

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092818\
 Data File : BG037058.D
 Acq On : 28 Sep 2018 20:22
 Operator : JU/SJ
 Sample : J4771-06MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-092718MSD

Manual Integrations
 APPROVED

Sohil
 10/1/2018 4:20:43 PM

Quant Time: Oct 01 02:23:49 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	47162	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	193934	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	123229	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	310069	20.00	ng	0.00
75) Chrysene-d12	21.68	240	309551	20.00	ng	-0.01
86) Perylene-d12	24.88	264	324454	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	291912	118.70	ng	0.00
7) Phenol-d6	7.21	99	363961	95.66	ng	0.00
23) Nitrobenzene-d5	9.20	82	301718	83.31	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	177042	120.08	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	628974	76.02	ng	-0.01
78) Terphenyl-d14	20.02	244	1083548	92.04	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	46162	41.022	ng	# 86
3) Pyridine	3.93	79	110945	34.146	ng	96
4) n-Nitrosodimethylamine	3.84	42	72605	50.277	ng	# 94
6) Aniline	7.36	93	134324	27.208	ng	99
8) 2-Chlorophenol	7.61	128	134019	46.935	ng	96
9) Benzaldehyde	7.18	77	75272	29.939	ng	98
10) Phenol	7.23	94	153183	39.010	ng	95
11) bis(2-Chloroethyl)ether	7.46	93	146151	40.237	ng	98
12) 1,3-Dichlorobenzene	7.93	146	136782	39.073	ng	98
13) 1,4-Dichlorobenzene	8.08	146	140339	39.174	ng	98
14) 1,2-Dichlorobenzene	8.39	146	137723	39.671	ng	96
15) Benzyl Alcohol	8.28	79	128229	41.535	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.56	45	294495	42.231	ng	98
17) 2-Methylphenol	8.48	107	113614	41.537	ng	96
18) Hexachloroethane	9.12	117	55110	41.802	ng	97
19) n-Nitroso-di-n-propylamine	8.85	70	125606	39.684	ng	97
20) 3+4-Methylphenols	8.81	107	160299	42.126	ng	98
22) Acetophenone	8.86	105	218614	47.969	ng	# 95
24) Nitrobenzene	9.24	77	182722	47.247	ng	98
25) Isophorone	9.76	82	349954	52.885	ng	99
26) 2-Nitrophenol	9.96	139	74045	48.034	ng	96
27) 2,4-Dimethylphenol	10.01	122	127752	53.202	ng	96
28) bis(2-Chloroethoxy)methane	10.25	93	194863	47.724	ng	97
29) 2,4-Dichlorophenol	10.49	162	138431	49.731	ng	94
30) 1,2,4-Trichlorobenzene	10.71	180	147427	42.321	ng	98
31) Naphthalene	10.90	128	436582	47.313	ng	99
32) Benzoic acid	10.15	122	54138m	31.678	ng	
33) 4-Chloroaniline	11.01	127	40743	9.711	ng	95
34) Hexachlorobutadiene	11.18	225	99762	41.412	ng	97
35) Caprolactam	11.78	113	38024m	33.189	ng	
36) 4-Chloro-3-methylphenol	12.12	107	163329	49.175	ng	97
37) 2-Methylnaphthalene	12.49	142	334308	47.569	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	187389	43.599	ng	98
40) Hexachlorocyclopentadiene	12.84	237	220663	99.826	ng	97

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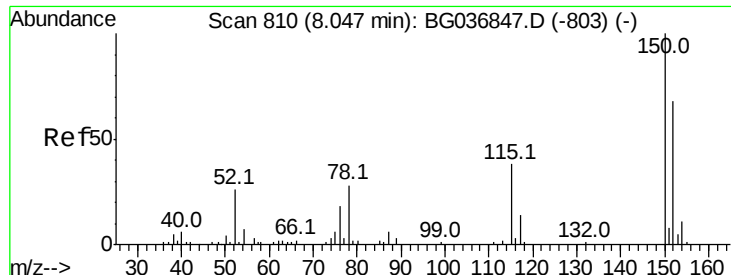
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	118484	49.643	nq	97
43) 2,4,5-Trichlorophenol	13.18	196	132446	52.042	nq	98
45) 1,1'-Biphenyl	13.50	154	438732	46.488	nq	97
46) 2-Chloronaphthalene	13.55	162	332474	44.797	nq	99
47) 2-Nitroaniline	13.75	65	126750	49.375	nq	96
48) Acenaphthylene	14.39	152	577698	49.672	nq	99
49) Dimethylphthalate	14.12	163	461295	46.506	nq	99
50) 2,6-Dinitrotoluene	14.24	165	102369	47.302	nq	98
51) Acenaphthene	14.73	154	328889	46.790	nq	98
52) 3-Nitroaniline	14.57	138	65927	28.909	nq	96
53) 2,4-Dinitrophenol	14.78	184	87633	85.790	nq	93
54) Dibenzofuran	15.06	168	545514	45.883	nq	99
55) 4-Nitrophenol	14.89	139	137889	94.647	nq	98
56) 2,4-Dinitrotoluene	15.03	165	146604	48.547	nq	90
57) Fluorene	15.71	166	446439	50.238	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.29	232	130842	50.680	nq	97
59) Diethylphthalate	15.48	149	469687	46.948	nq	98
60) 4-Chlorophenyl-phenylether	15.70	204	243708	43.305	nq	98
61) 4-Nitroaniline	15.74	138	109024	45.450	nq	95
62) Azobenzene	16.00	77	479553	49.887	nq	99
64) 4,6-Dinitro-2-methylphenol	15.79	198	79188	48.849	nq	91
65) n-Nitrosodiphenylamine	15.92	169	400995	46.845	nq	98
66) 4-Bromophenyl-phenylether	16.60	248	156127	44.268	nq	99
67) Hexachlorobenzene	16.72	284	158296	43.579	nq	98
68) Atrazine	16.87	200	168422	48.592	nq	98
69) Pentachlorophenol	17.06	266	183124	80.072	nq	99
70) Phenanthrene	17.45	178	738191	49.404	nq	98
71) Anthracene	17.55	178	770273	52.134	nq	100
72) Carbazole	17.82	167	673206	46.733	nq	99
73) Di-n-butylphthalate	18.36	149	804004	50.257	nq	99
74) Fluoranthene	19.46	202	904406	50.284	nq	99
76) Benzidine	19.64	184	138692	14.821	nq	98
77) Pyrene	19.82	202	901371	48.524	nq	100
79) Butylbenzylphthalate	20.70	149	384763	51.966	nq	97
80) Benzo(a)anthracene	21.66	228	896779	49.628	nq	99
81) 3,3'-Dichlorobenzidine	21.58	252	210633	30.624	nq	97
82) Chrysene	21.72	228	848537	48.601	nq	100
83) Bis(2-ethylhexyl)phthalate	21.56	149	530941	51.331	nq	99
84) Di-n-octyl phthalate	22.76	149	897255	52.686	nq	100
85) Indeno(1,2,3-cd)pyrene	28.53	276	1001930	53.441	nq	# 93
87) Benzo(b)fluoranthene	23.86	252	866642	50.121	nq	97
88) Benzo(k)fluoranthene	23.93	252	877393	50.578	nq	99
89) Benzo(a)pyrene	24.74	252	861516	51.537	nq	99
90) Dibenzo(a,h)anthracene	28.59	278	808529	51.608	nq	99
91) Benzo(g,h,i)perylene	29.67	276	824011	52.407	nq	98

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



#1

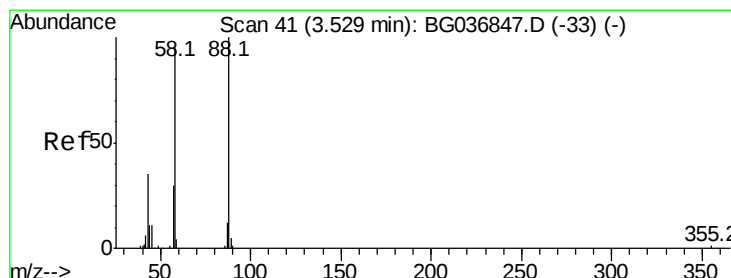
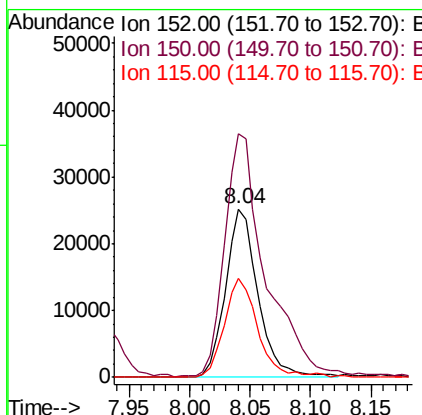
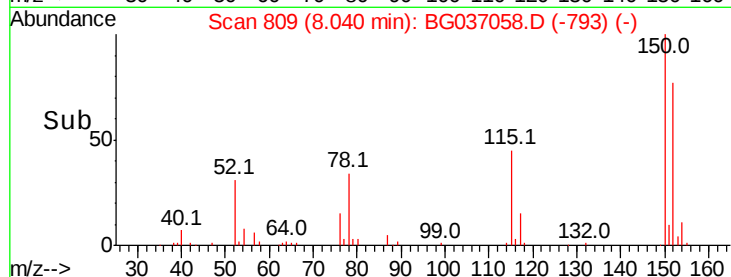
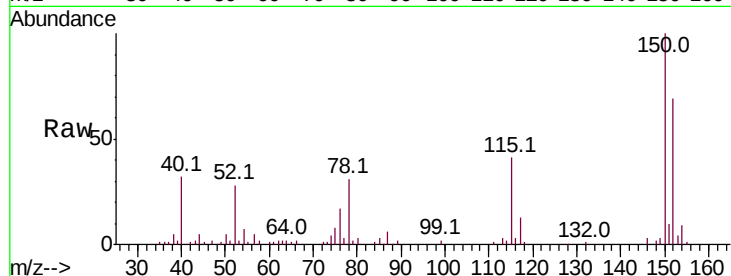
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG037058.D
Acq: 28 Sep 2018 20:22

Instrument :
BNA_G
ClientSampleId :
NB-08-092718MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.3	119.5	179.3
115	58.7	44.5	66.7

