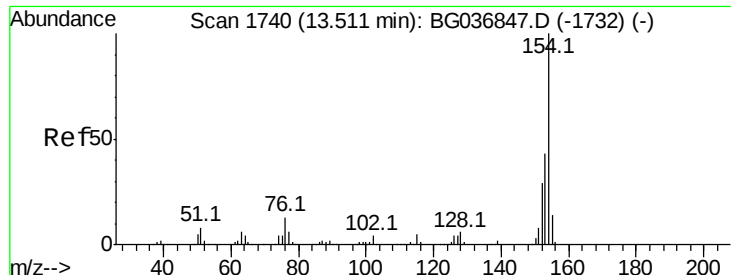
Sohil
 9/25/2018 10:57:26 AM



#44
 2-Fluorobiphenyl
 Concen: 77.463 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG036923.D
 Acq: 24 Sep 2018 18:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		686742		
171	37.8	31.3	46.9		
170	25.3	21.0	31.6		





#45

1,1'-Biphenyl

Concen: 50.129 ng

RT: 13.51 min Scan# 1739

Delta R.T. -0.00 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

Instrument :

BNA_G

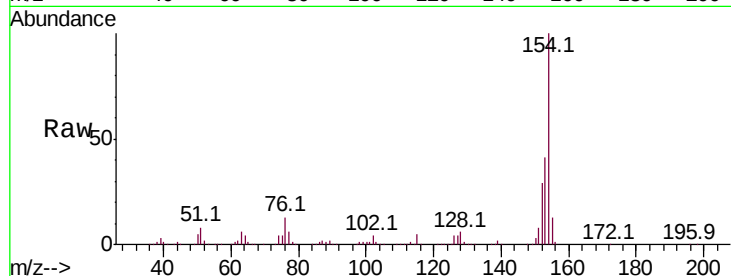
ClientSampleId :

JC-02-092118-AMS

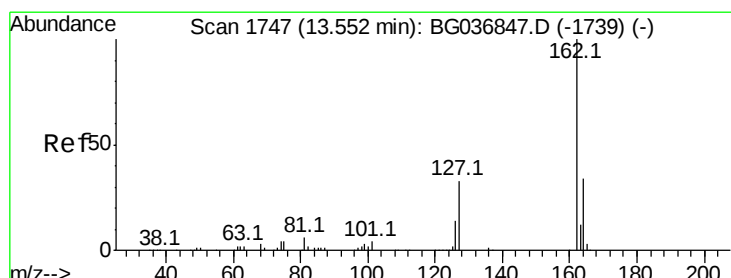
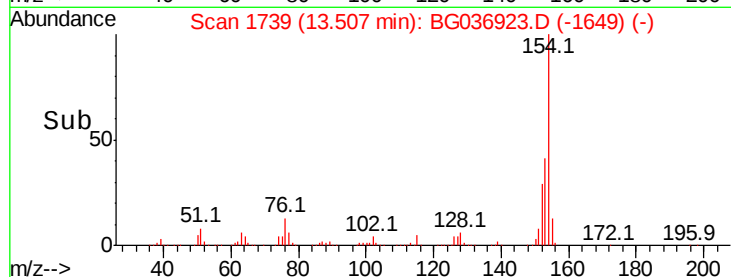
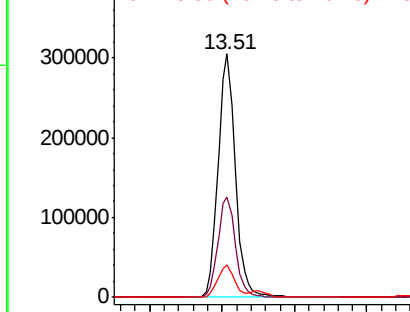
Tot Ion:	154	Resp:	506924
Ion Ratio	Lower	Upper	
154	100		
153	41.2	24.0	64.0
76	13.1	0.0	32.9

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 48.510 ng

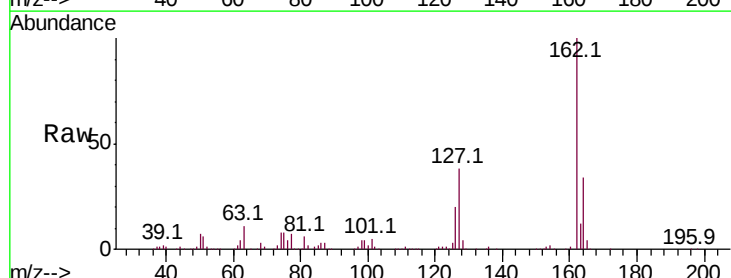
RT: 13.55 min Scan# 1747

Delta R.T. 0.00 min

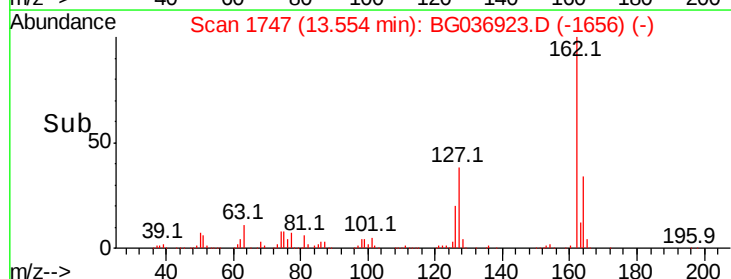
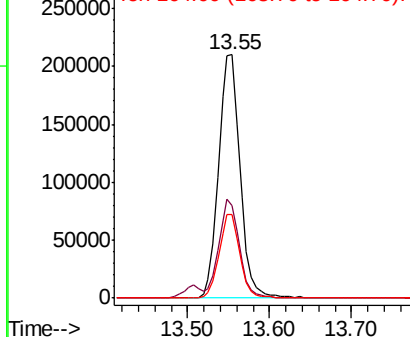
Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

Tgt Ion:	162	Resp:	385775
Ion Ratio	Lower	Upper	
162	100		
127	37.9	30.7	46.1
164	34.2	26.7	40.1



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 53.845 ng

RT: 13.75 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

Instrument :

BNA_G

ClientSampleId :

JC-02-092118-AMS

Tot Ion: 65 Resp: 148108

Ion Ratio Lower Upper

65 100

92 62.8 49.9 74.9

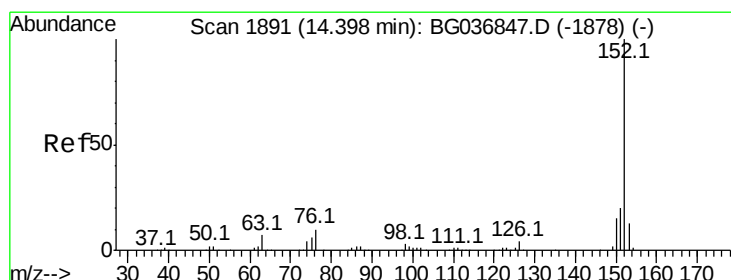
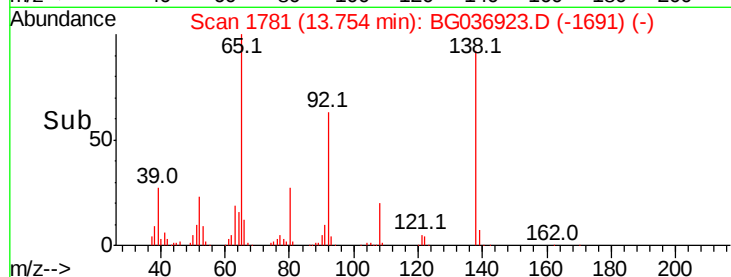
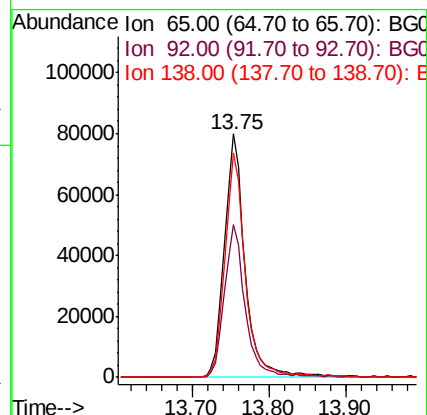
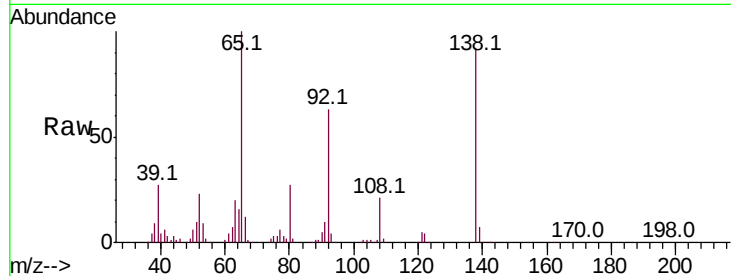
138 92.2 76.2 114.4

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#48

Acenaphthylene

Concen: 53.193 ng

RT: 14.39 min Scan# 1890

Delta R.T. -0.00 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

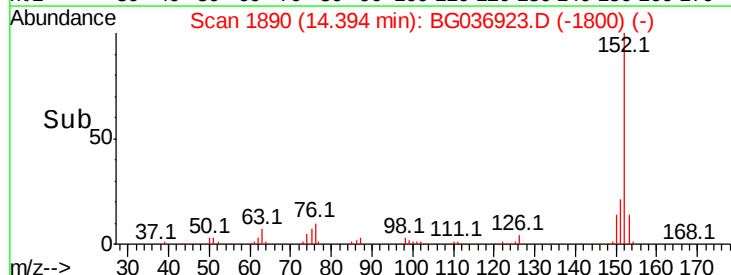
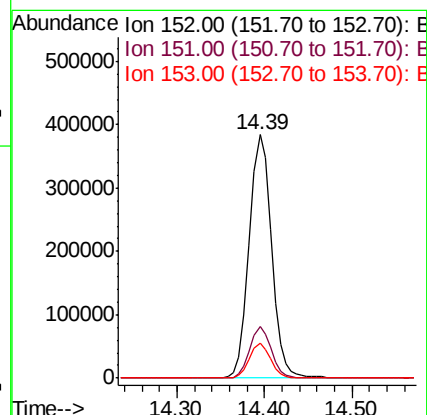
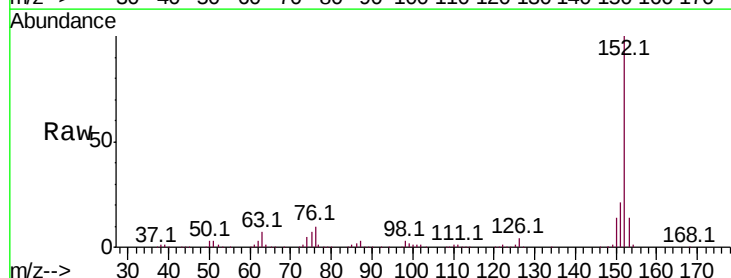
Tgt Ion: 152 Resp: 662876

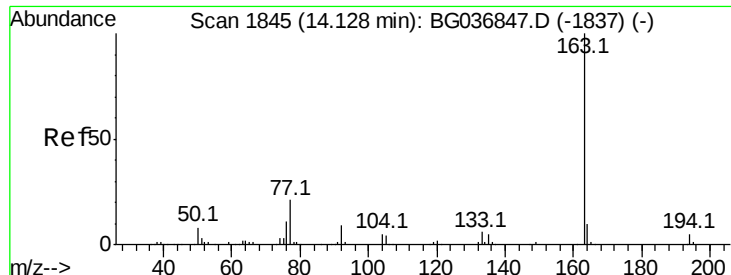
Ion Ratio Lower Upper

152 100

151 21.2 16.9 25.3

153 14.4 11.2 16.8





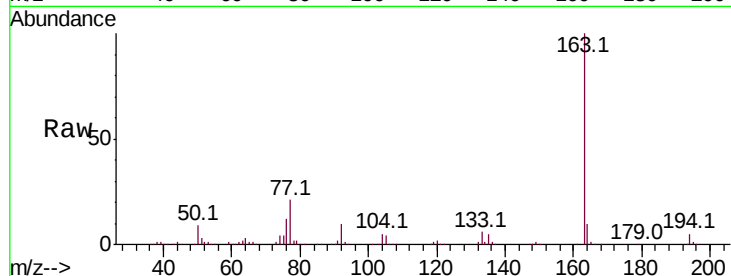
#49
Dimethylphthalate
Concen: 50.763 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.00 min
Lab File: BG036923.D
Acq: 24 Sep 2018 18:31

Instrument :
BNA_G
ClientSampleId :
JC-02-092118-AMS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	539522		
194	5.0		4.0	6.0
164	10.4		8.1	12.1

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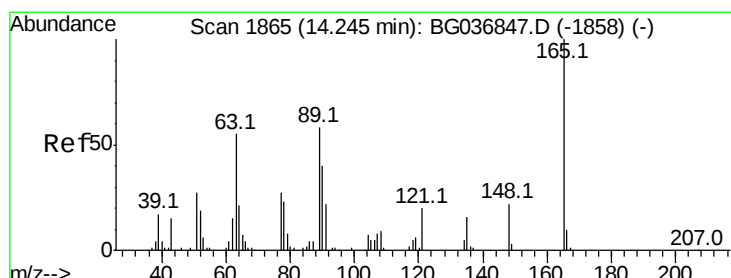
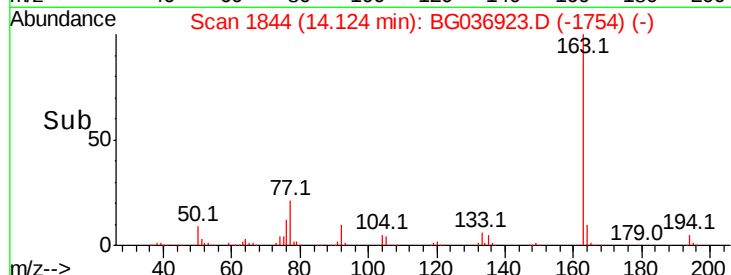
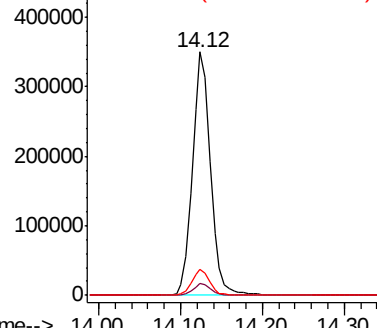


Abundance

Ion 163.00 (162.70 to 163.70): E

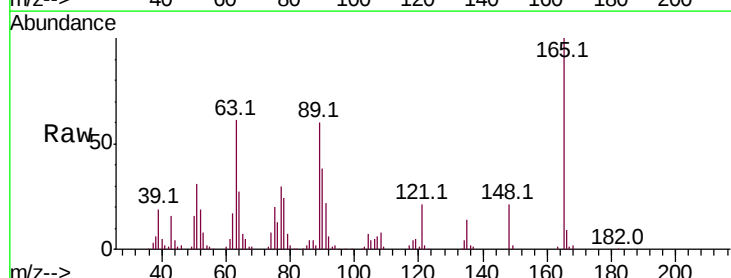
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 51.468 ng
RT: 14.25 min Scan# 1865
Delta R.T. 0.00 min
Lab File: BG036923.D
Acq: 24 Sep 2018 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	119350		
63	60.6		50.1	75.1
89	59.8		47.8	71.6

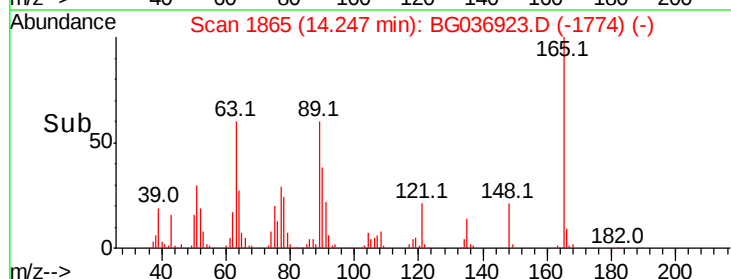
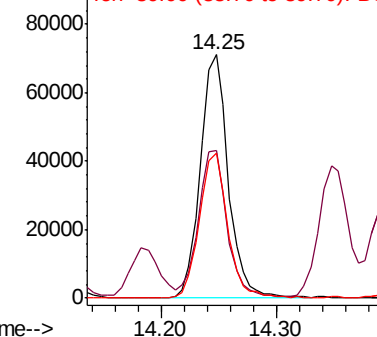