Manual Integrations
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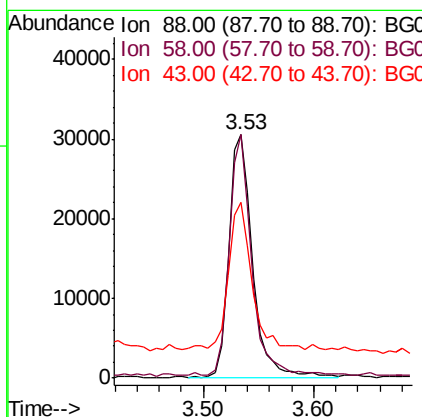
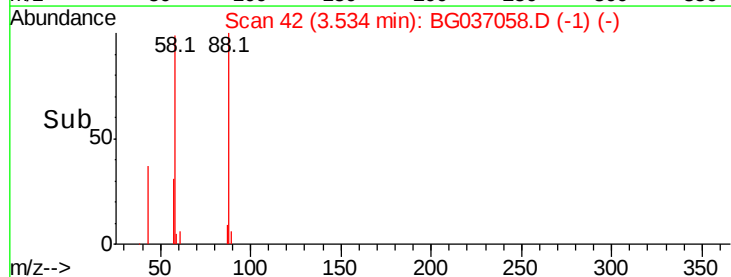
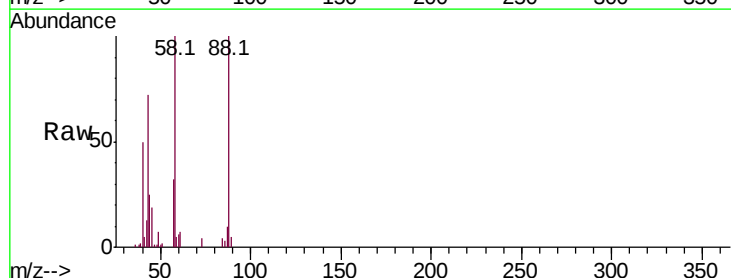
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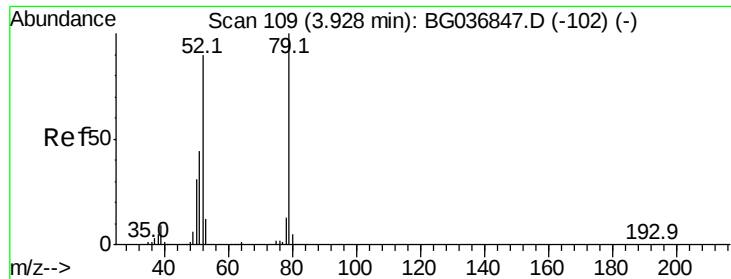


#2

1,4-Dioxane
Concen: 41.022 ng
RT: 3.53 min Scan# 42
Delta R.T. 0.01 min
Lab File: BG037058.D
Acq: 28 Sep 2018 20:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	93.4	72.6	109.0
43	60.4	29.0	43.4#





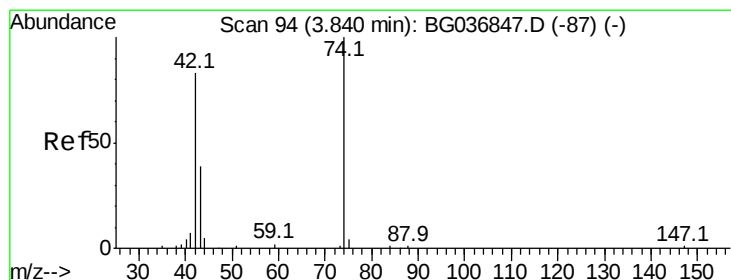
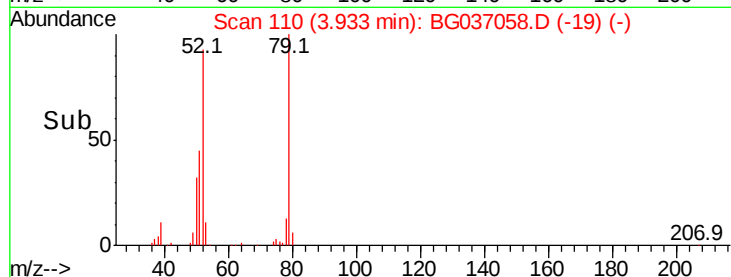
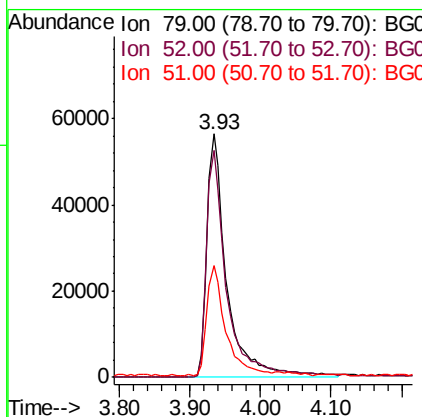
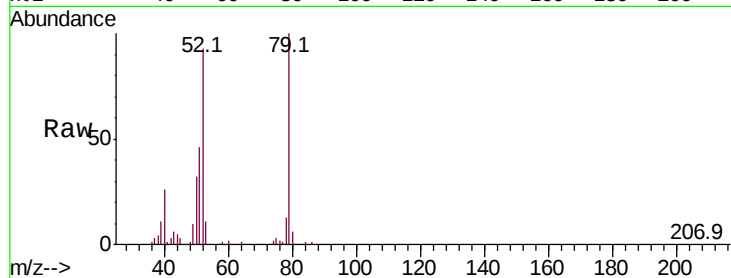
#3
 Pvridine
 Concen: 34.146 ng
 RT: 3.93 min Scan# 110
 Delta R.T. 0.01 min
 Lab File: BG037058.D
 Acq: 28 Sep 2018 20:22

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-092718MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	93.3	72.3	108.5
51	46.0	33.8	50.6

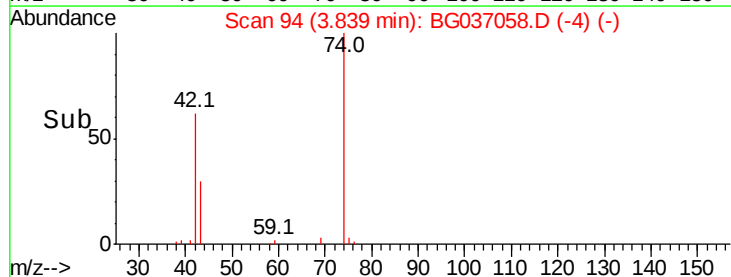
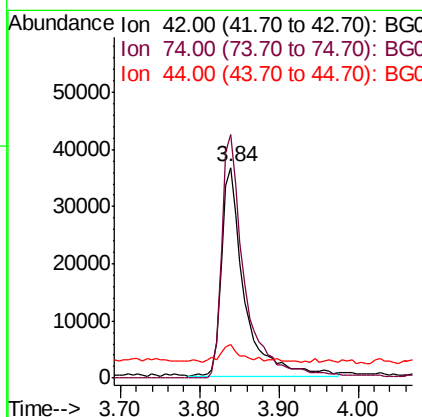
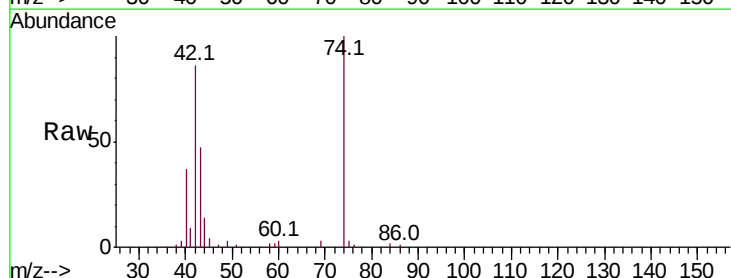
Manual Integrations
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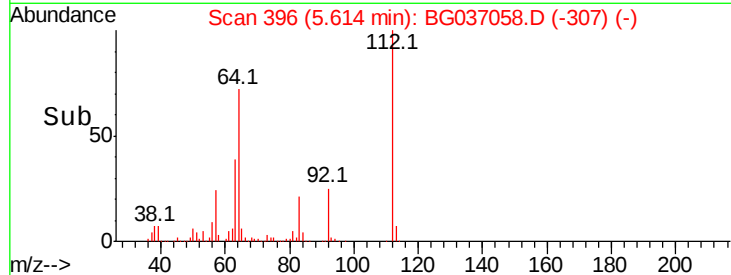
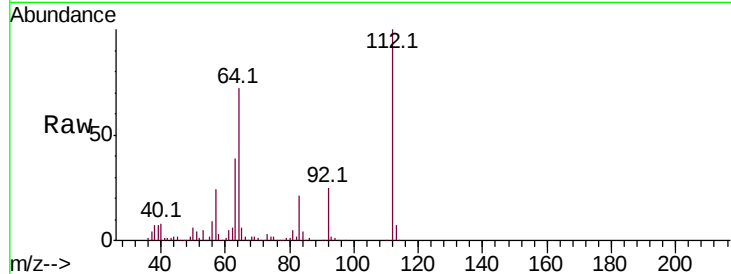
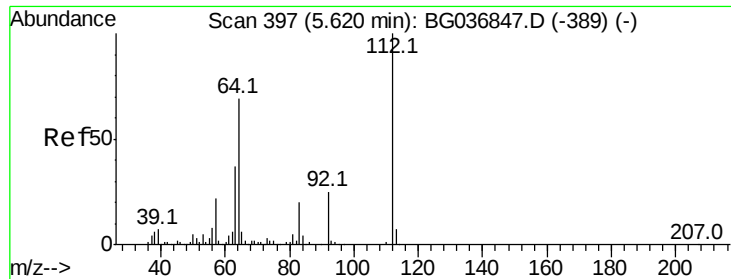
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#4
 n-Nitrosodimethylamine
 Concen: 50.277 ng
 RT: 3.84 min Scan# 94
 Delta R.T. -0.00 min
 Lab File: BG037058.D
 Acq: 28 Sep 2018 20:22

Tgt Ion	Ratio	Lower	Upper
42	100		
74	115.7	96.6	145.0
44	16.2	7.0	10.4





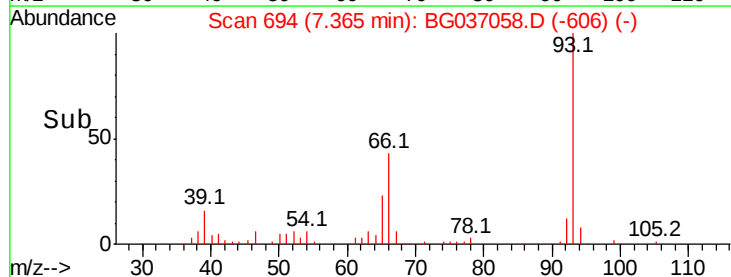
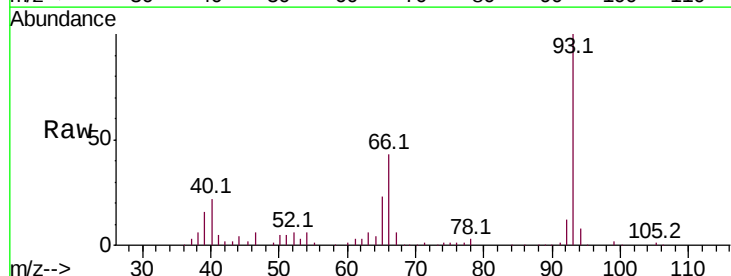
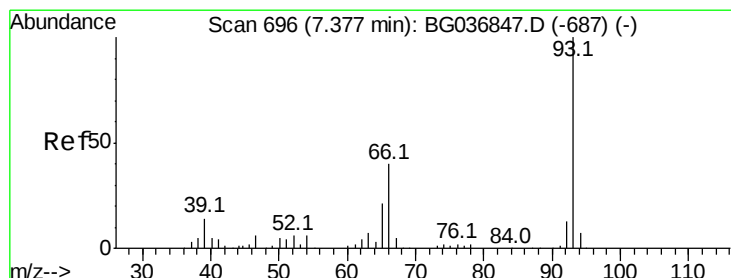
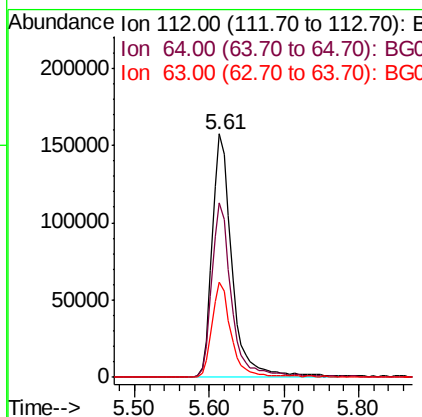
#5
2-Fluorophenol
Concen: 118.702 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG037058.D
Acq: 28 Sep 2018 20:22

Tot Ion	Ratio	Resp	Lower	Upper
112	100	291912		
64	71.8	57.2	85.8	
63	39.0	30.8	46.2	

Instrument :
BNA_G
ClientSampleId :
NB-08-092718MSD

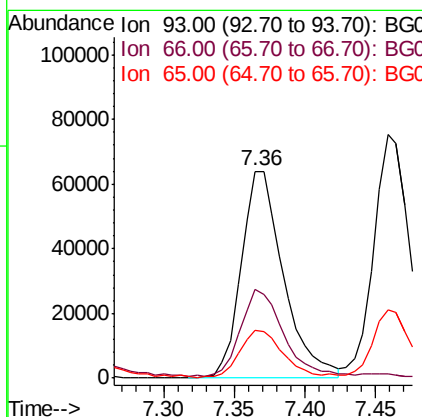
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#6
Aniline
Concen: 27.208 ng
RT: 7.36 min Scan# 694
Delta R.T. -0.01 min
Lab File: BG037058.D
Acq: 28 Sep 2018 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	134324		
66	43.2	35.0	52.4	
65	23.1	17.6	26.4	





#7

Phenol-d6

Concen: 95.659 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG037058.D

Acq: 28 Sep 2018 20:22

Instrument :

BNA_G

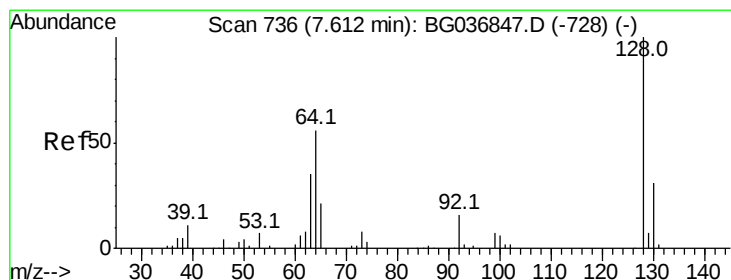
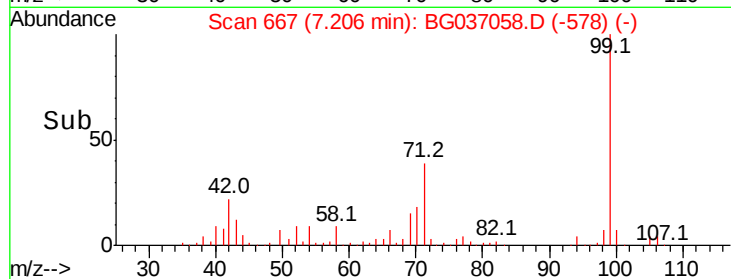
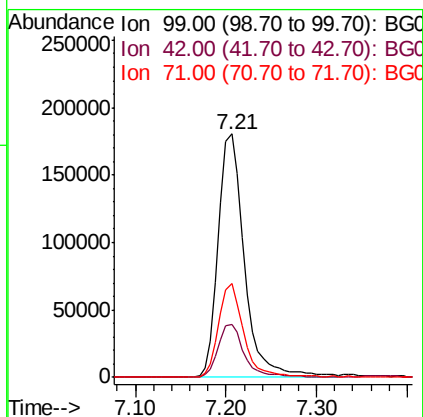
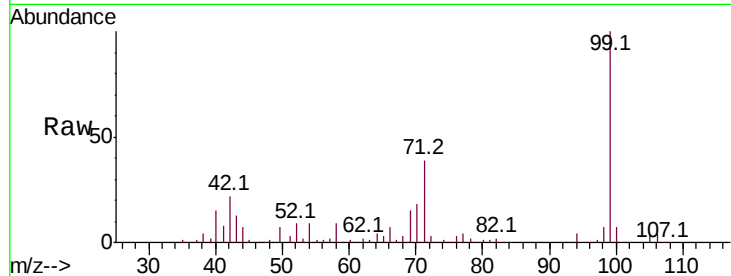
ClientSampleId :

NB-08-092718MSD

Tot Ion:	99	Resp:	363961
Ion Ratio	Lower	Upper	
99	100		
42	22.0	16.5	24.7
71	38.7	29.4	44.2

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#8

2-Chlorophenol

Concen: 46.935 ng

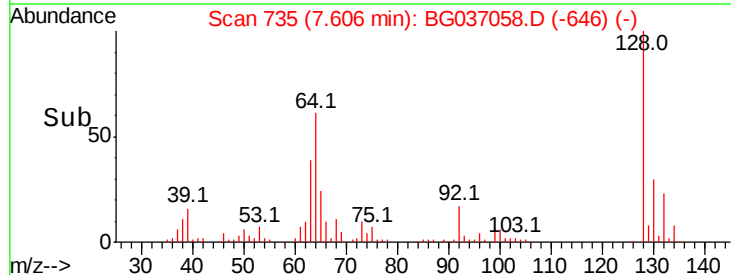
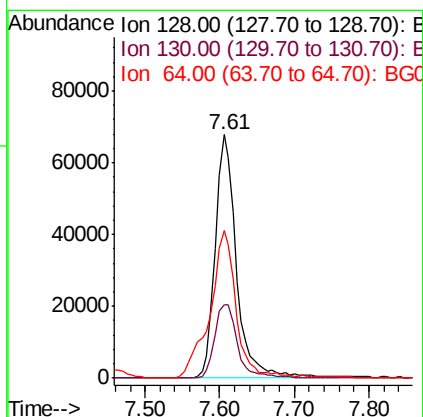
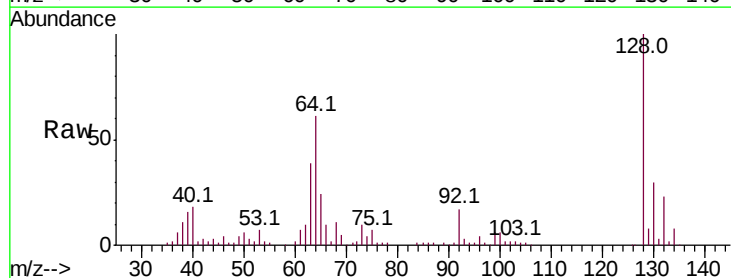
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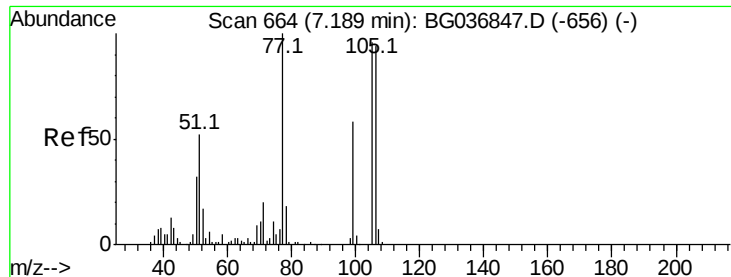
Delta R.T. -0.01 min

Lab File: BG037058.D

Acq: 28 Sep 2018 20:22

Tgt Ion:	128	Resp:	134019
Ion Ratio	Lower	Upper	
128	100		
130	30.4	10.0	50.0
64	60.6	36.0	76.0





#9

Benzaldehyde

Concen: 29.939 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG037058.D

Acq: 28 Sep 2018 20:22

Instrument :

BNA_G

ClientSampleId :

NB-08-092718MSD

Tot Ion: 77 Resp: 75272

Ion Ratio Lower Upper

77 100

105 91.2 70.5 110.5

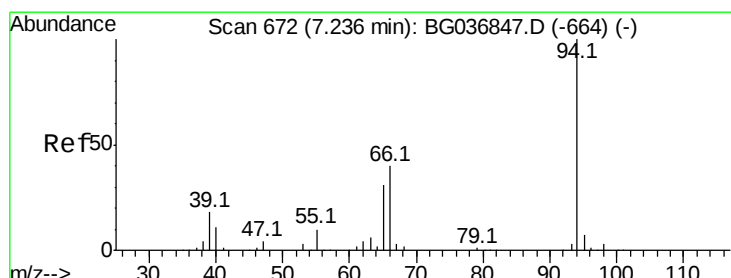
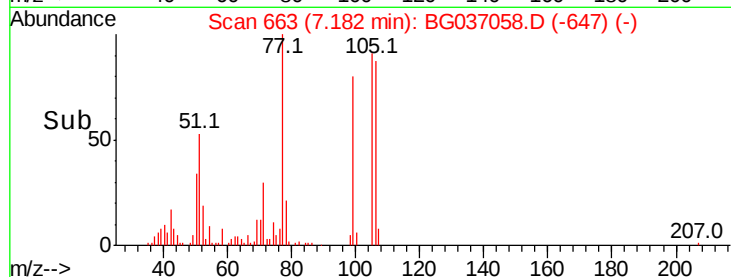
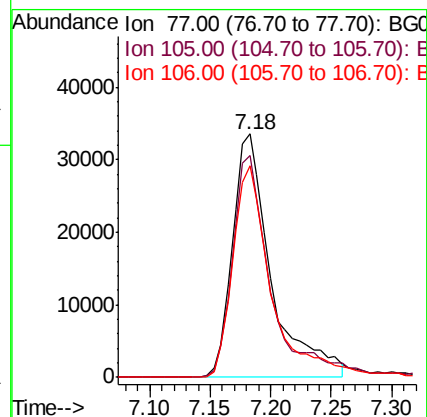
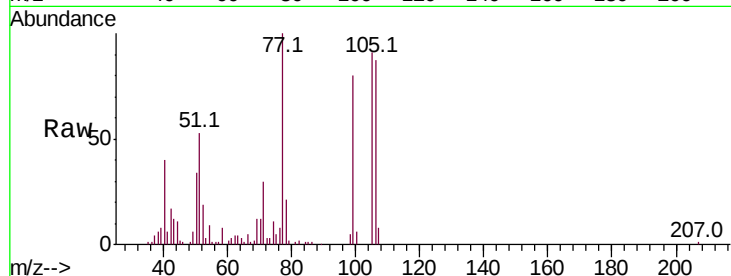
106 87.0 69.8 109.8

Manual Integrations

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#10

Phenol

Concen: 39.010 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.01 min

Lab File: BG037058.D

Acq: 28 Sep 2018 20:22

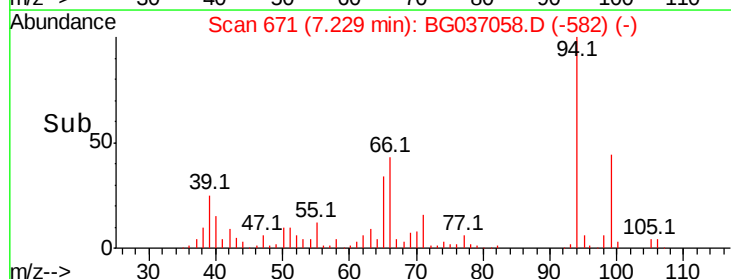
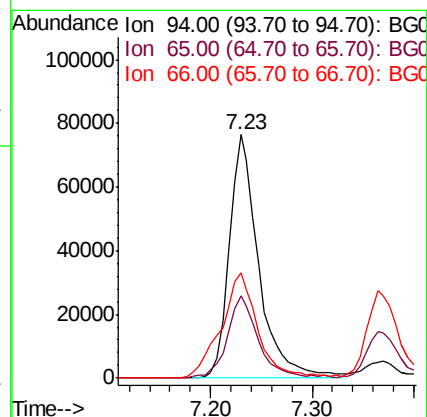
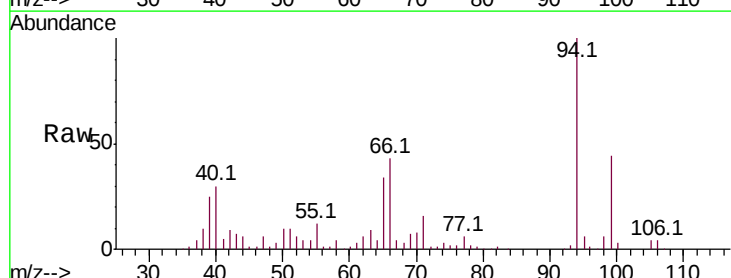
Tgt Ion: 94 Resp: 153183