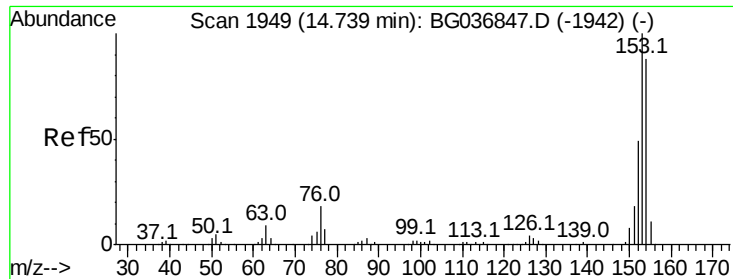
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 50.438 ng

RT: 14.74 min Scan# 1948

Delta R.T. -0.00 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

Instrument :

BNA_G

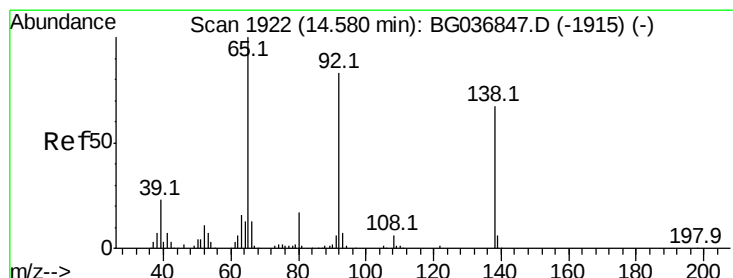
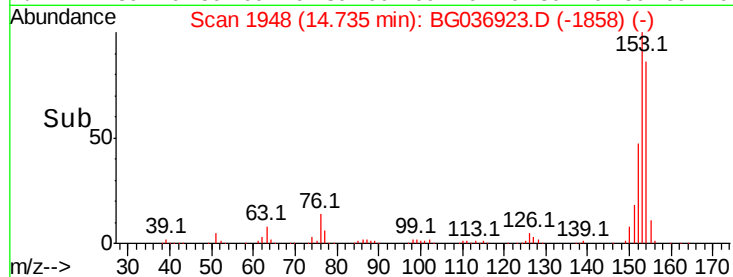
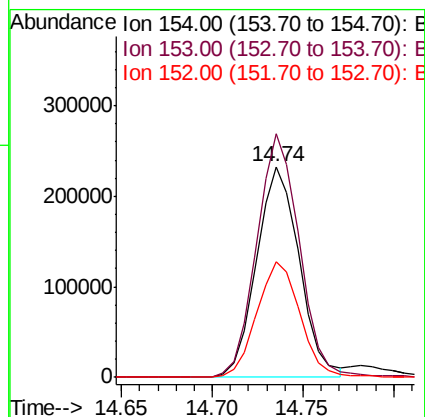
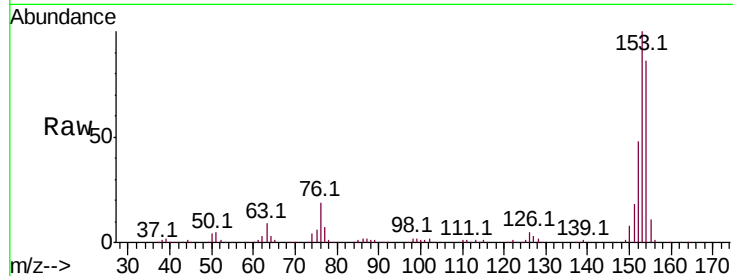
ClientSampleId :

JC-02-092118-AMS

Tot Ion:	154	Resp:	379878
Ion Ratio	Lower	Upper	
154	100		
153	115.7	91.8	137.6
152	55.0	43.5	65.3

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#52

3-Nitroaniline

Concen: 33.465 ng

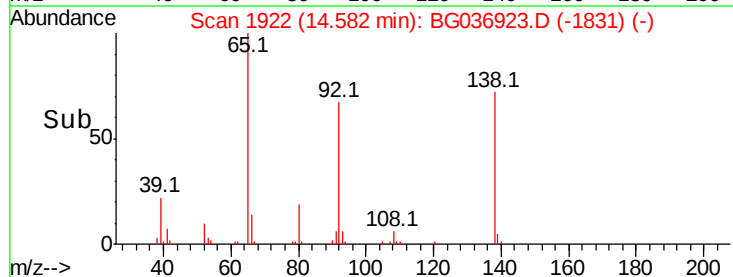
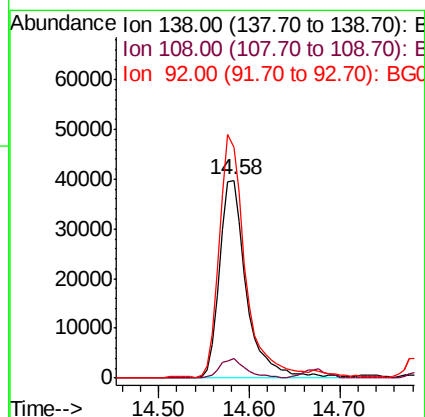
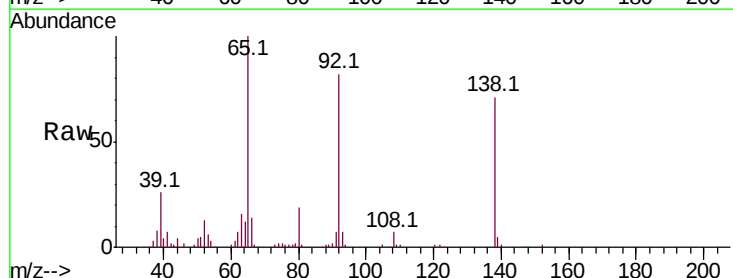
RT: 14.58 min Scan# 1922

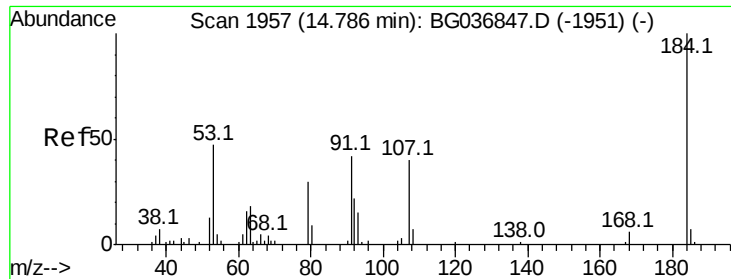
Delta R.T. 0.00 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

Tgt Ion:	138	Resp:	81773
Ion Ratio	Lower	Upper	
138	100		
108	9.8	9.4	14.2
92	116.3	96.8	145.2





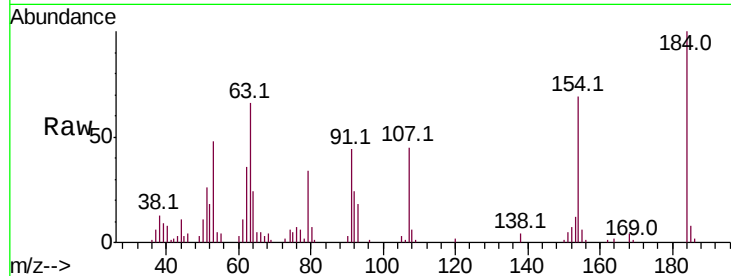
#53
 2,4-Dinitrophenol
 Concen: 36.934 ng
 RT: 14.79 min Scan# 1957
 Delta R.T. 0.00 min
 Lab File: BG036923.D
 Acq: 24 Sep 2018 18:31

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-092118-AMS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	35190		
63	65.7	47.3	70.9	
154	68.7	51.1	76.7	

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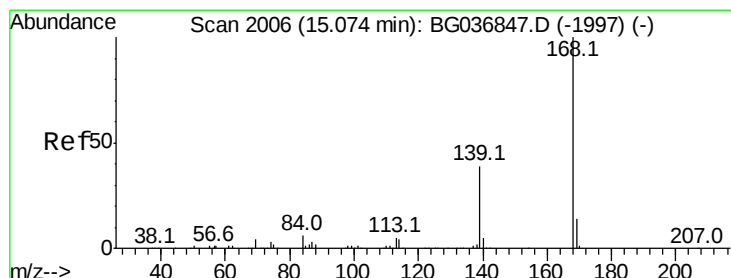
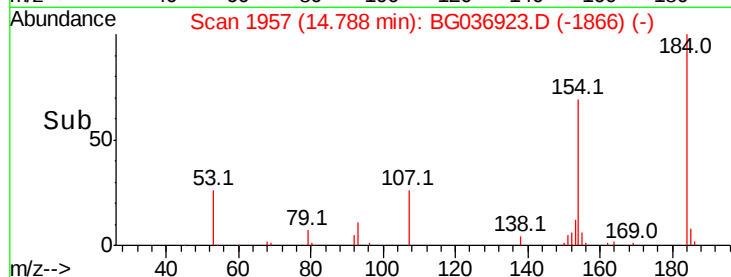
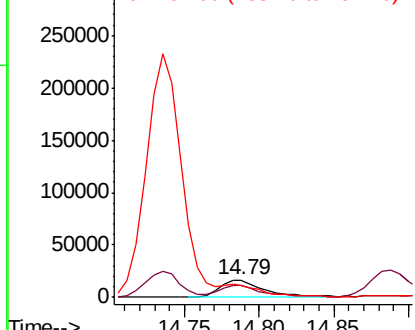


Abundance

Ion 184.00 (183.70 to 184.70): E

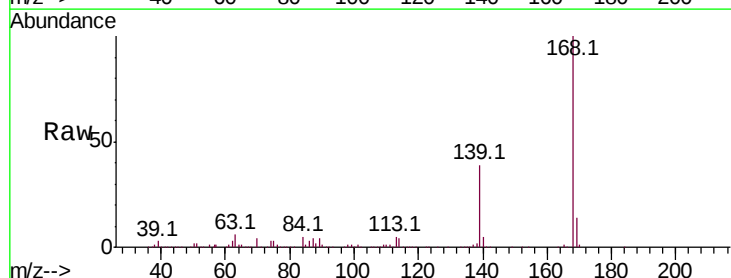
Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54
 Dibenzofuran
 Concen: 49.883 ng
 RT: 15.07 min Scan# 2005
 Delta R.T. -0.00 min
 Lab File: BG036923.D
 Acq: 24 Sep 2018 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	635481		
139	38.6	31.0	46.6	
169	13.7	11.1	16.7	

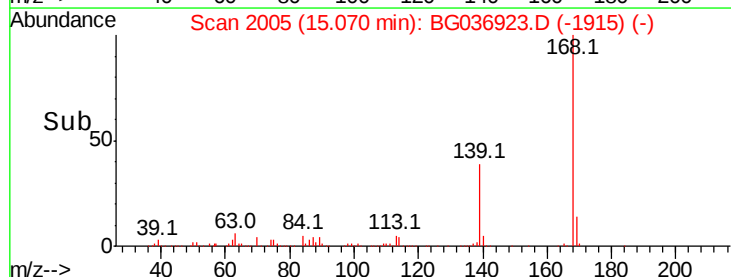
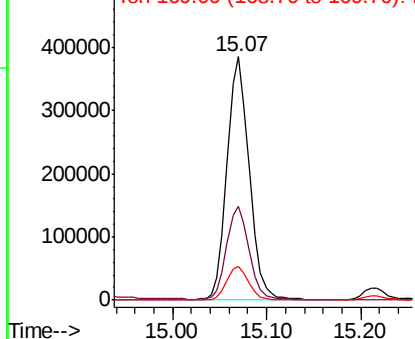


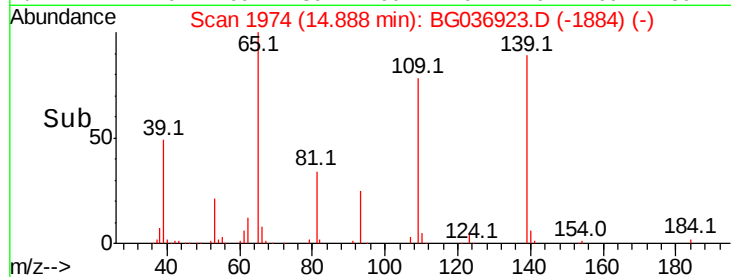
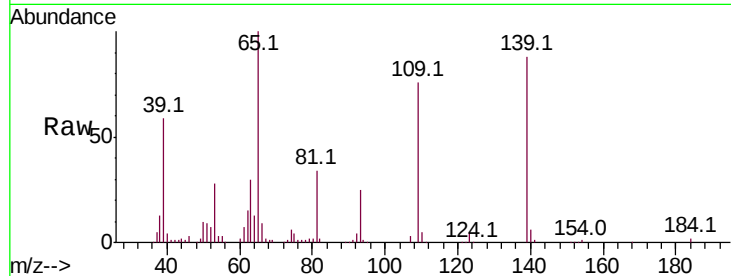
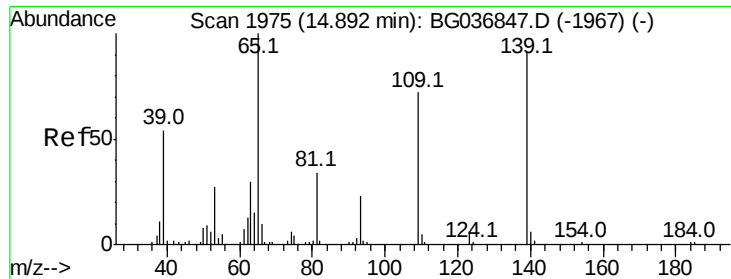
Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





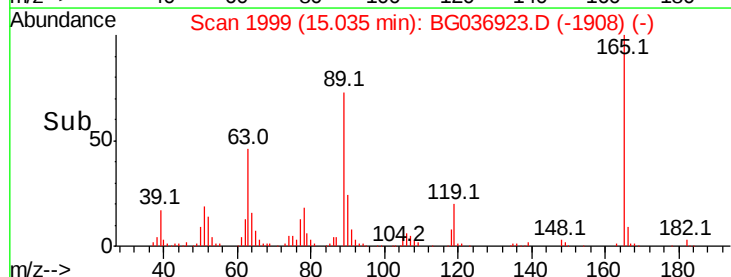
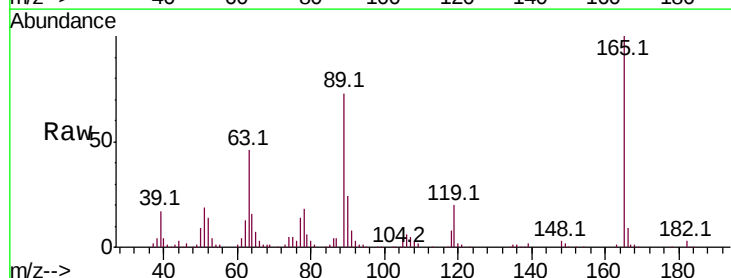
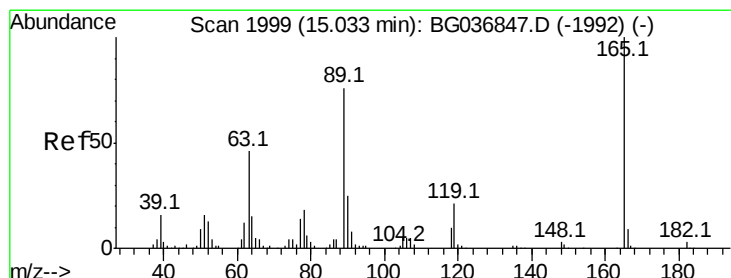
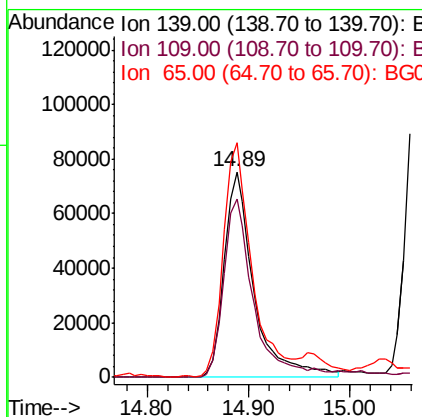
#55
4-Nitrophenol
Concen: 98.282 ng
RT: 14.89 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BG036923.D
Acq: 24 Sep 2018 18:31