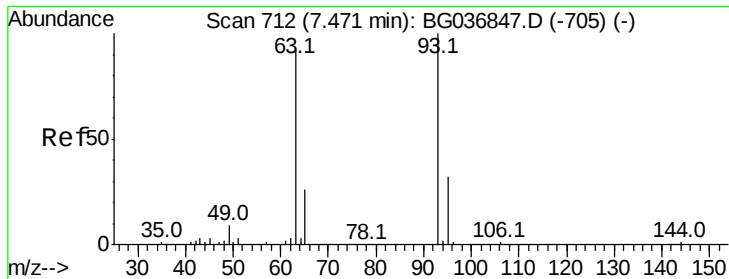
Ion Ratio Lower Upper

94 100

65 33.6 11.5 51.5

66 43.3 19.5 59.5





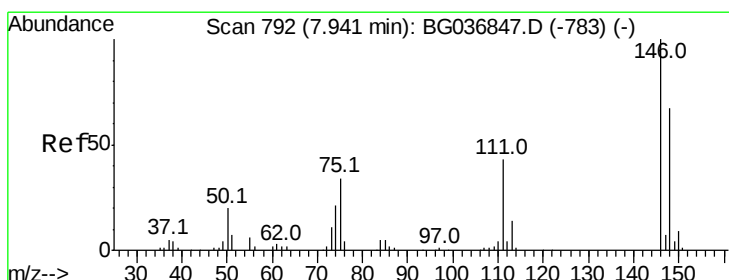
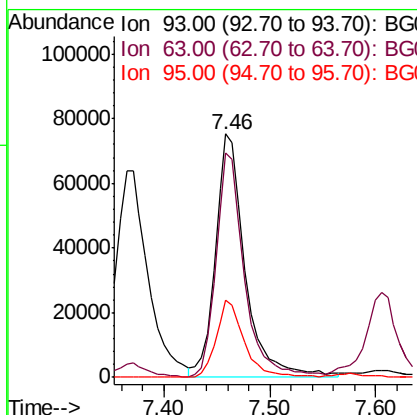
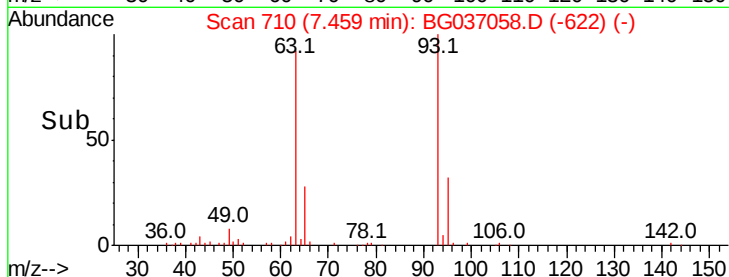
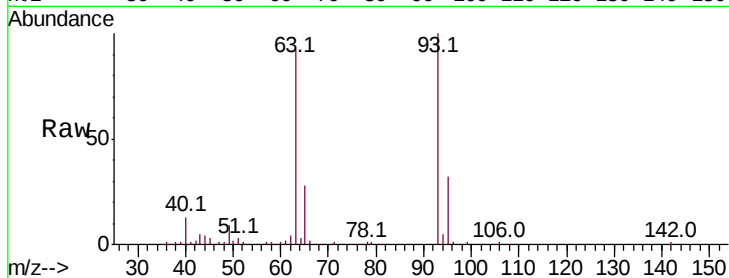
#11
bis(2-Chloroethyl)ether
Concen: 40.237 ng
RT: 7.46 min Scan# 710
Delta R.T. -0.01 min
Lab File: BG037058.D
Acq: 28 Sep 2018 20:22

Instrument :
BNA_G
ClientSampleId :
NB-08-092718MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	92.0	69.9	109.9
95	31.9	11.7	51.7

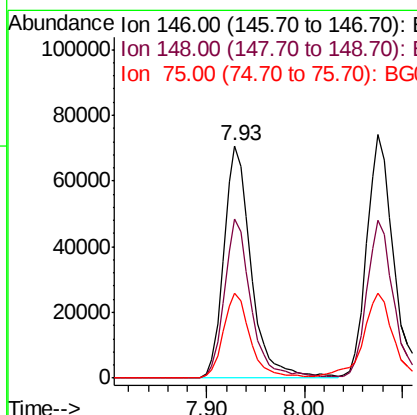
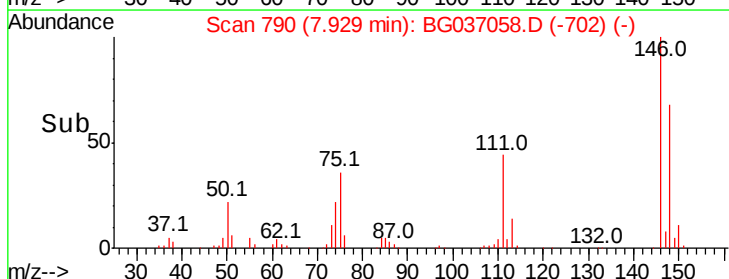
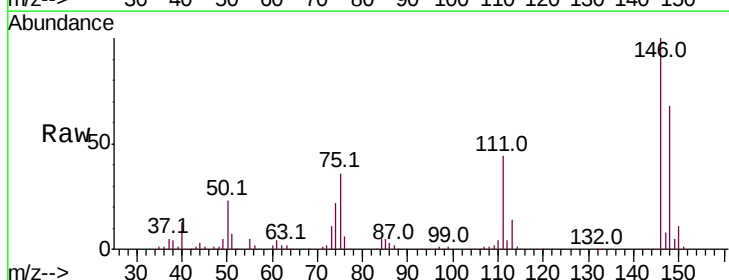
Manual Integrations
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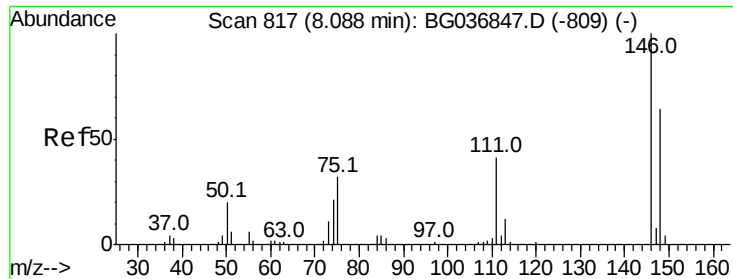
Sohil
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#12
1,3-Dichlorobenzene
Concen: 39.073 ng
RT: 7.93 min Scan# 790
Delta R.T. -0.01 min
Lab File: BG037058.D
Acq: 28 Sep 2018 20:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.5	53.8	80.6
75	36.3	27.2	40.8





#13

1,4-Dichlorobenzene

Concen: 39.174 ng

RT: 8.08 min Scan# 815

Delta R.T. -0.01 min

Lab File: BG037058.D

Acq: 28 Sep 2018 20:22

Instrument :

BNA_G

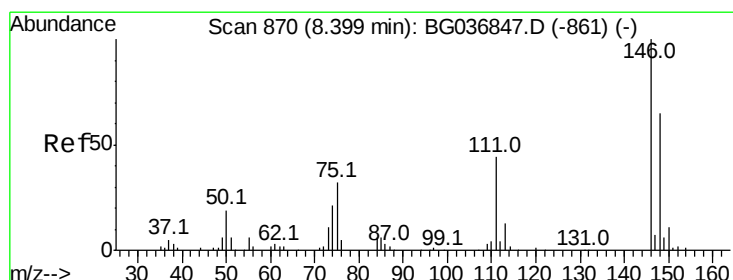
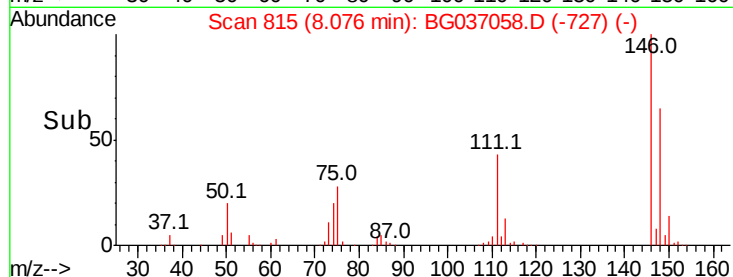
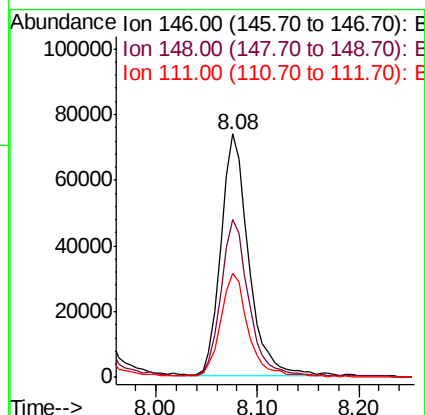
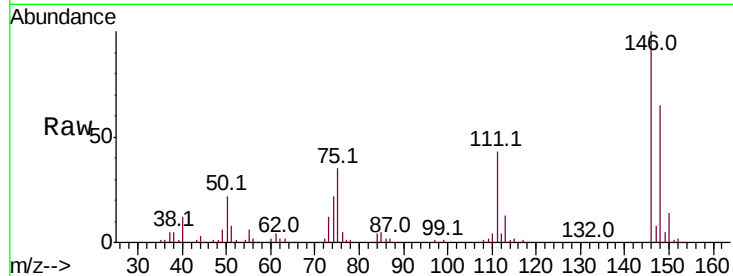
ClientSampleId :

NB-08-092718MSD

Tot Ion:	146	Resp:	140339
Ion Ratio	Lower	Upper	
146	100		
148	64.9	53.9	80.9
111	42.5	33.8	50.6

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#14

1,2-Dichlorobenzene

Concen: 39.671 ng

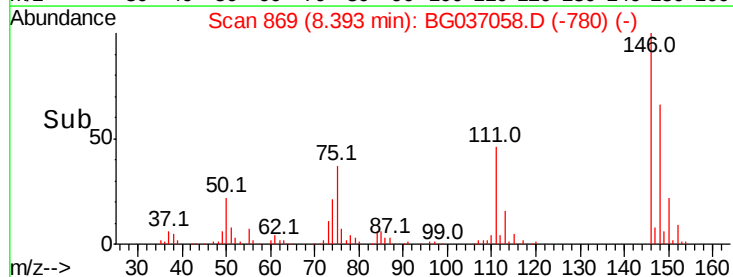
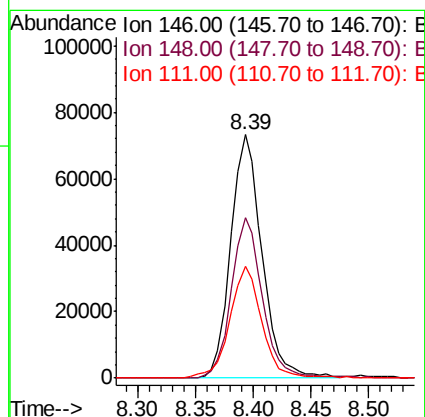
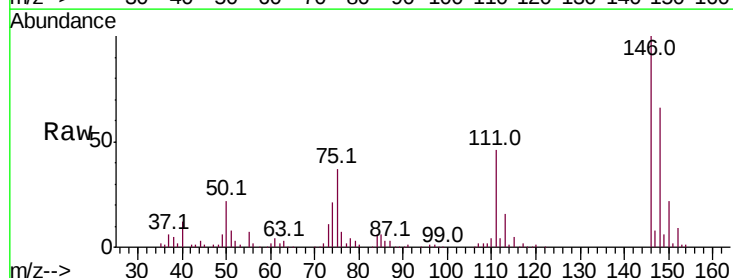
RT: 8.39 min Scan# 869