Instrument :
BNA_G
ClientSampleId :
JC-02-092118-AMS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	153422		
109	86.8	63.9	103.9	
65	114.1	90.0	130.0	

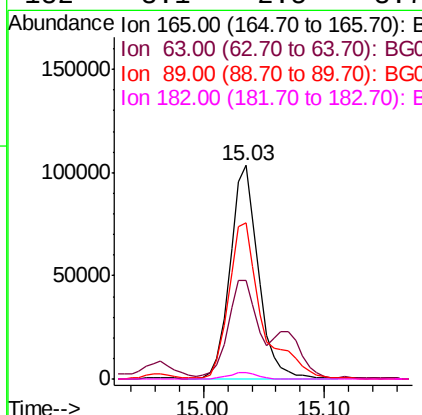
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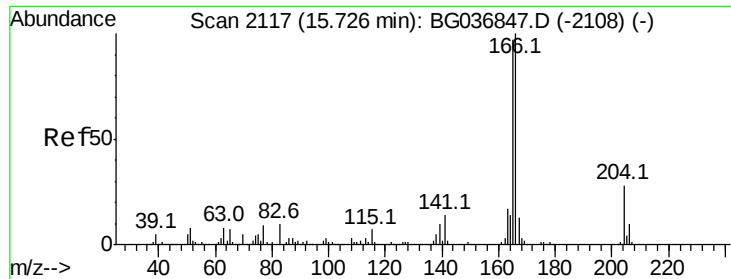
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#56
2,4-Dinitrotoluene
Concen: 51.995 ng
RT: 15.03 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BG036923.D
Acq: 24 Sep 2018 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	168243		
63	46.3	40.1	60.1	
89	73.1	63.7	95.5	
182	3.1	2.5	3.7	





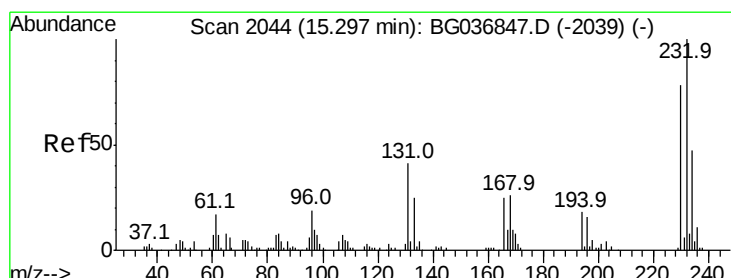
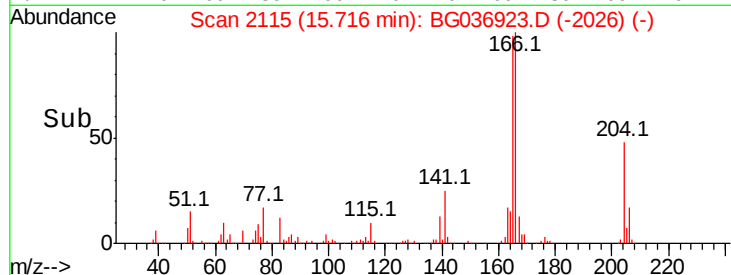
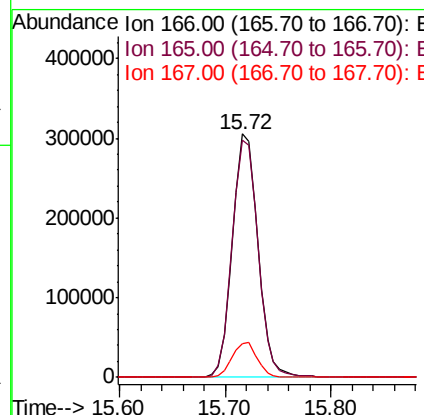
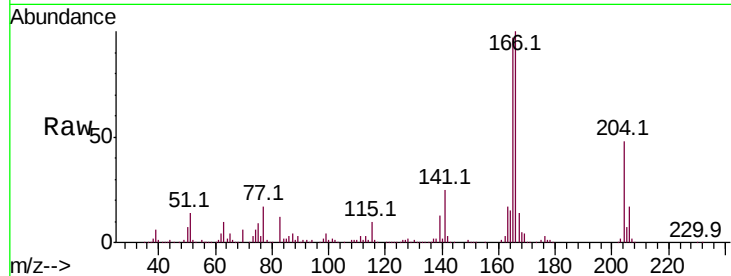
#57
Fluorene
 Concen: 53.694 ng
 RT: 15.72 min Scan# 2115
 Delta R.T. -0.01 min
 Lab File: BG036923.D
 Acq: 24 Sep 2018 18:31

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-092118-AMS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	511267		
165	97.4		77.0	115.4
167	13.7		10.6	16.0

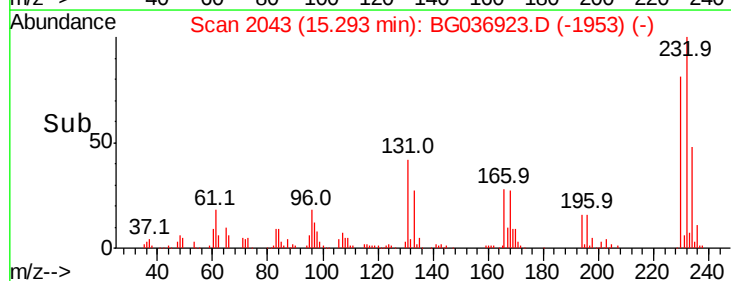
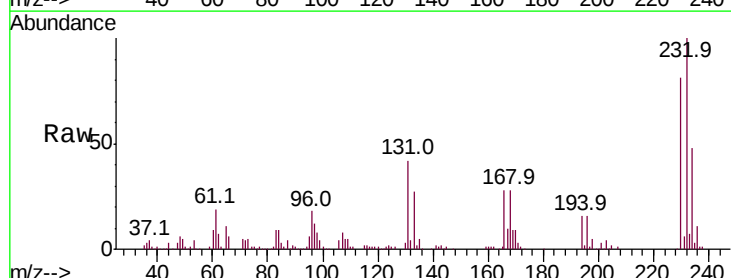
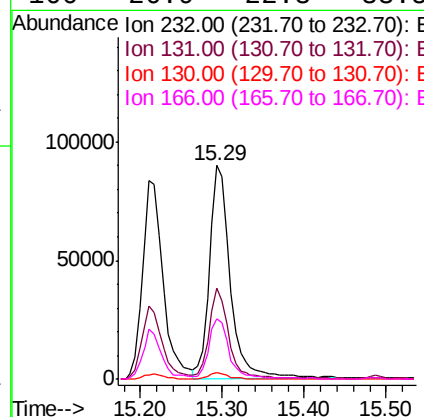
Manual Integrations
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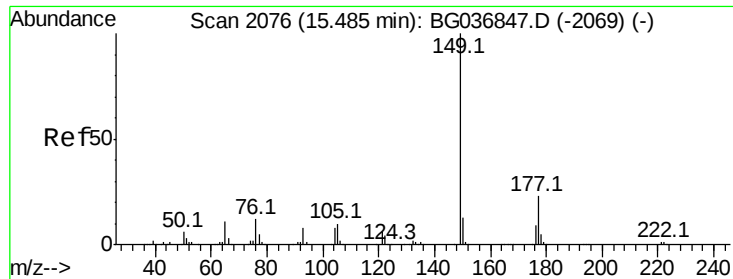
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 57.168 ng
 RT: 15.29 min Scan# 2043
 Delta R.T. -0.00 min
 Lab File: BG036923.D
 Acq: 24 Sep 2018 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	158144		
231	39.6		33.8	50.8
130	2.6		2.1	3.1
166	26.9		22.3	33.5





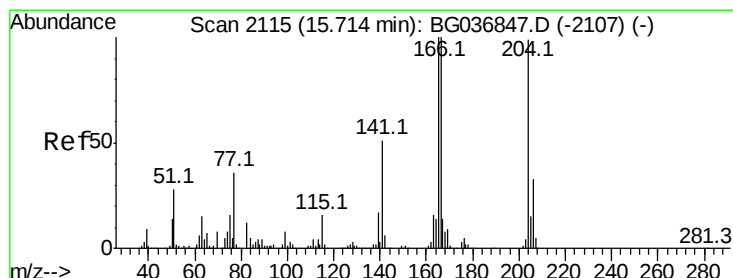
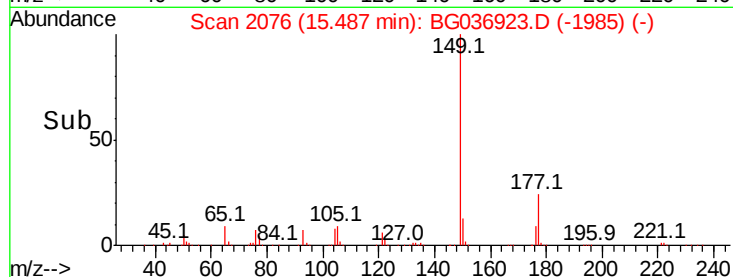
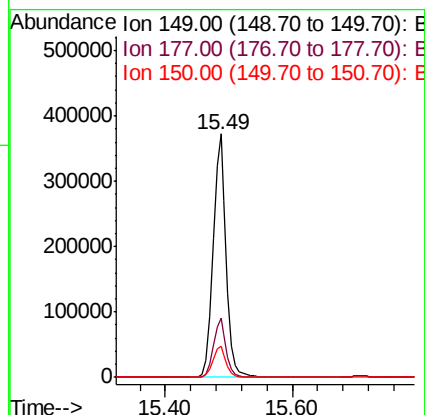
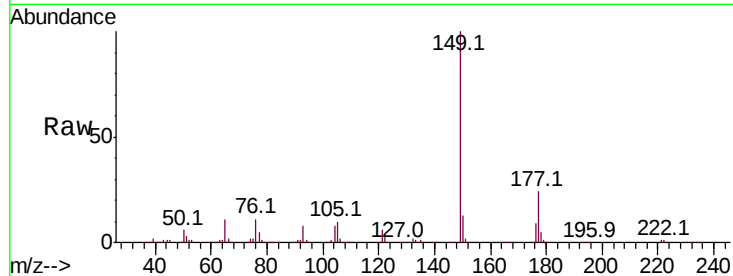
#59
Diethylphthalate
Concen: 50.560 ng
RT: 15.49 min Scan# 2076
Delta R.T. 0.00 min
Lab File: BG036923.D
Acq: 24 Sep 2018 18:31

Instrument :
BNA_G
ClientSampleId :
JC-02-092118-AMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	541994		
177	24.4	19.1	28.7	
150	13.0	10.7	16.1	

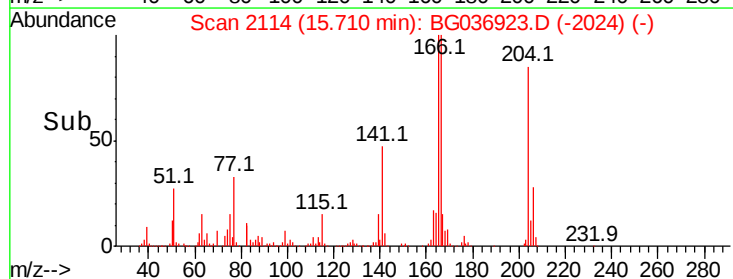
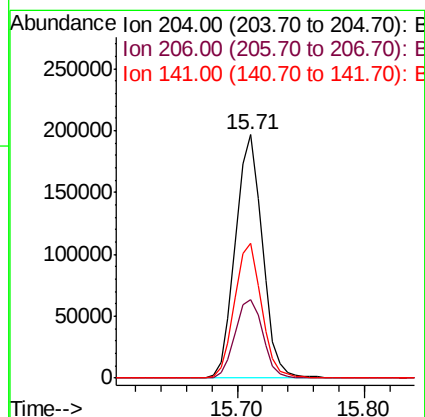
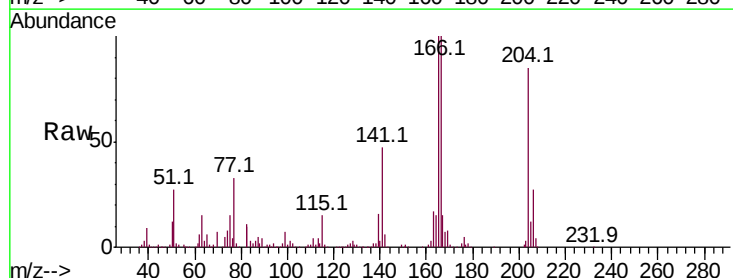
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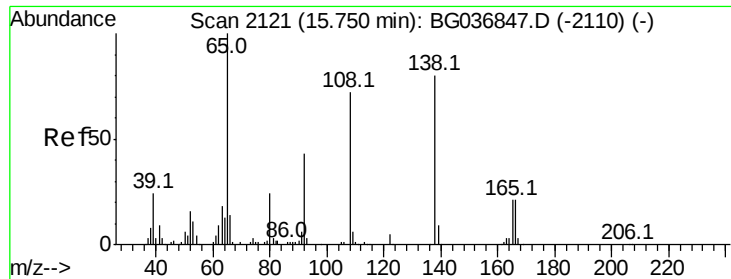
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#60
4-Chlorophenyl-phenylether
Concen: 48.043 ng
RT: 15.71 min Scan# 2114
Delta R.T. -0.00 min
Lab File: BG036923.D
Acq: 24 Sep 2018 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	289704		
206	32.4	27.0	40.4	
141	55.2	43.8	65.6	





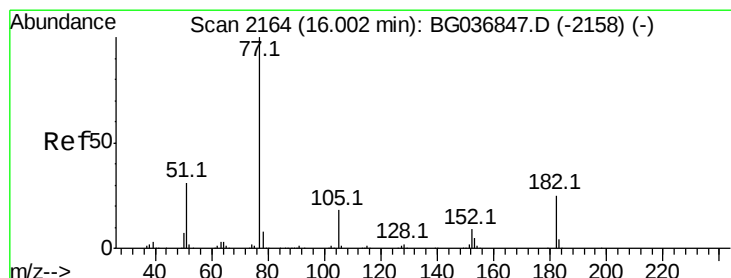
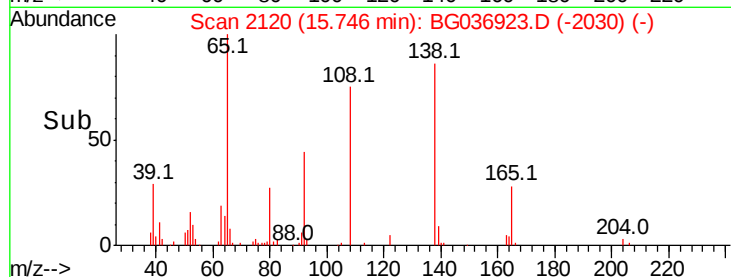
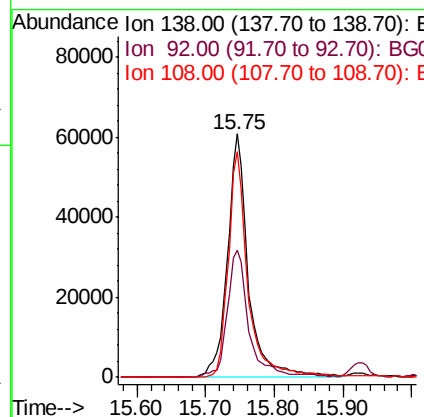
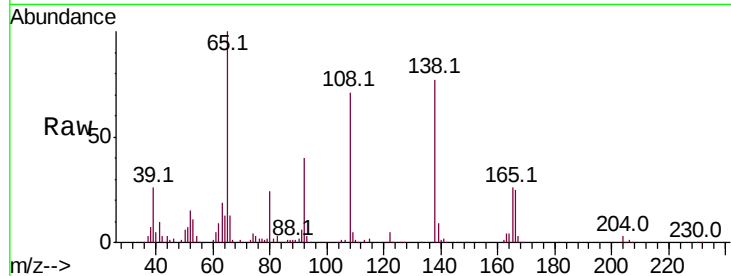
#61
4-Nitroaniline
Concen: 50.559 ng
RT: 15.75 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BG036923.D
Acq: 24 Sep 2018 18:31