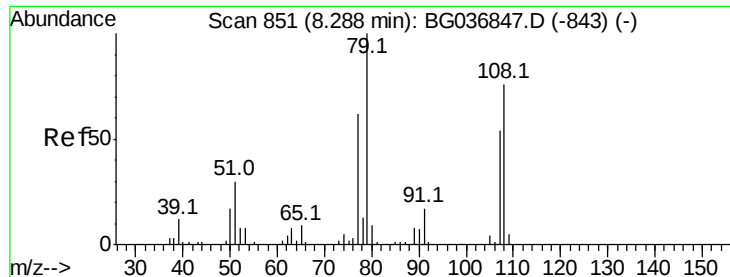
Delta R.T. -0.01 min

Lab File: BG037058.D

Acq: 28 Sep 2018 20:22

Tgt Ion:	146	Resp:	137723
Ion Ratio	Lower	Upper	
146	100		
148	65.9	55.0	82.6
111	46.0	34.6	51.8





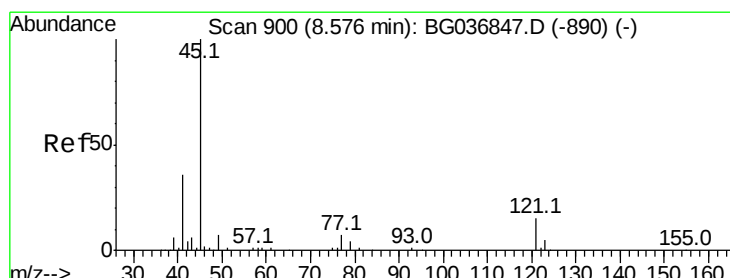
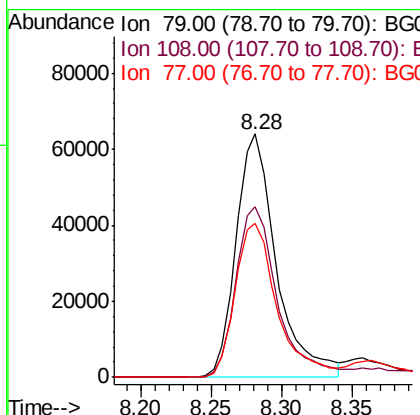
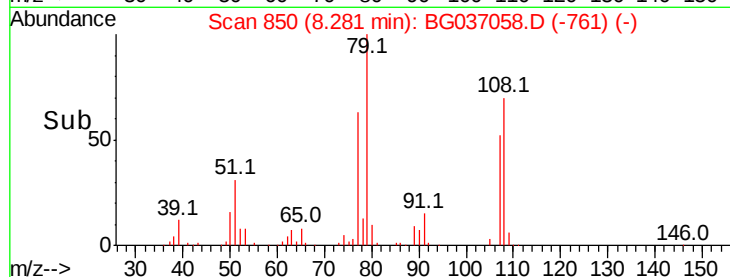
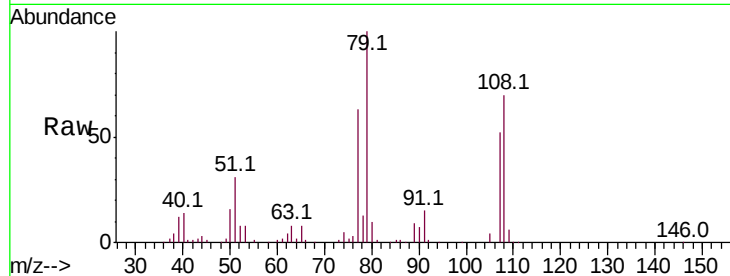
#15
Benzyl Alcohol
Concen: 41.535 ng
RT: 8.28 min Scan# 850
Delta R.T. -0.01 min
Lab File: BG037058.D
Acq: 28 Sep 2018 20:22

Instrument :
BNA_G
ClientSampleId :
NB-08-092718MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	70.3	55.9	83.9
77	63.2	50.0	75.0

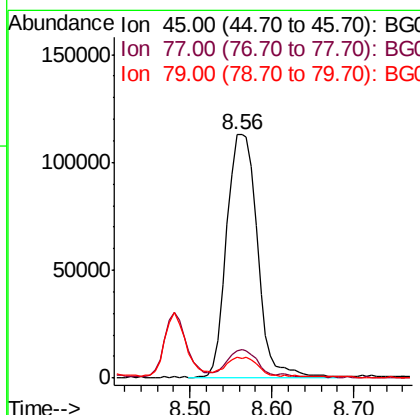
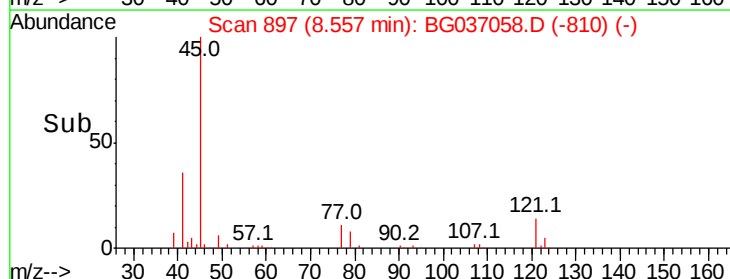
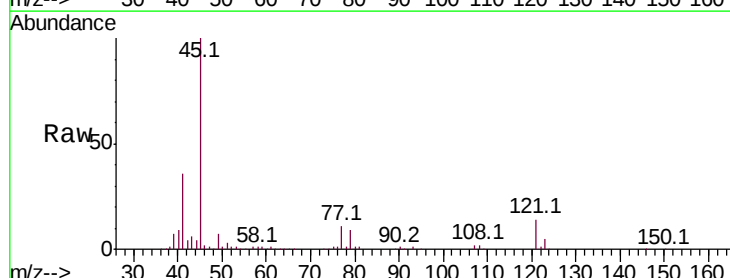
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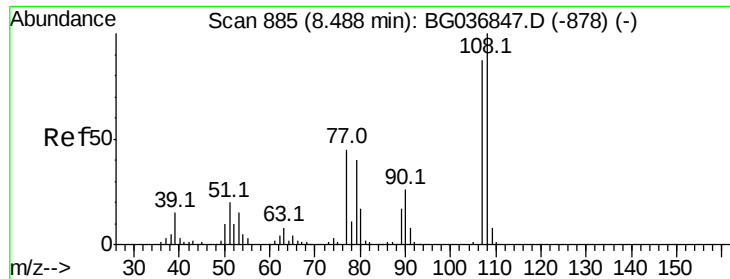
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.231 ng
RT: 8.56 min Scan# 897
Delta R.T. -0.02 min
Lab File: BG037058.D
Acq: 28 Sep 2018 20:22

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.4	0.0	30.5
79	8.5	0.0	27.9





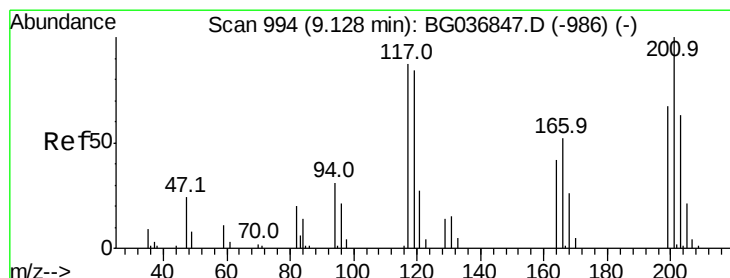
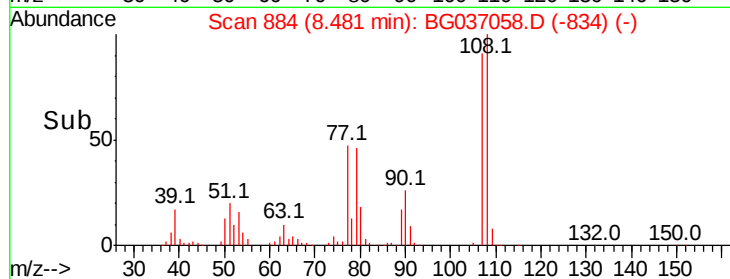
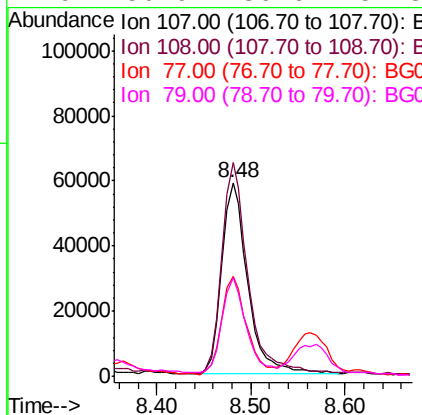
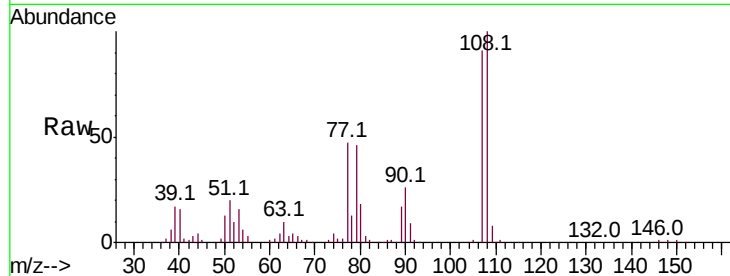
#17
2-Methylphenol
Concen: 41.537 ng
RT: 8.48 min Scan# 884
Delta R.T. -0.01 min
Lab File: BG037058.D
Acq: 28 Sep 2018 20:22

Instrument :
BNA_G
ClientSampleId :
NB-08-092718MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.2	86.7	130.1	
77	51.3	39.0	58.4	
79	50.9	36.6	54.8	