Instrument :
BNA_G
ClientSampleId :
JC-02-092118-AMS

Tot Ion	Ratio	Lower	Upper
138	100		
92	52.1	38.5	78.5
108	92.9	70.3	110.3

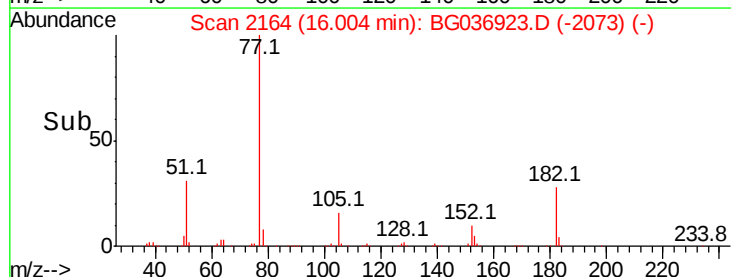
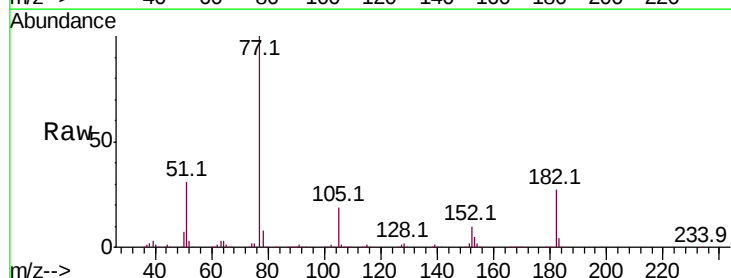
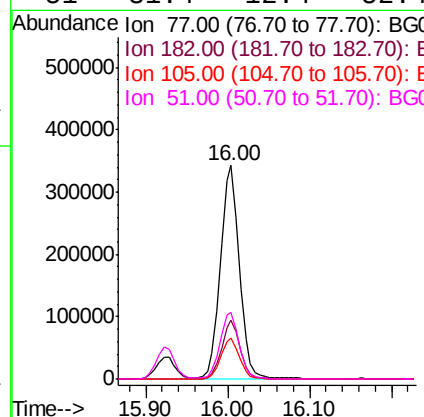
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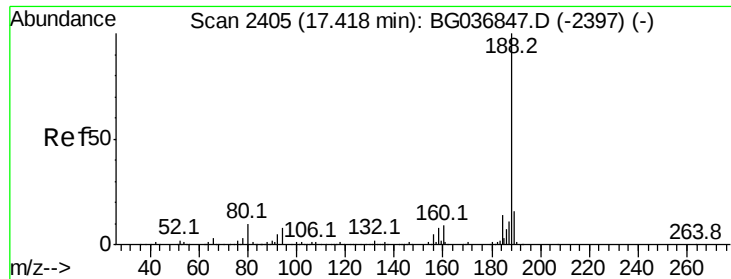
Sohil
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#62
Azobenzene
Concen: 53.660 ng
RT: 16.00 min Scan# 2164
Delta R.T. 0.00 min
Lab File: BG036923.D
Acq: 24 Sep 2018 18:31

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.4	6.7	46.7
105	19.0	0.0	39.8
51	31.4	12.4	52.4





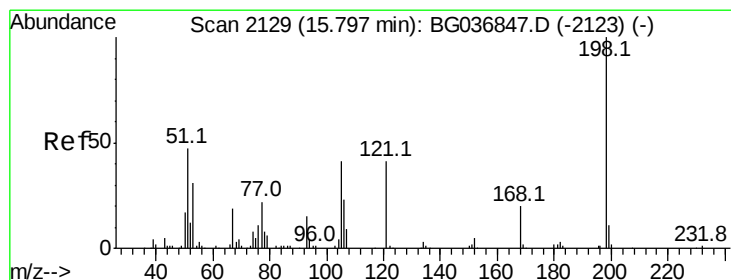
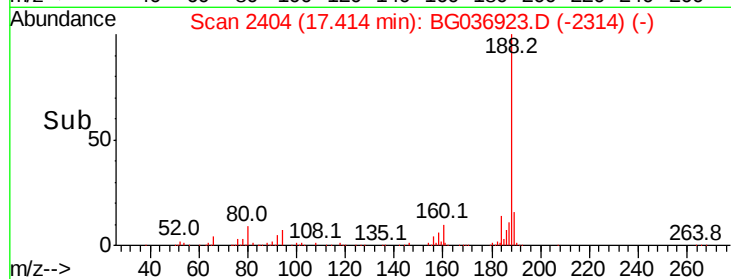
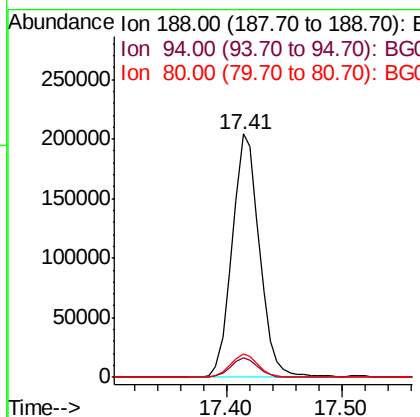
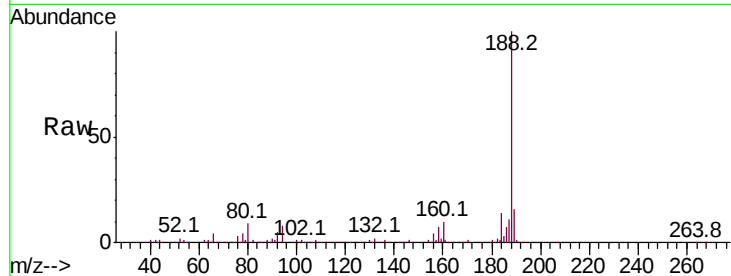
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.00 min
Lab File: BG036923.D
Acq: 24 Sep 2018 18:31

Instrument :
BNA_G
ClientSampleId :
JC-02-092118-AMS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	334525		
94	8.0		6.7	10.1
80	9.4		8.1	12.1

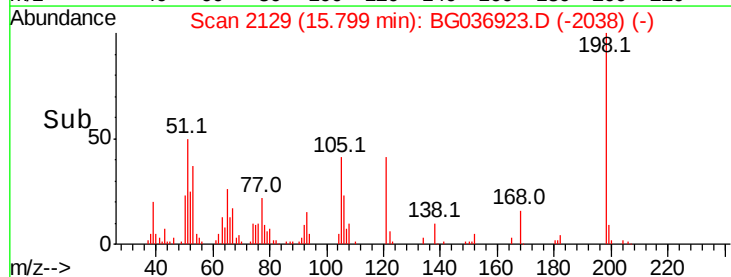
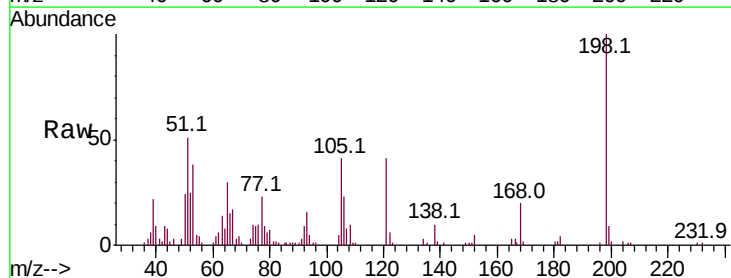
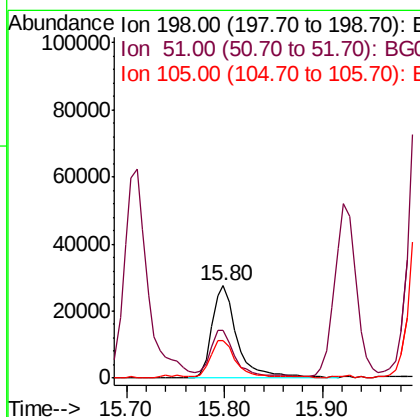
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#64
4,6-Dinitro-2-methylphenol
Concen: 28.368 ng
RT: 15.80 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BG036923.D
Acq: 24 Sep 2018 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	49614		
51	51.2		26.5	66.5
105	41.3		20.2	60.2





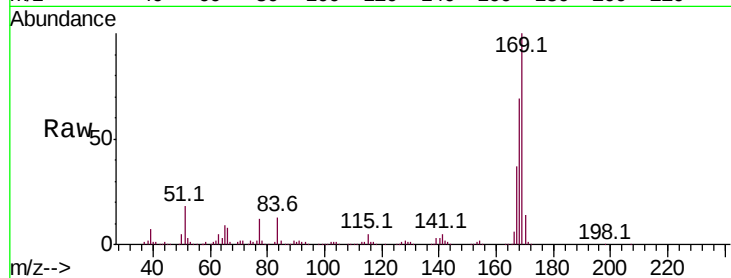
#65
 n-Nitrosodiphenylamine
 Concen: 51.067 ng
 RT: 15.92 min Scan# 2150
 Delta R.T. -0.00 min
 Lab File: BG036923.D
 Acq: 24 Sep 2018 18:31

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-092118-AMS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	471616		
168	69.2		57.6	86.4
167	36.9		31.0	46.4

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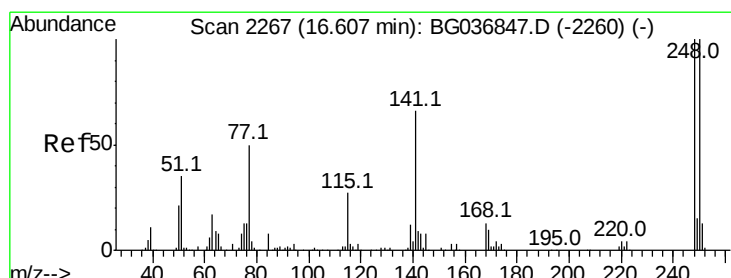
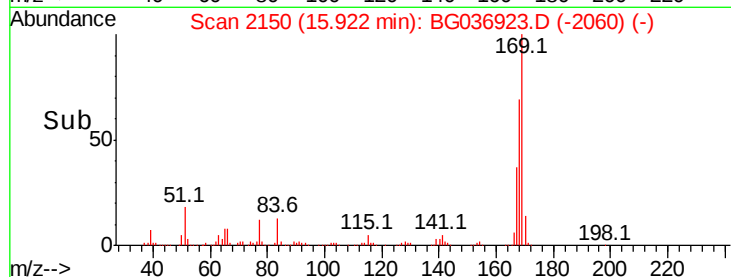
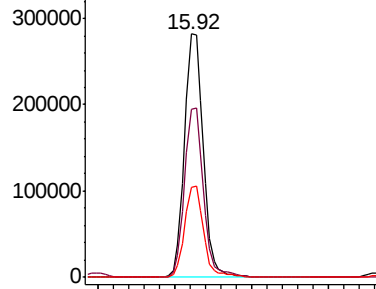


Abundance

Ion 169.00 (168.70 to 169.70): E

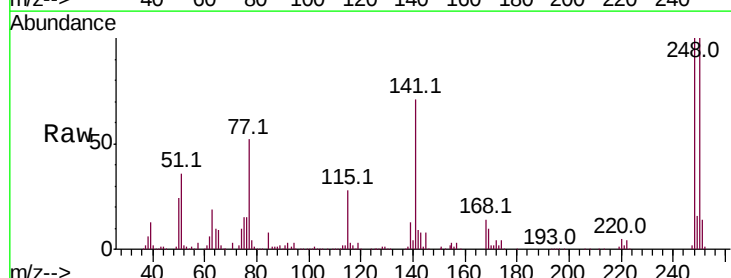
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
 4-Bromophenyl-phenylether
 Concen: 49.810 ng
 RT: 16.60 min Scan# 2266
 Delta R.T. -0.00 min
 Lab File: BG036923.D
 Acq: 24 Sep 2018 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	189528		
250	100.1		78.1	117.1
141	70.9		53.7	80.5

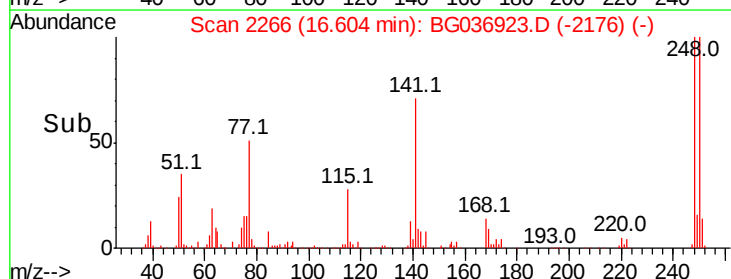
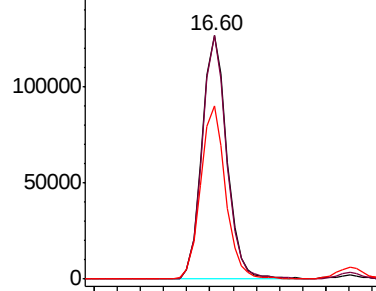


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 48.659 ng

RT: 16.72 min Scan# 2286

Delta R.T. -0.00 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

Instrument :

BNA_G

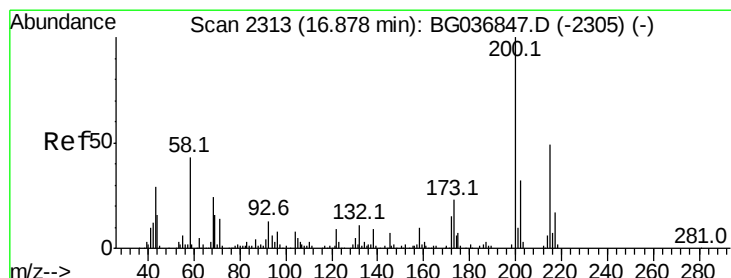
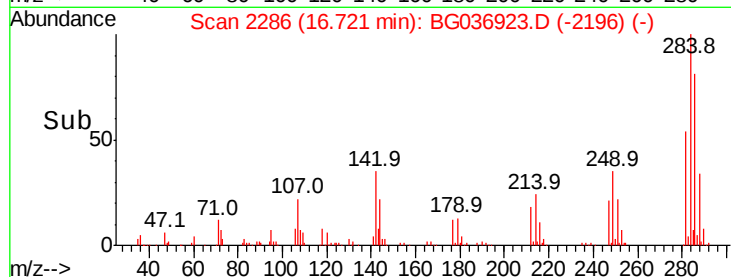
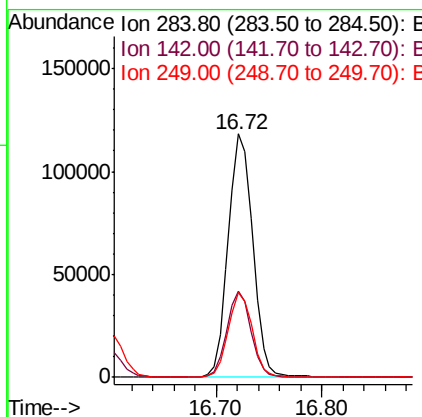
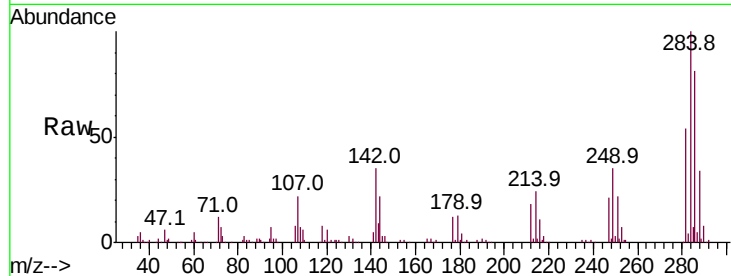
ClientSampleId :

JC-02-092118-AMS

Tot Ion:	284	Resp:	190692
Ion Ratio	Lower	Upper	
284	100		
142	35.4	27.8	41.6
249	35.1	27.4	41.2

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#68

Atrazine

Concen: 53.964 ng

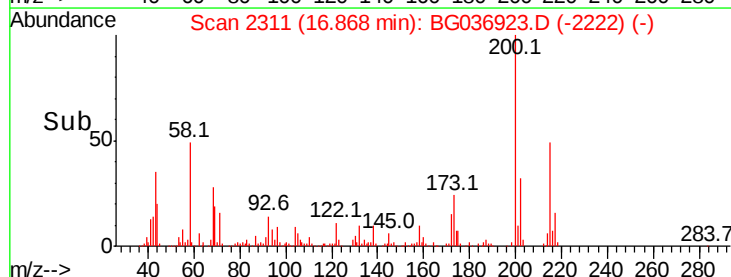
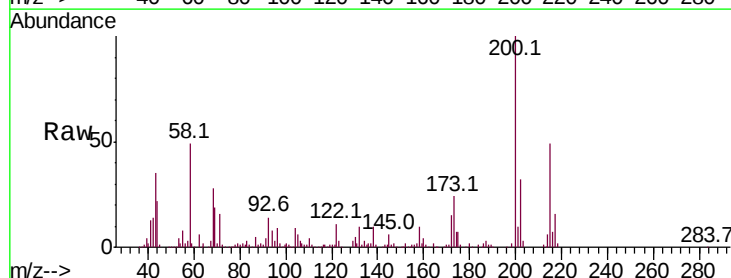
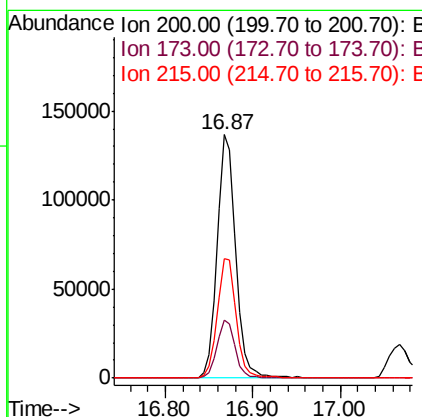
RT: 16.87 min Scan# 2311

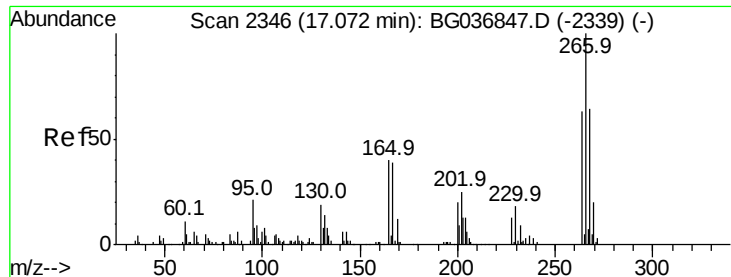
Delta R.T. -0.01 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

Tgt Ion:	200	Resp:	201795
Ion Ratio	Lower	Upper	
200	100		
173	23.6	3.9	43.9
215	49.0	30.4	70.4





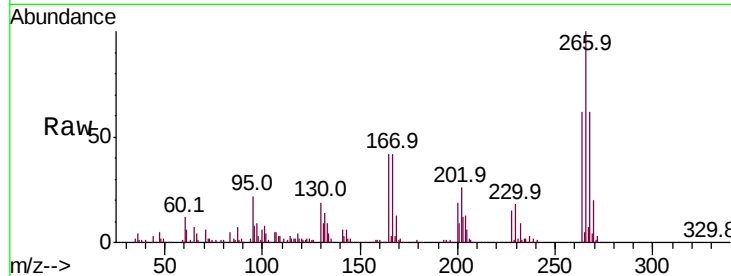
#69
 Pentachlorophenol
 Concen: 71.739 ng
 RT: 17.07 min Scan# 2345
 Delta R.T. -0.00 min
 Lab File: BG036923.D
 Acq: 24 Sep 2018 18:31

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-092118-AMS

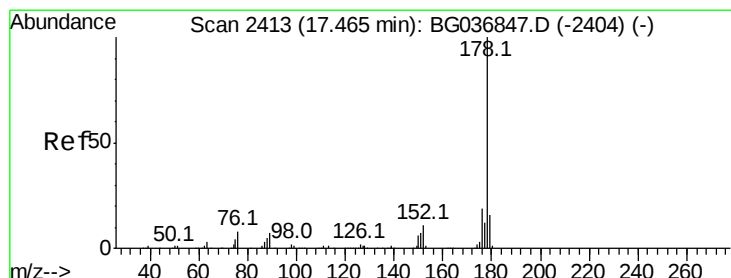
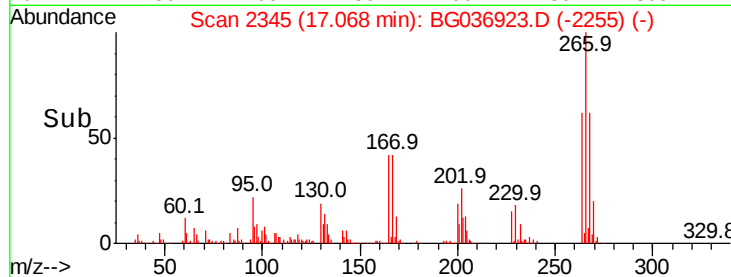
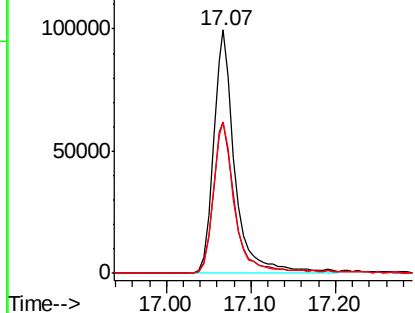
Tot Ion	Ratio	Resp	Lower	Upper
266	100	177006		
268	62.3		51.4	77.2
264	62.4		48.9	73.3

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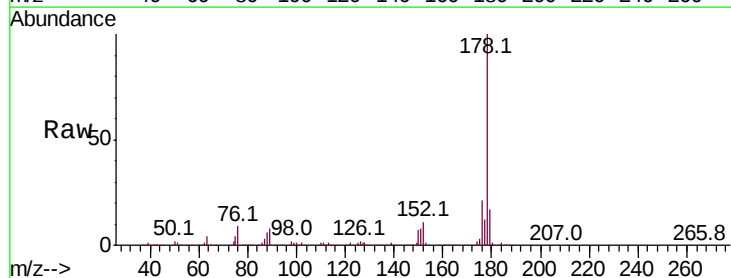


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

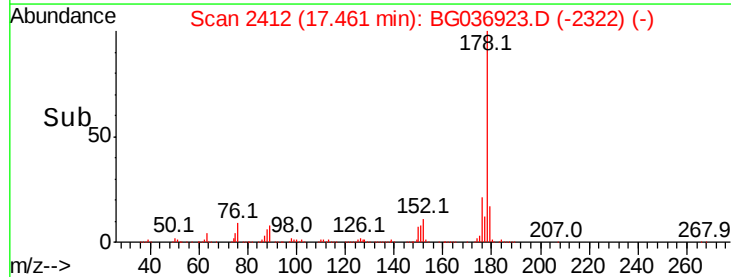
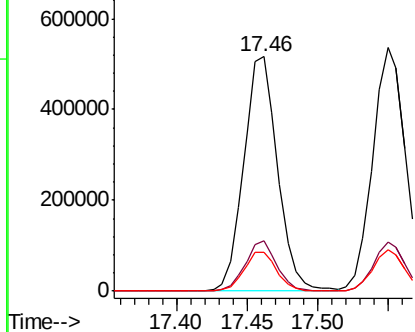


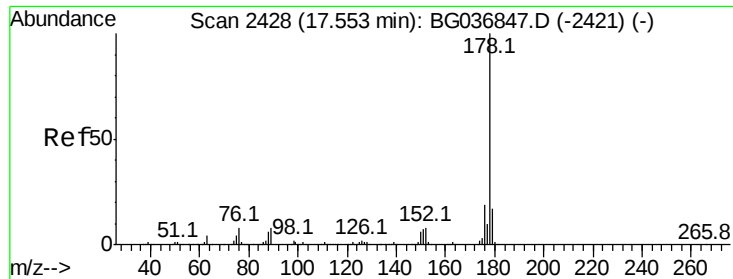
#70
 Phenanthrene
 Concen: 53.883 ng
 RT: 17.46 min Scan# 2412
 Delta R.T. -0.00 min
 Lab File: BG036923.D
 Acq: 24 Sep 2018 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	868627		
176	21.3		15.4	23.2
179	16.6		13.4	20.2



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





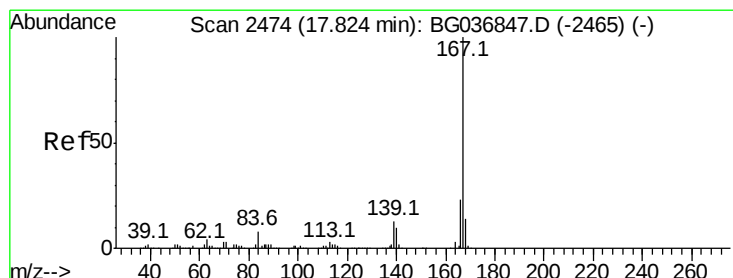
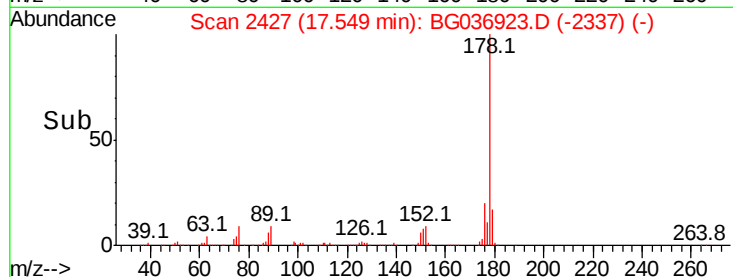
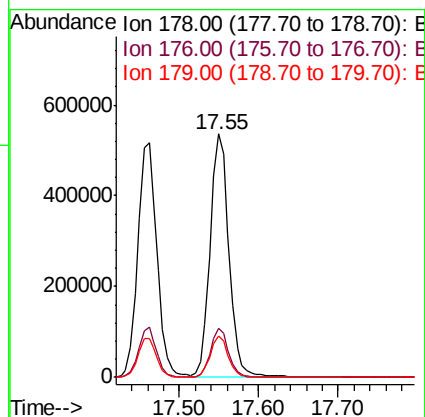
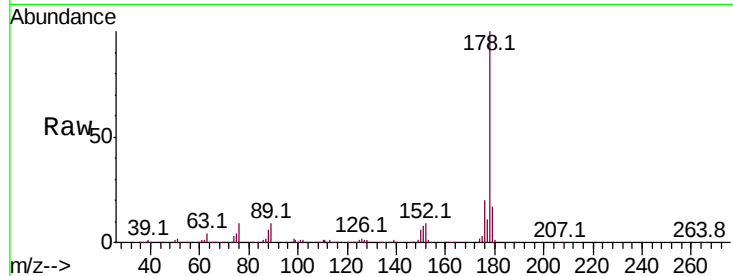
#71
 Anthracene
 Concen: 55.698 ng
 RT: 17.55 min Scan# 2427
 Delta R.T. -0.00 min
 Lab File: BG036923.D
 Acq: 24 Sep 2018 18:31

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-092118-AMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.4	23.2
179	17.2	13.0	19.4

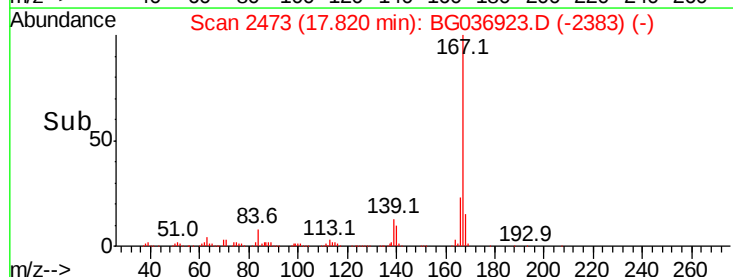
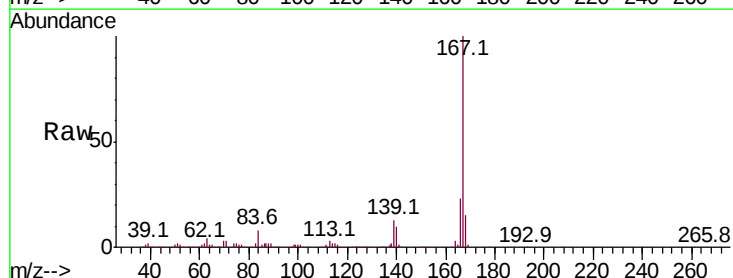
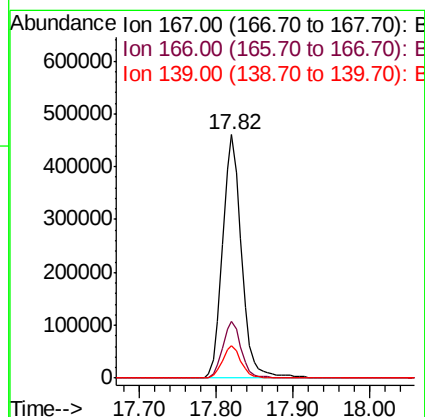
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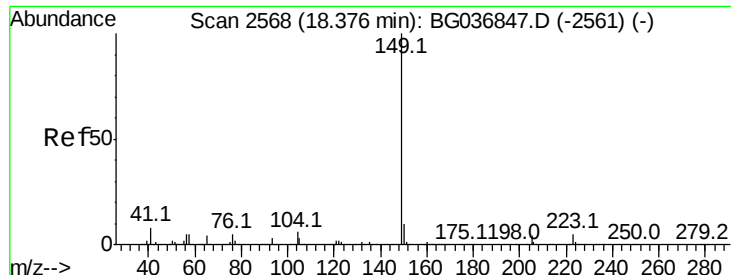
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#72
 Carbazole
 Concen: 50.479 ng
 RT: 17.82 min Scan# 2473
 Delta R.T. -0.00 min
 Lab File: BG036923.D
 Acq: 24 Sep 2018 18:31

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.1	19.5	29.3
139	13.4	10.7	16.1





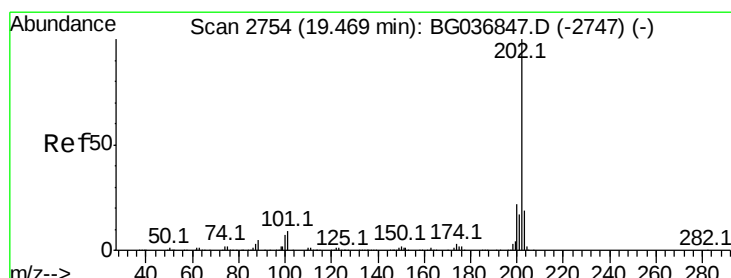
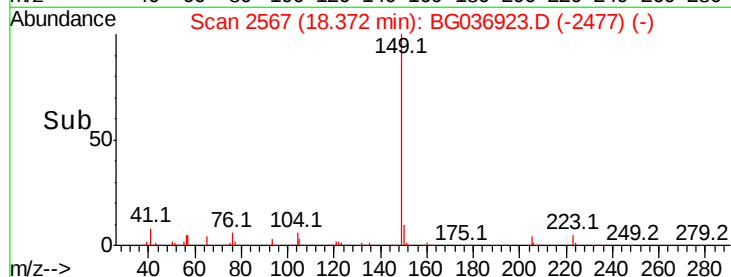
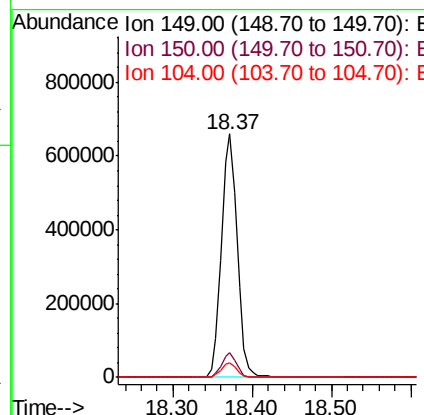
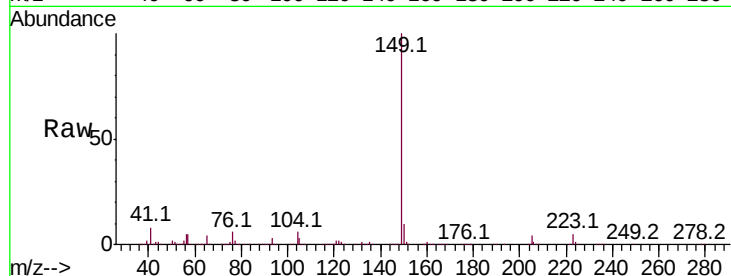
#73
Di-n-butylphthalate
Concen: 52.640 ng
RT: 18.37 min Scan# 2567
Delta R.T. -0.00 min
Lab File: BG036923.D
Acq: 24 Sep 2018 18:31