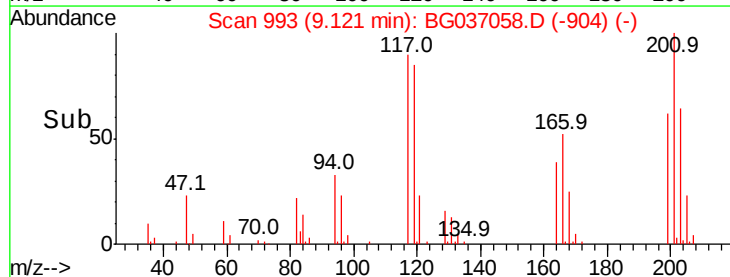
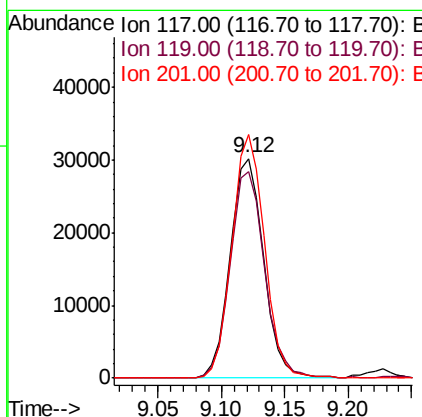
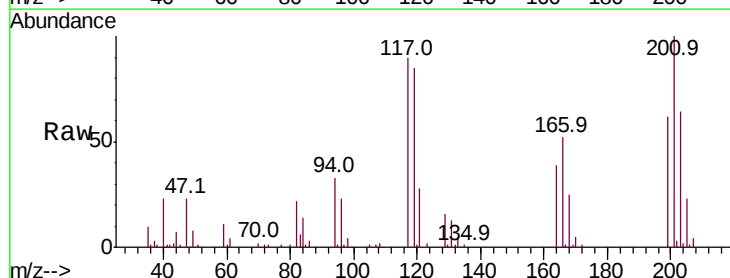
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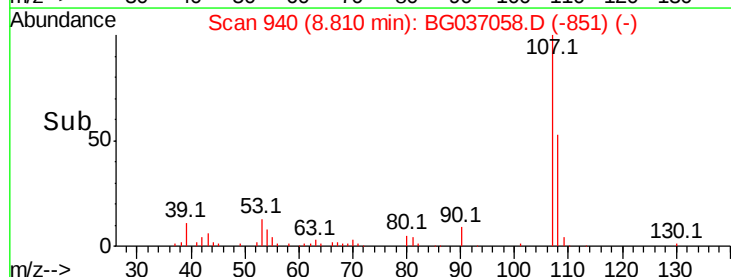
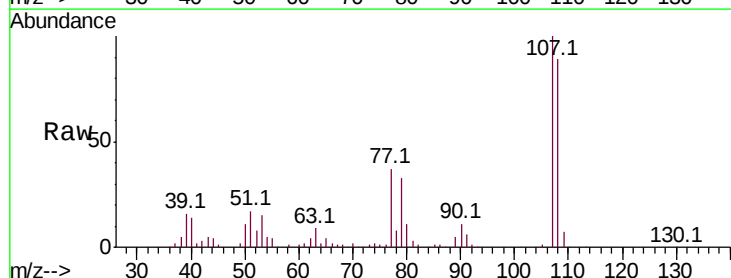
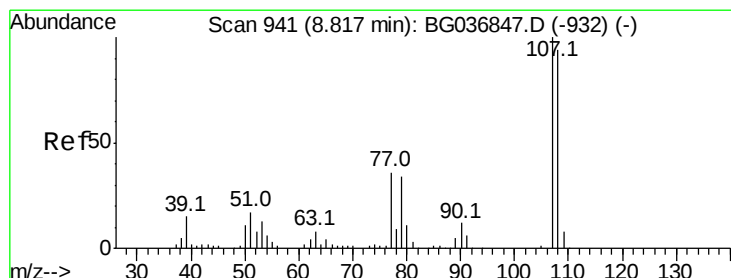
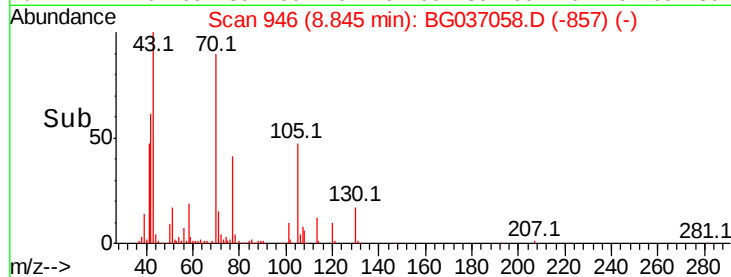
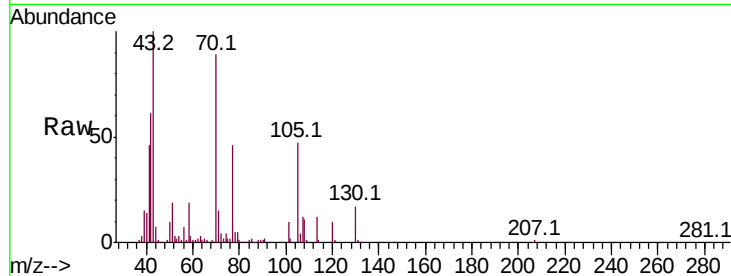
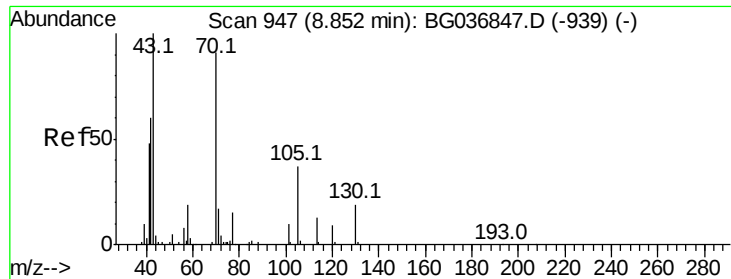
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#18
Hexachloroethane
Concen: 41.802 ng
RT: 9.12 min Scan# 993
Delta R.T. -0.01 min
Lab File: BG037058.D
Acq: 28 Sep 2018 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.1	76.8	115.2	
201	110.9	85.7	128.5	





#19

n-Nitroso-di-n-propylamine

Concen: 39.684 ng

RT: 8.85 min Scan# 946

Delta R.T. -0.01 min

Lab File: BG037058.D

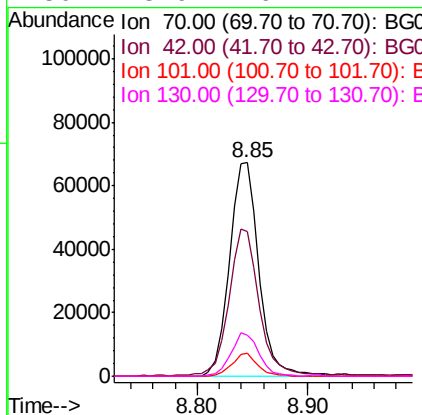
Acq: 28 Sep 2018 20:22

Instrument :
BNA_G
ClientSampleId :
NB-08-092718MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	67.8	56.2	84.4	
101	10.7	7.8	11.6	
130	18.9	16.2	24.2	

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#20

3+4-Methylphenols

Concen: 42.126 ng

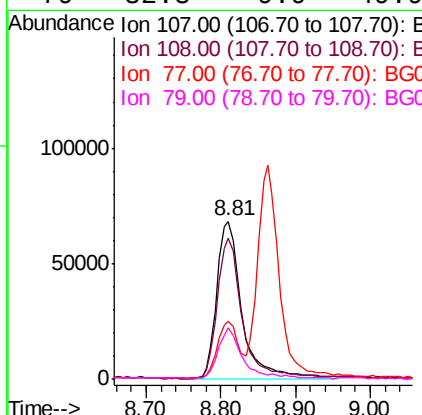
RT: 8.81 min Scan# 940

Delta R.T. -0.01 min

Lab File: BG037058.D

Acq: 28 Sep 2018 20:22

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.8	68.0	108.0	
77	36.5	15.6	55.6	
79	32.8	9.9	49.9	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.84 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BG037058.D

Acq: 28 Sep 2018 20:22

Instrument :

BNA_G

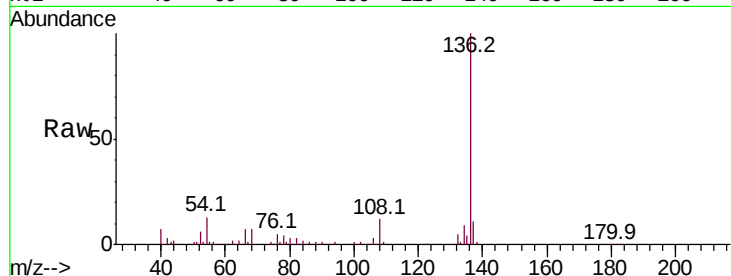
ClientSampleId :

NB-08-092718MSD

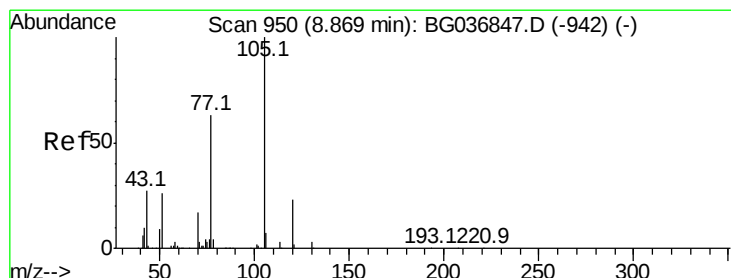
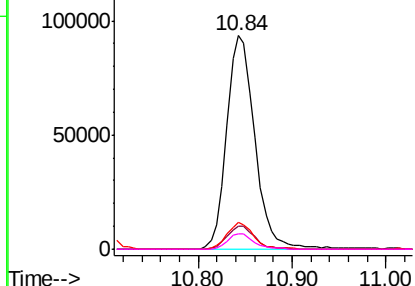
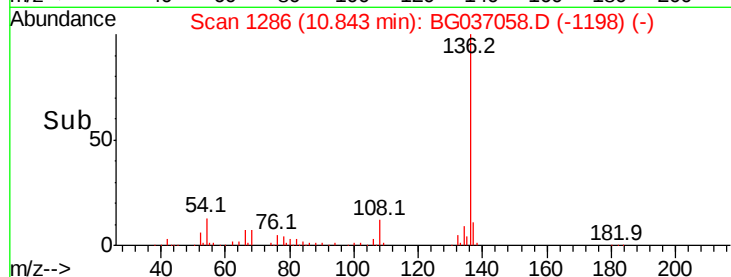
Tot Ion	Ratio	Resp	Lower	Upper
136	100	193934		
137	10.8		8.8	13.2
54	12.7		9.2	13.8
68	7.1		5.8	8.6

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Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 47.969 ng

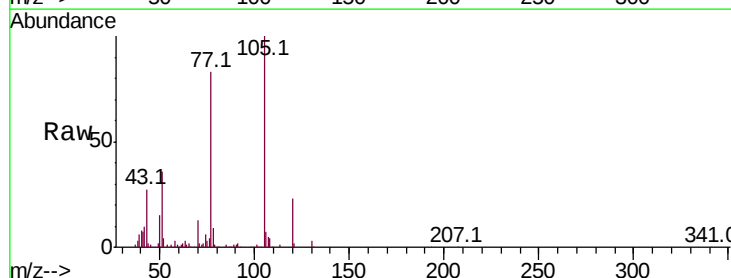
RT: 8.86 min Scan# 949

Delta R.T. -0.01 min

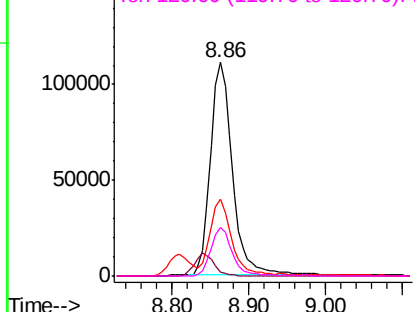
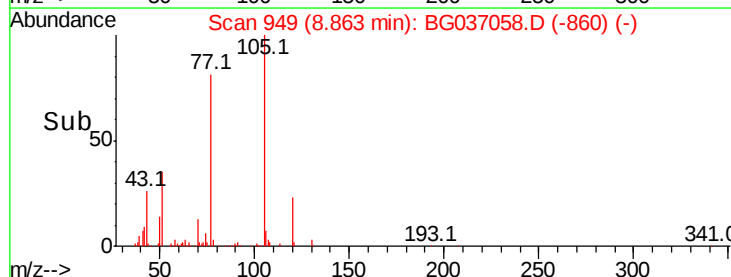
Lab File: BG037058.D