Instrument :
BNA_G
ClientSampleId :
JC-02-092118-AMS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	10.3	8.1	12.1
104	5.9	4.6	6.8

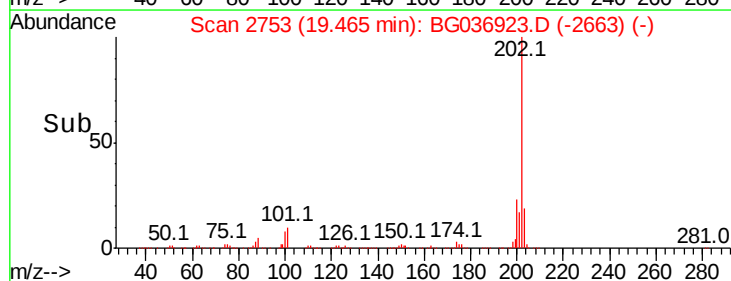
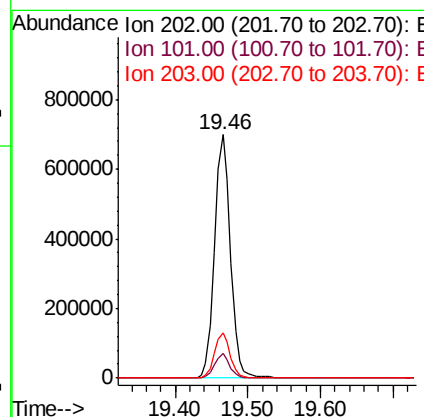
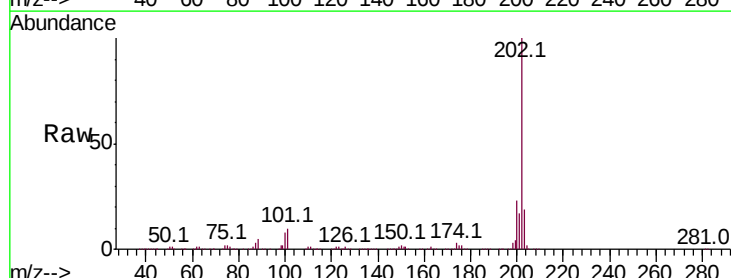
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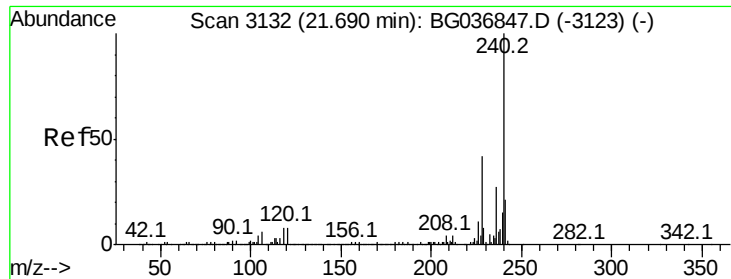
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#74
Fluoranthene
Concen: 54.783 ng
RT: 19.46 min Scan# 2753
Delta R.T. -0.00 min
Lab File: BG036923.D
Acq: 24 Sep 2018 18:31

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	10.1	0.0	29.4
203	18.8	0.0	38.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3131

Delta R.T. -0.00 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

Instrument :

BNA_G

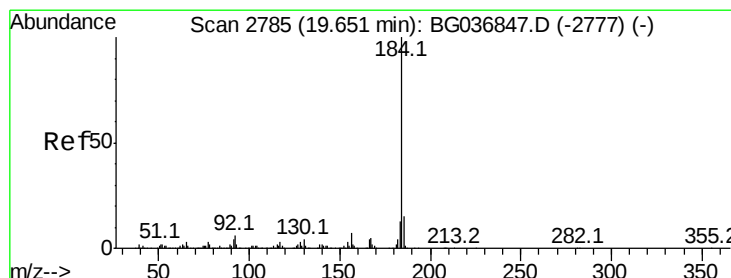
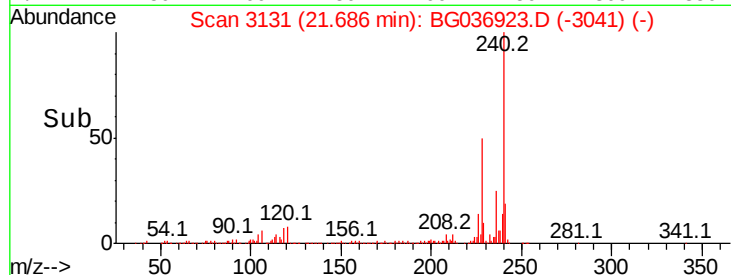
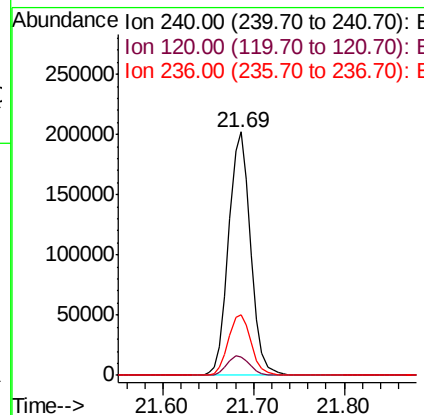
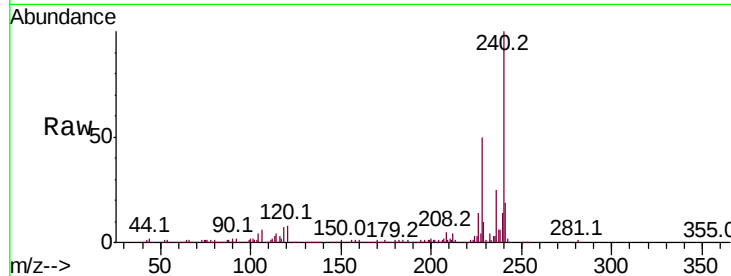
ClientSampleId :

JC-02-092118-AMS

Tot Ion:	240	Resp:	339960
Ion Ratio	Lower	Upper	
240	100		
120	7.7	6.9	10.3
236	25.0	21.2	31.8

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#76

Benzidine

Concen: 28.528 ng

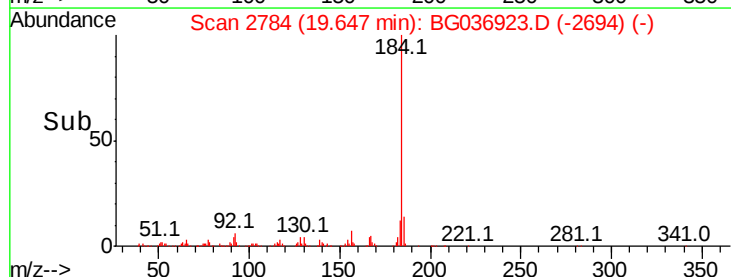
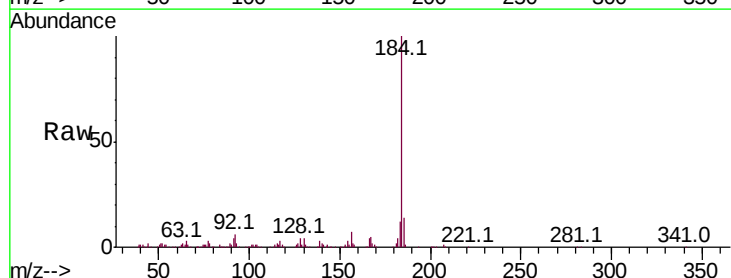
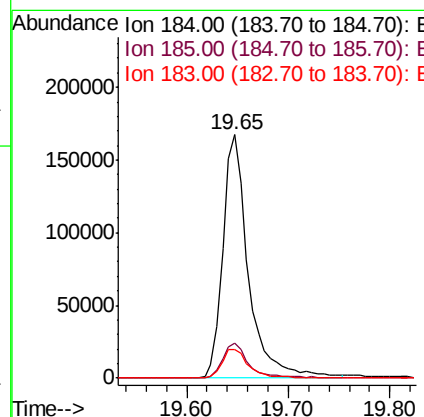
RT: 19.65 min Scan# 2784

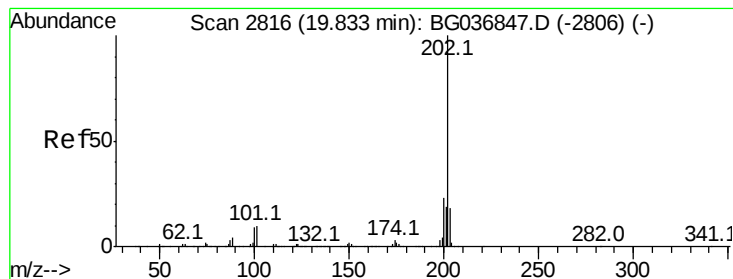
Delta R.T. -0.00 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

Tgt Ion:	184	Resp:	293182
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.6	18.8
183	12.0	10.9	16.3





#77

Pvrene

Concen: 50.918 ng

RT: 19.82 min Scan# 2814

Delta R.T. -0.01 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

Instrument :

BNA_G

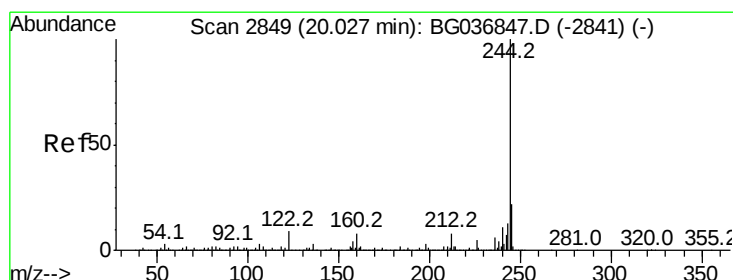
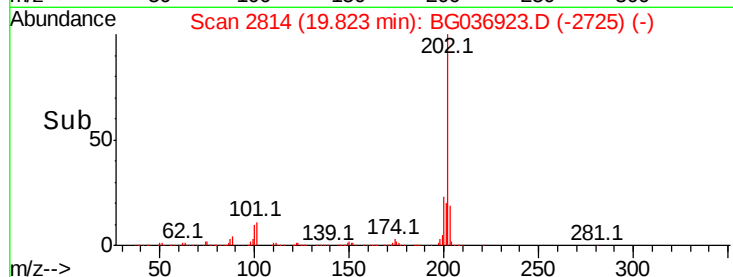
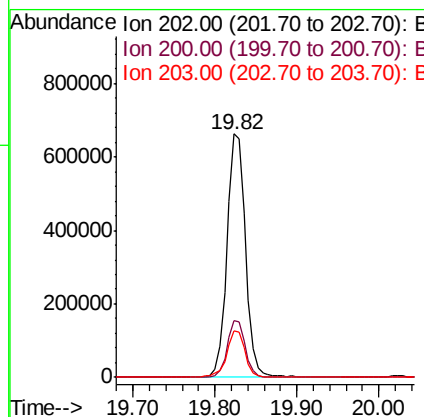
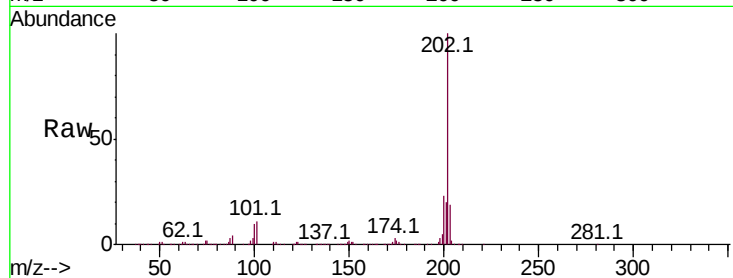
ClientSampleId :

JC-02-092118-AMS

Tot Ion:	202	Resp:	1038755
Ion	Ratio	Lower	Upper
202	100		
200	23.2	18.3	27.5
203	19.0	15.1	22.7

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#78

Terphenyl-d14

Concen: 91.602 ng

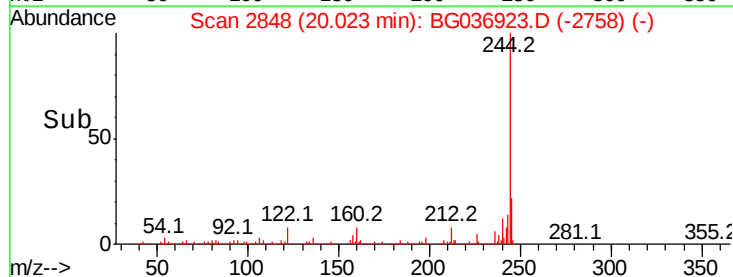
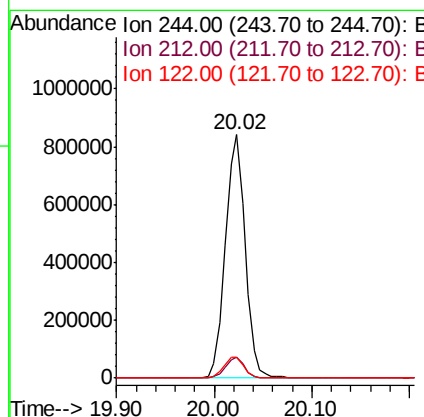
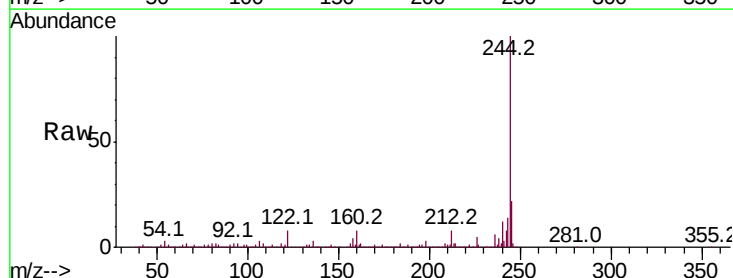
RT: 20.02 min Scan# 2848

Delta R.T. -0.00 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

Tgt Ion:	244	Resp:	1184297
Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.0	10.6
122	8.4	7.1	10.7





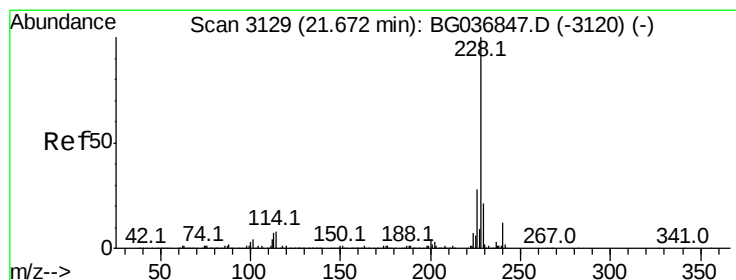
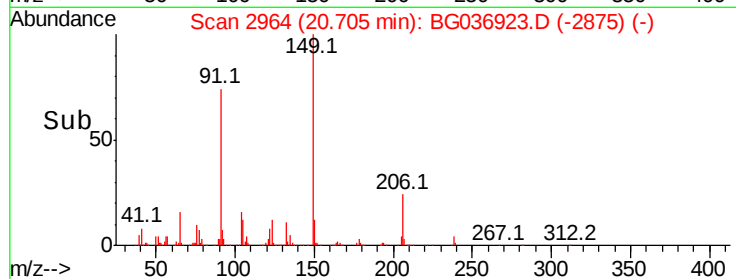
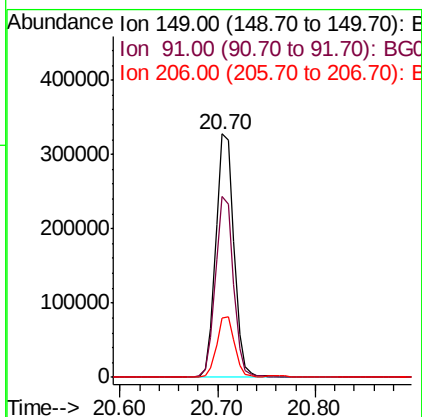
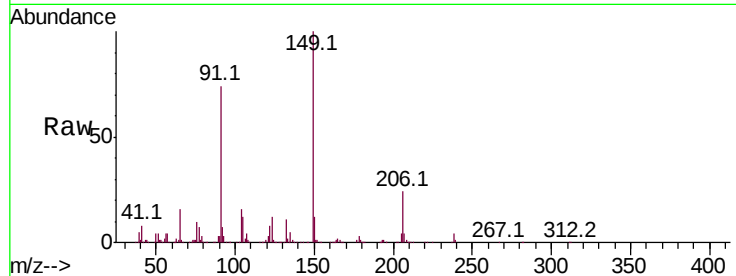
#79
Butylbenzylphthalate
Concen: 52.318 ng
RT: 20.70 min Scan# 2964
Delta R.T. -0.01 min
Lab File: BG036923.D
Acq: 24 Sep 2018 18:31