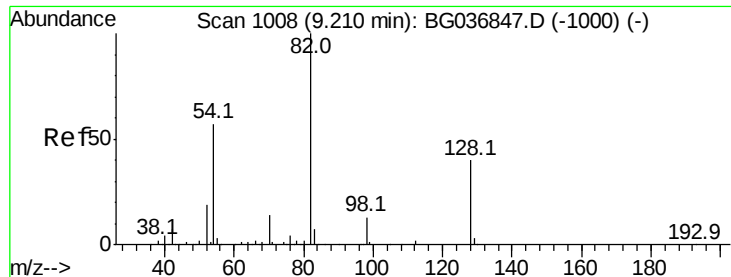
Acq: 28 Sep 2018 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	218614		
71	2.1		2.4	3.6#
51	35.9		25.9	38.9
120	22.6		19.4	29.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





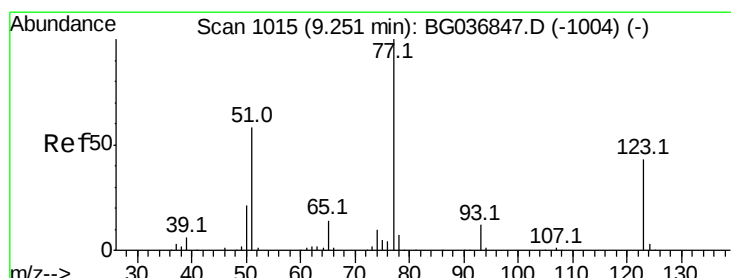
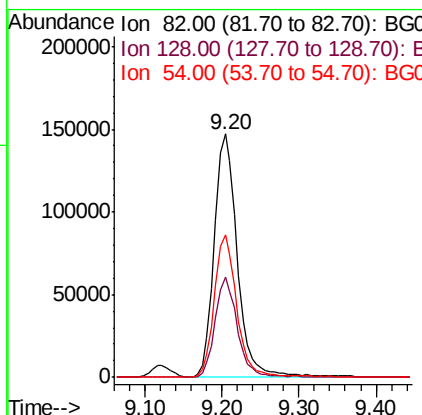
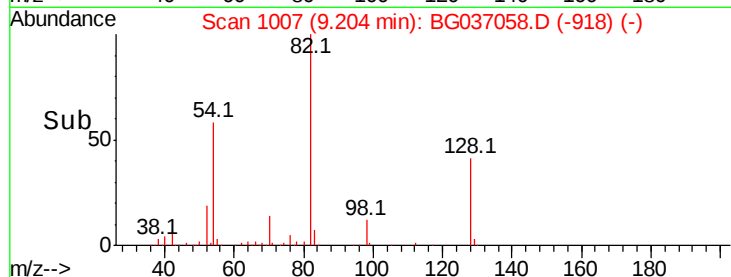
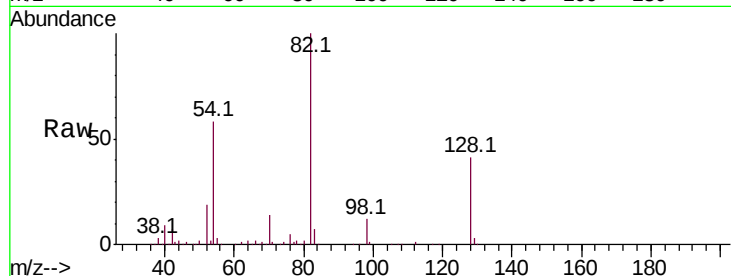
#23
Nitrobenzene-d5
Concen: 83.313 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG037058.D
Acq: 28 Sep 2018 20:22

Instrument :
BNA_G
ClientSampleId :
NB-08-092718MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.1	33.3	49.9
54	58.3	45.1	67.7

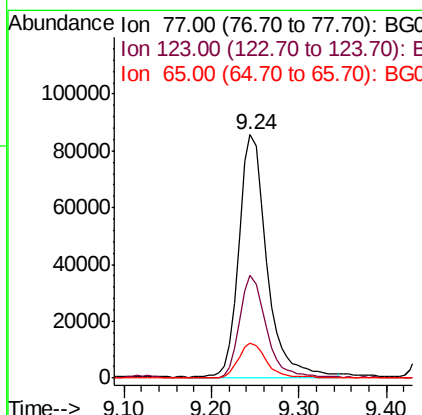
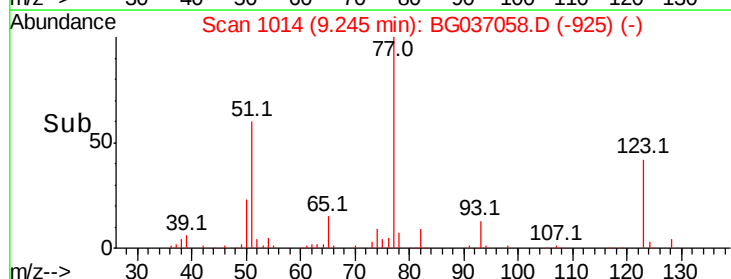
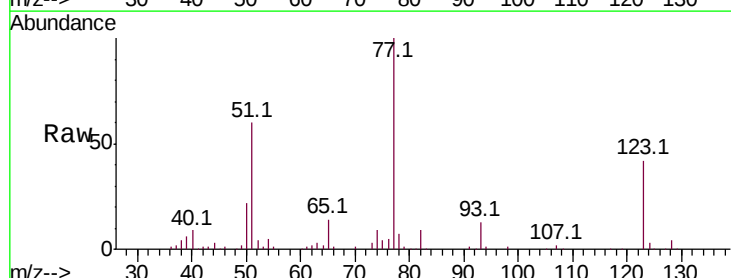
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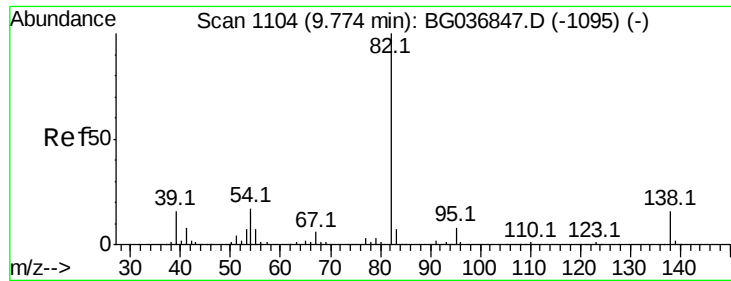
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#24
Nitrobenzene
Concen: 47.247 ng
RT: 9.24 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG037058.D
Acq: 28 Sep 2018 20:22

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.3	32.4	48.6
65	14.5	11.5	17.3





#25

Isophorone

Concen: 52.885 ng

RT: 9.76 min Scan# 1102

Delta R.T. -0.01 min

Lab File: BG037058.D

Acq: 28 Sep 2018 20:22

Instrument :

BNA_G

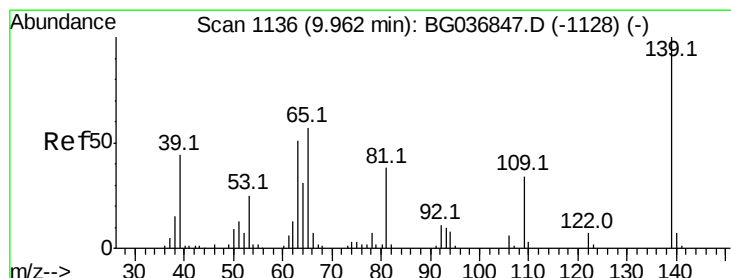
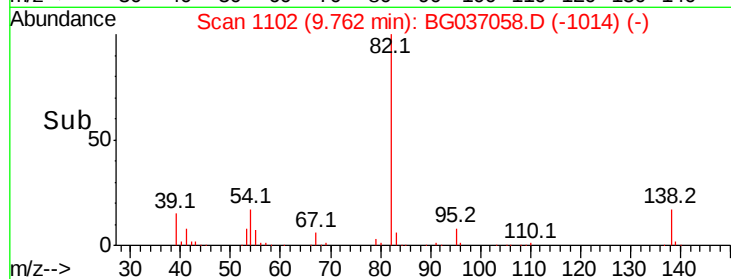
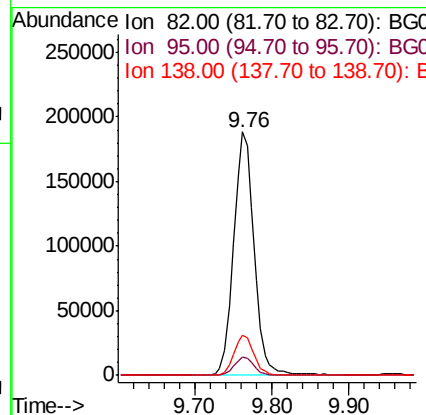
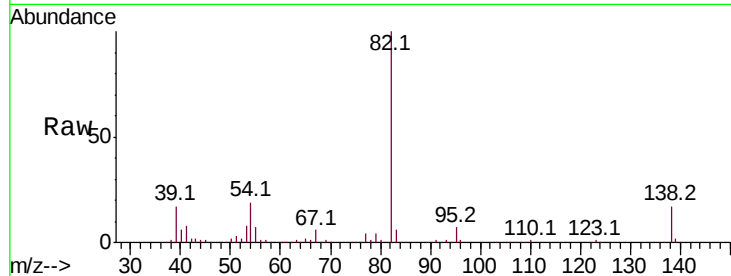
ClientSampleId :

NB-08-092718MSD

Tot Ion:	82	Resp:	349954
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.8	8.8
138	16.5	12.9	19.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 48.034 ng

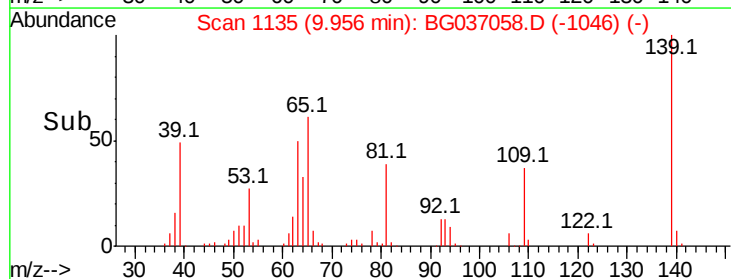
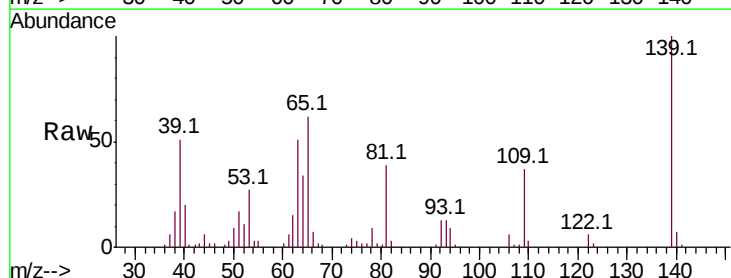
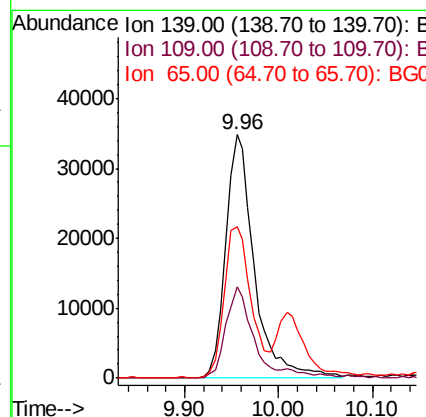
RT: 9.96 min Scan# 1135