Instrument :
BNA_G
ClientSampleId :
JC-02-092118-AMS

Tot Ion	Ratio	Lower	Upper
149	100		
91	74.2	62.0	93.0
206	24.4	19.6	29.4

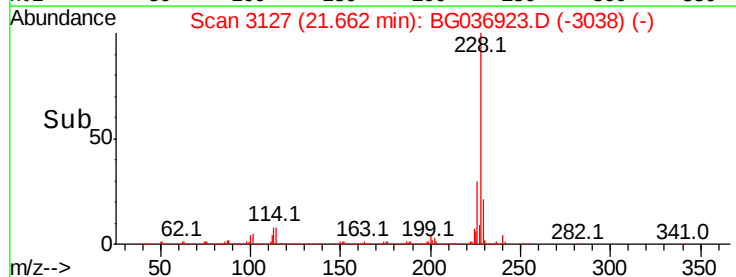
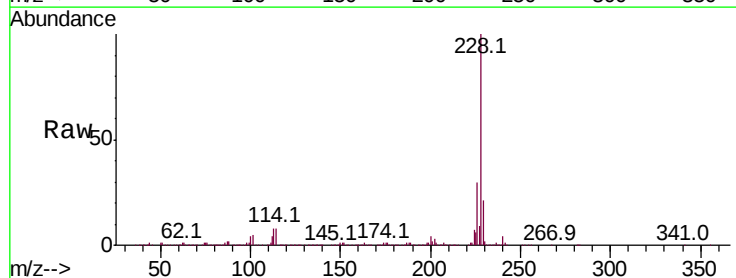
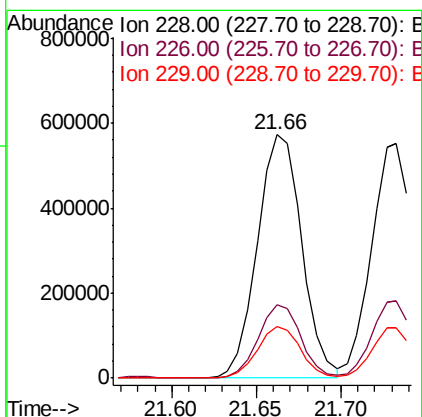
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#80
Benzo(a)anthracene
Concen: 52.683 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG036923.D
Acq: 24 Sep 2018 18:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.4	35.2
229	21.3	17.1	25.7





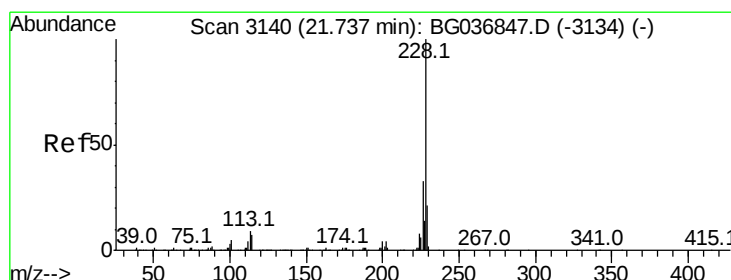
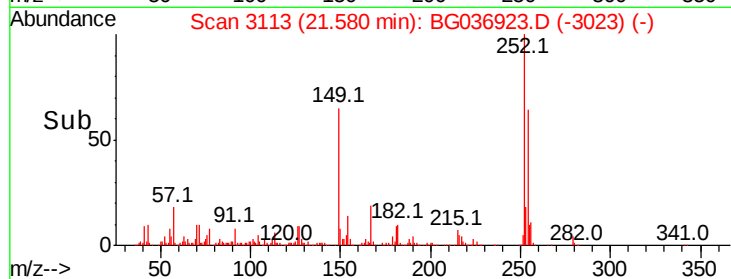
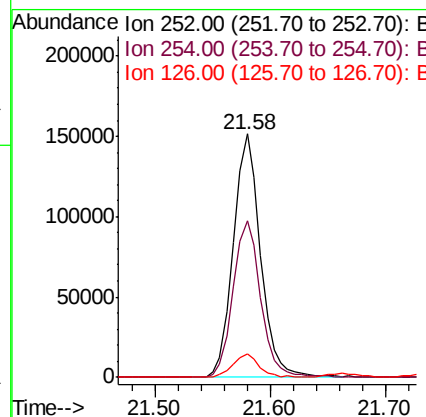
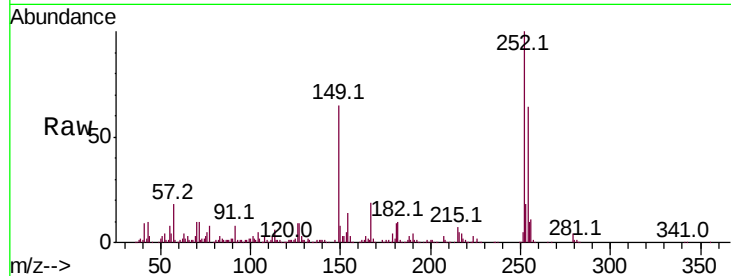
#81
 3,3'-Dichlorobenzidine
 Concen: 32.768 ng
 RT: 21.58 min Scan# 3113
 Delta R.T. -0.00 min
 Lab File: BG036923.D
 Acq: 24 Sep 2018 18:31

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-092118-AMS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	247523		
254	64.4	51.0	76.4	
126	9.4	7.4	11.0	

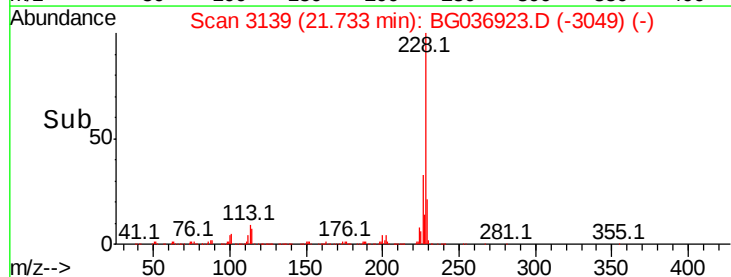
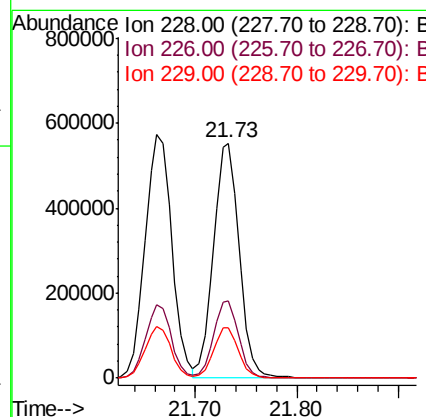
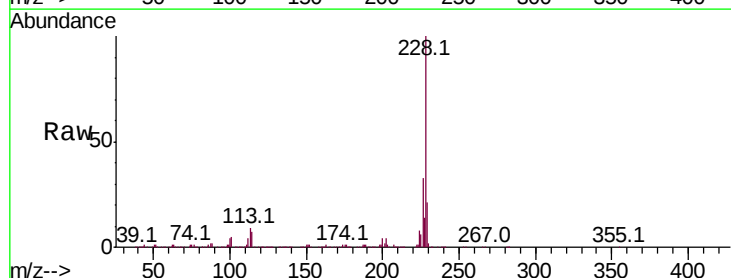
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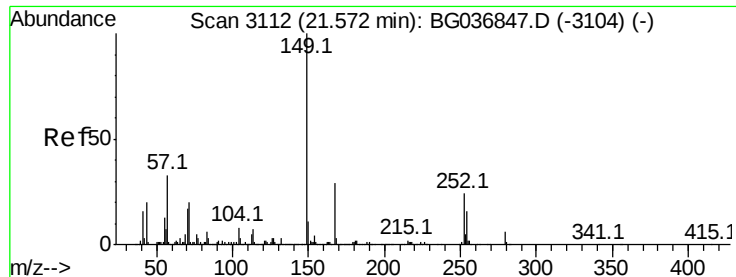
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#82
 Chrysene
 Concen: 50.553 ng
 RT: 21.73 min Scan# 3139
 Delta R.T. -0.00 min
 Lab File: BG036923.D
 Acq: 24 Sep 2018 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	969324		
226	33.1	25.5	38.3	
229	21.3	16.9	25.3	





#83

Bis(2-ethylhexyl)phthalate

Concen: 51.275 ng

RT: 21.56 min Scan# 3110

Delta R.T. -0.01 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

Instrument :

BNA_G

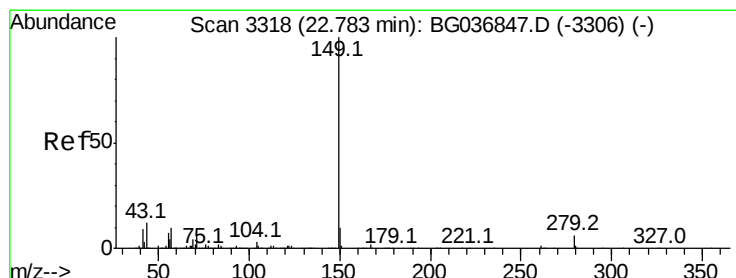
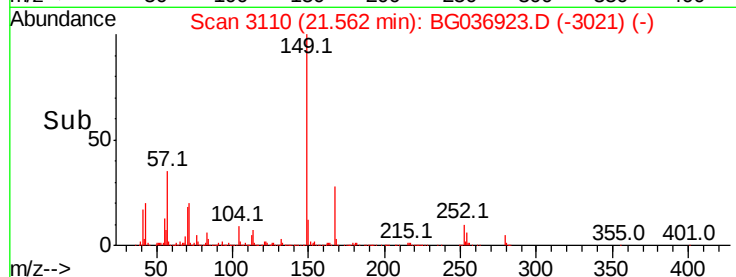
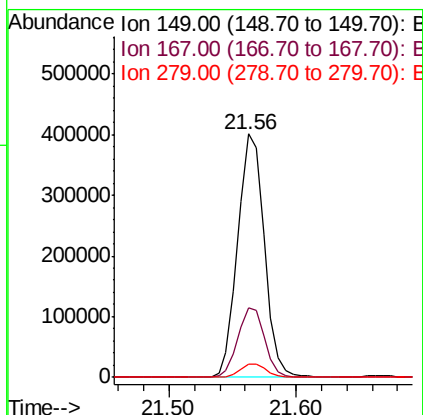
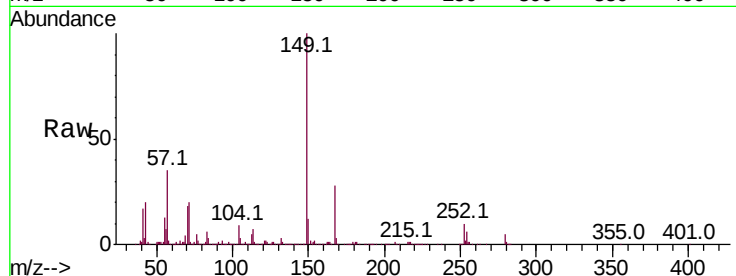
ClientSampleId :

JC-02-092118-AMS

Tot Ion:	149	Resp:	582453
Ion Ratio	Lower	Upper	
149	100		
167	28.5	23.4	35.0
279	5.4	4.6	7.0

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#84

Di-n-octyl phthalate

Concen: 52.899 ng

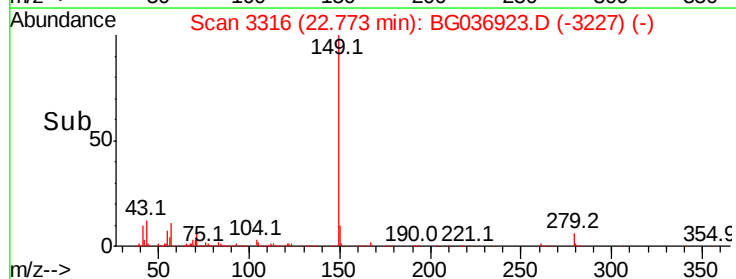
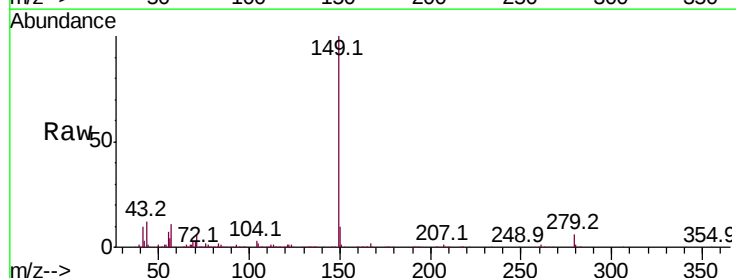
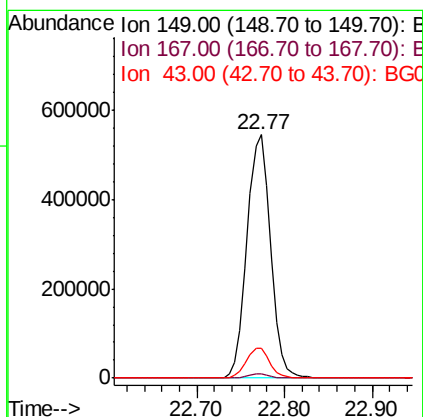
RT: 22.77 min Scan# 3316

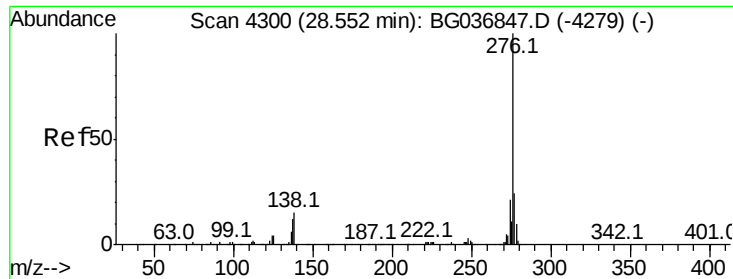
Delta R.T. -0.01 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

Tgt Ion:	149	Resp:	989378
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	12.1	10.0	15.0





#85

Indeno(1,2,3-cd)pyrene

Concen: 58.596 ng

RT: 28.54 min Scan# 4298

Delta R.T. -0.01 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

Instrument :

BNA_G

ClientSampleId :

JC-02-092118-AMS

Tot Ion:276 Resp: 1206500

Ion Ratio Lower Upper

276 100

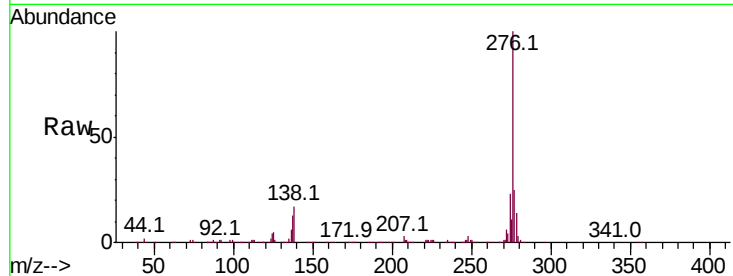
138 20.1 10.6 15.8#

277 25.5 20.6 30.8

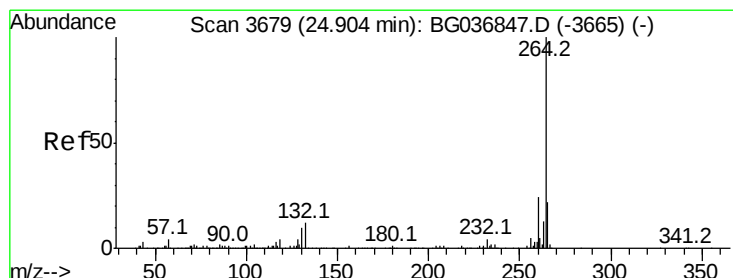
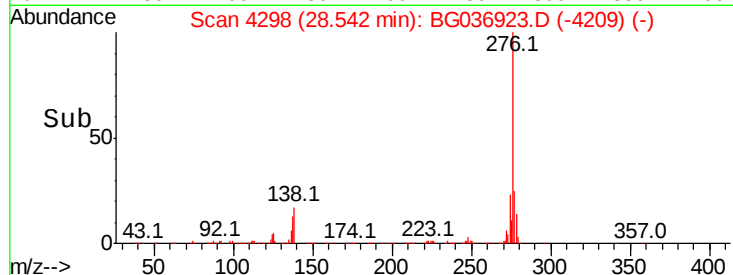
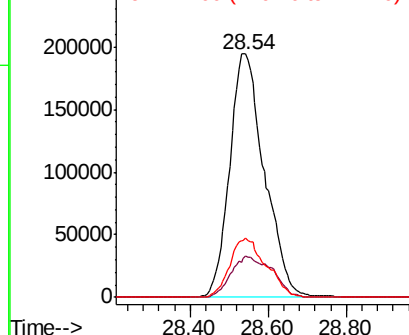
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.89 min Scan# 3676

Delta R.T. -0.02 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

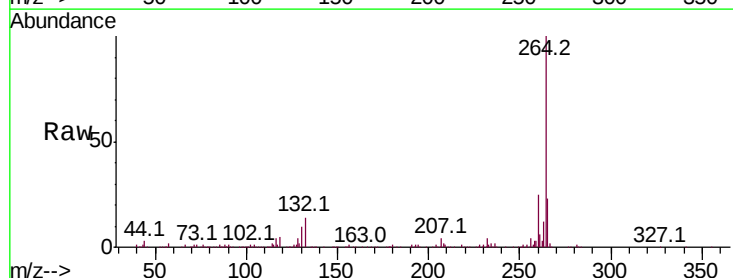
Tgt Ion:264 Resp: 352434

Ion Ratio Lower Upper

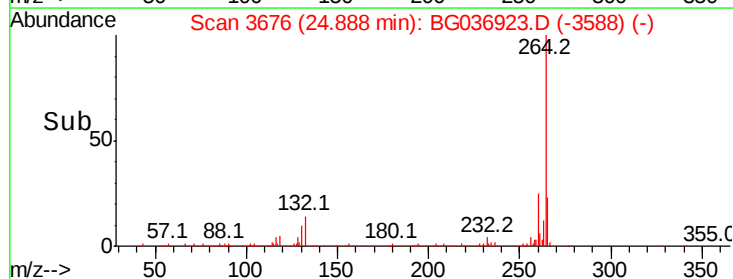
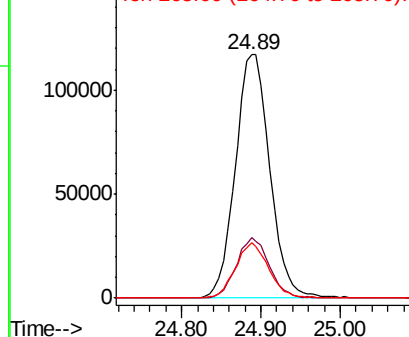
264 100

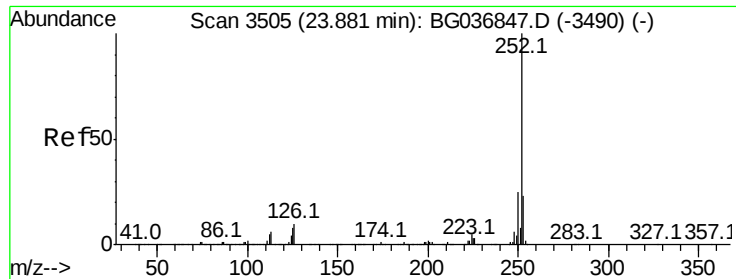
260 24.8 19.6 29.4

265 22.9 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: 55.551 ng

RT: 23.87 min Scan# 3503

Delta R.T. -0.01 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

Instrument :

BNA_G

ClientSampleId :

JC-02-092118-AMS

Tot Ion:252 Resp: 1043368

Ion Ratio Lower Upper

252 100

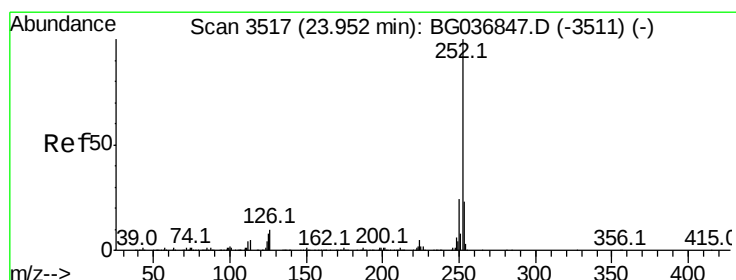
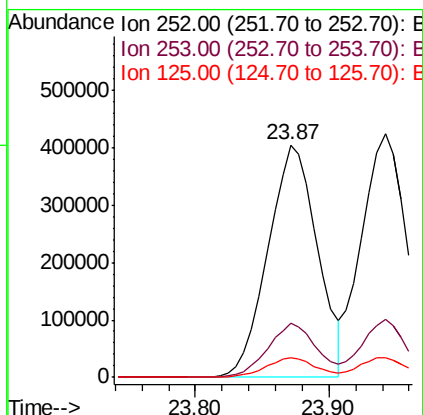
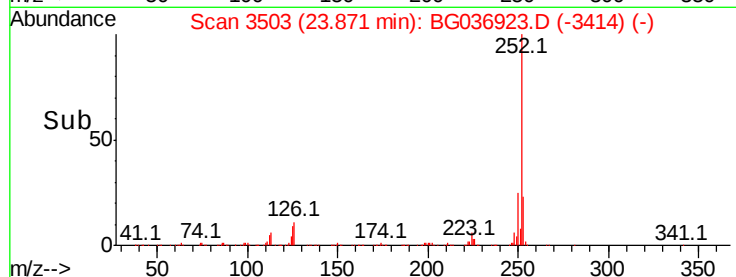
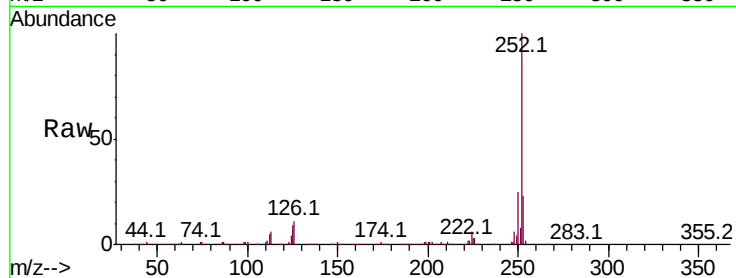
253 23.3 17.1 25.7

125 8.6 6.6 10.0

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#88

Benzo(k)fluoranthene

Concen: 53.476 ng

RT: 23.94 min Scan# 3515

Delta R.T. -0.01 min

Lab File: BG036923.D

Acq: 24 Sep 2018 18:31

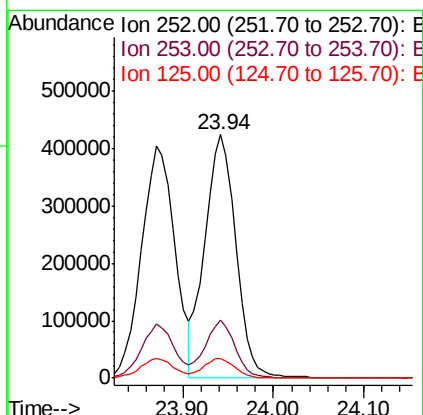
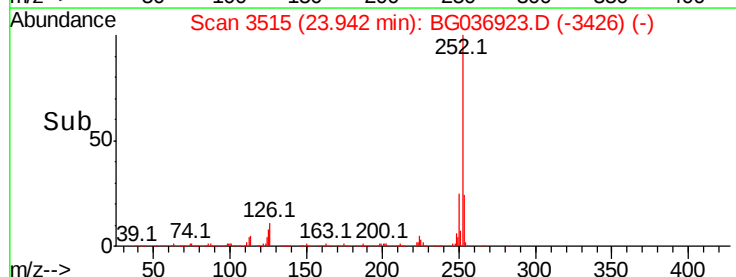
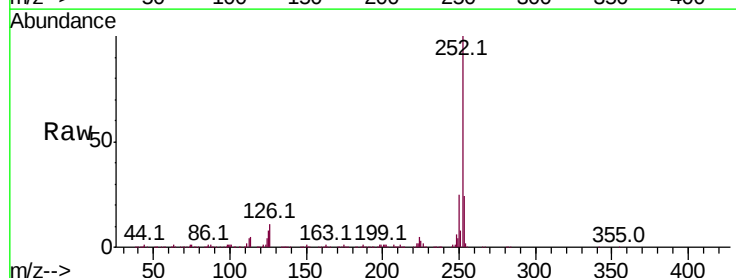
Tgt Ion:252 Resp: 1007670

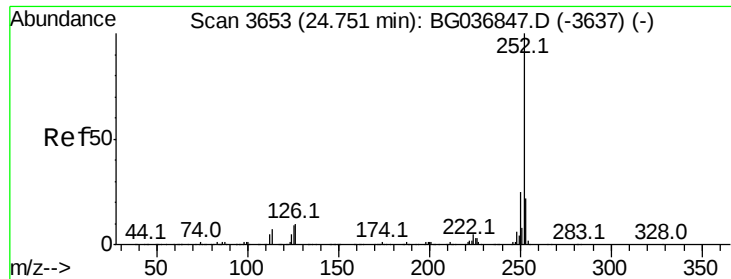
Ion Ratio Lower Upper

252 100

253 23.8 18.0 27.0

125 8.2 7.0 10.6





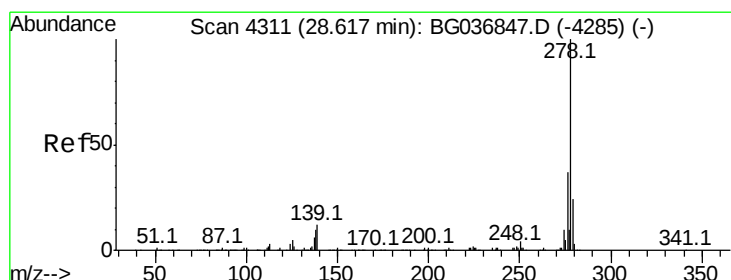
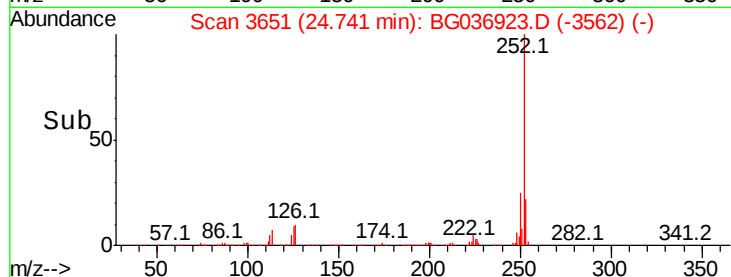
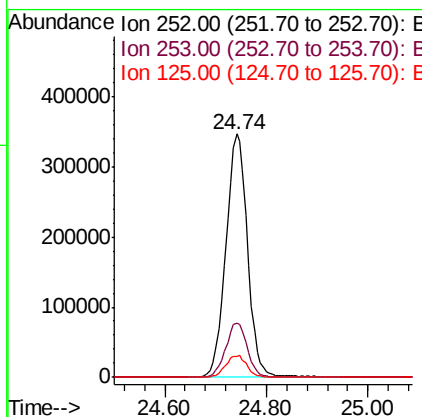
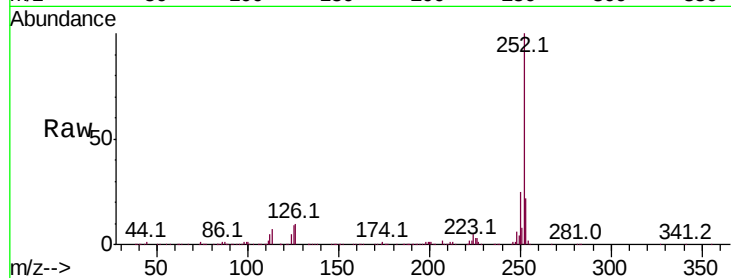
#89
Benzo(a)pyrene
Concen: 56.407 ng
RT: 24.74 min Scan# 3651
Delta R.T. -0.01 min
Lab File: BG036923.D
Acq: 24 Sep 2018 18:31

Instrument :
BNA_G
ClientSampleId :
JC-02-092118-AMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	8.6	7.3	10.9

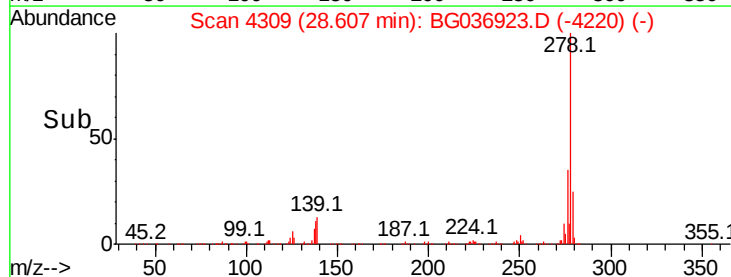
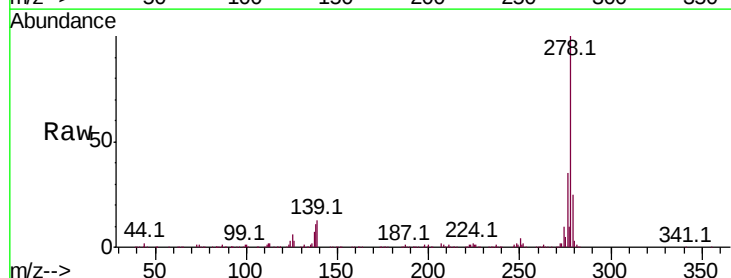
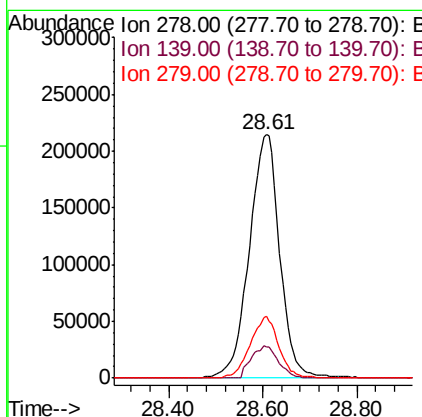
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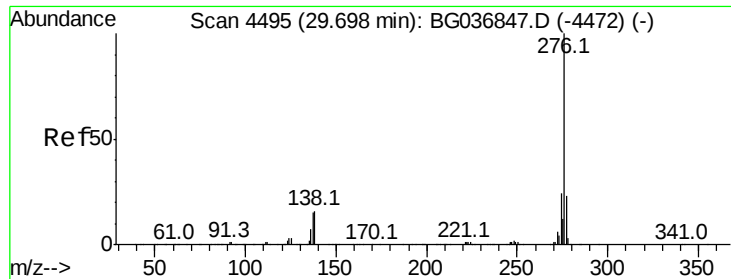
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#90
Dibenzo(a,h)anthracene
Concen: 56.846 ng
RT: 28.61 min Scan# 4309
Delta R.T. -0.01 min
Lab File: BG036923.D
Acq: 24 Sep 2018 18:31

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.9	11.0	16.4
279	25.2	18.7	28.1





#91
 Benzo(a,h,i)perylene
 Concen: 58.528 ng
 RT: 29.69 min Scan# 4493
 Delta R.T. -0.01 min
 Lab File: BG036923.D
 Acq: 24 Sep 2018 18:31

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-092118-AMS

Tot Ion:	276	Resp:	999620
Ion Ratio		Lower	Upper
276	100		
277	24.5	18.4	27.6
138	17.1	14.6	22.0

Manual Integrations
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