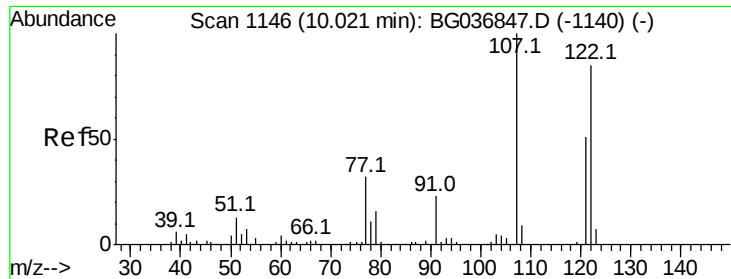
Delta R.T. -0.01 min

Lab File: BG037058.D

Acq: 28 Sep 2018 20:22

Tgt Ion:	139	Resp:	74045
Ion Ratio	Lower	Upper	
139	100		
109	37.5	27.4	41.0
65	62.0	47.8	71.6





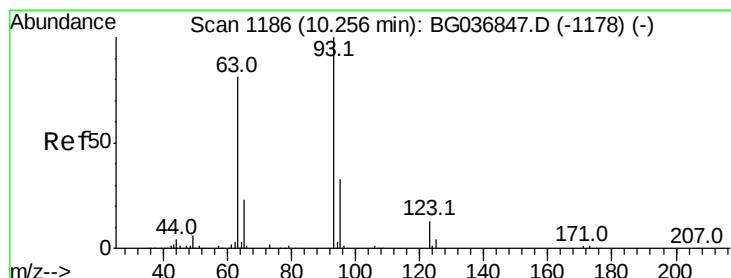
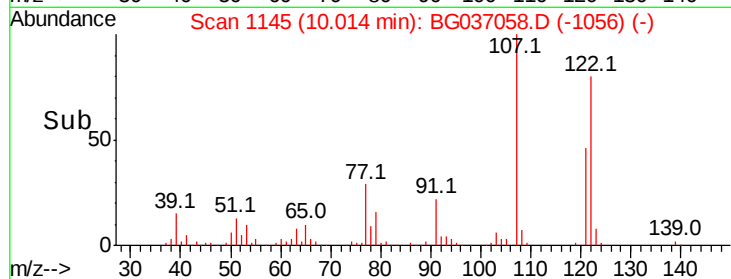
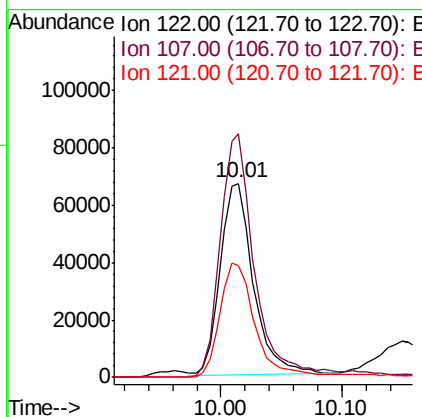
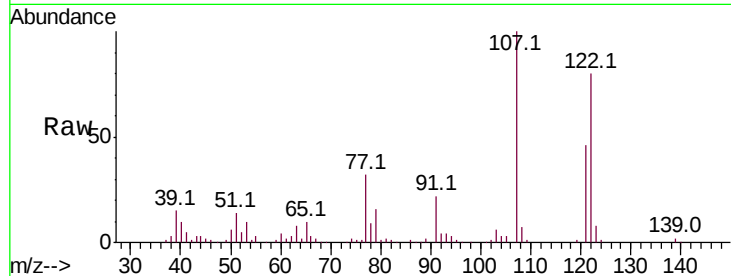
#27
2,4-Dimethylphenol
Concen: 53.202 ng
RT: 10.01 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BG037058.D
Acq: 28 Sep 2018 20:22

Instrument :
BNA_G
ClientSampleId :
NB-08-092718MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	125.5	96.0	144.0
121	57.9	48.2	72.4

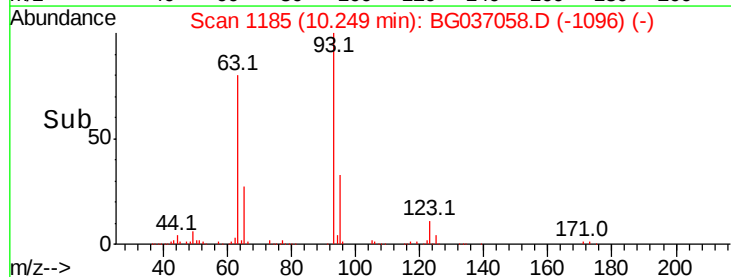
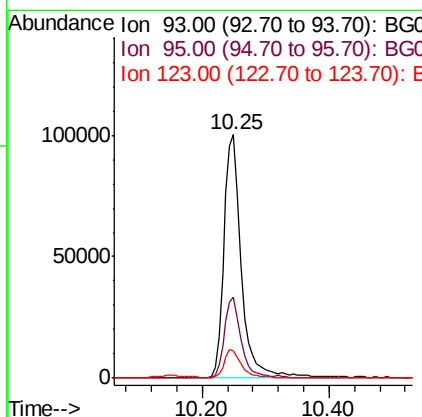
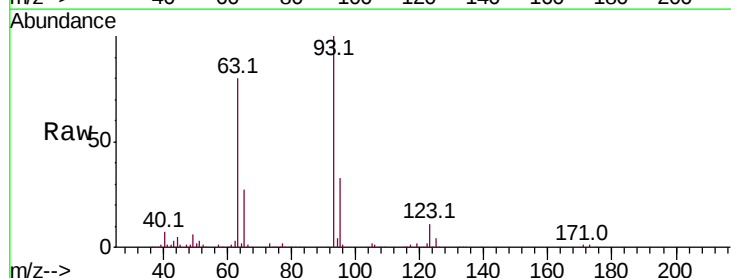
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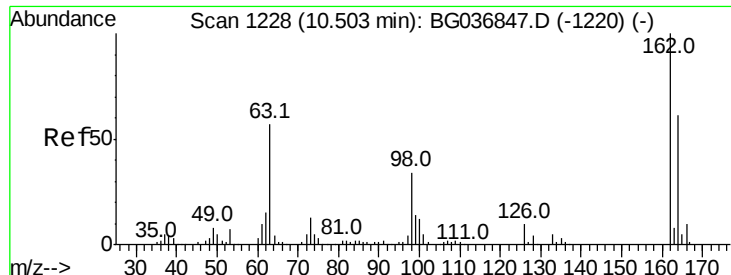
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10/1/2018 4:20:43 PM



#28
bis(2-Chloroethoxy)methane
Concen: 47.724 ng
RT: 10.25 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BG037058.D
Acq: 28 Sep 2018 20:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	25.2	37.8
123	11.4	8.6	12.8





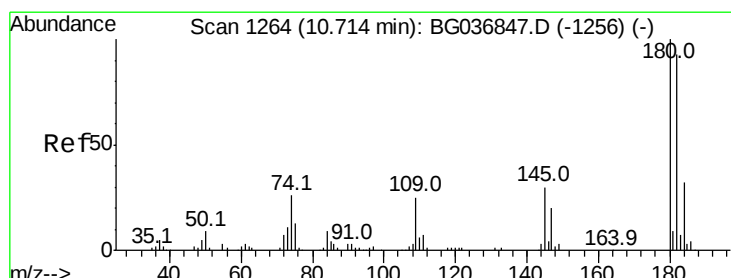
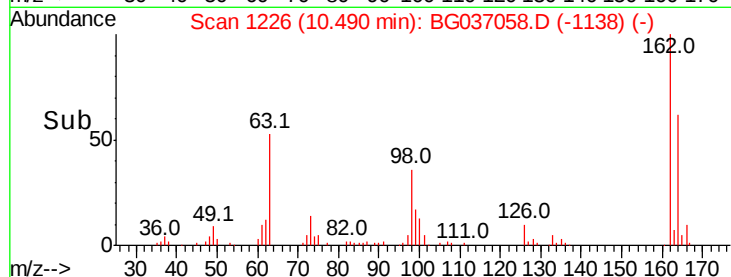
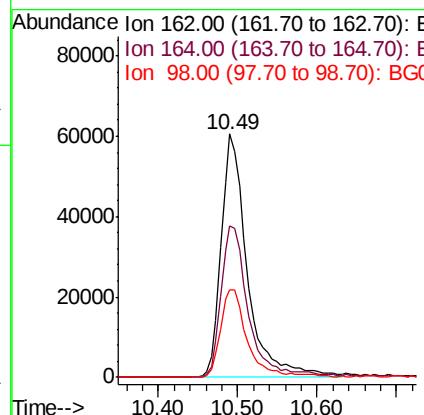
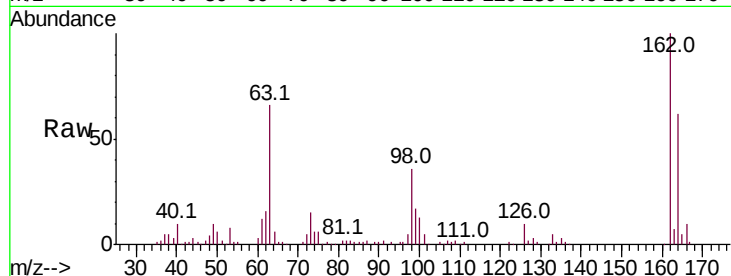
#29
 2,4-Dichlorophenol
 Concen: 49.731 ng
 RT: 10.49 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BG037058.D
 Acq: 28 Sep 2018 20:22

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-092718MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	138431		
164	62.2	47.6	87.6	
98	35.8	19.2	59.2	

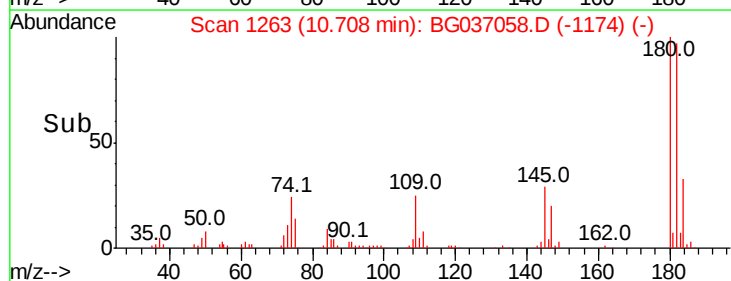
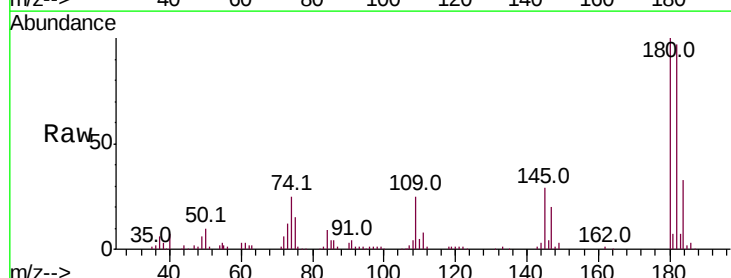
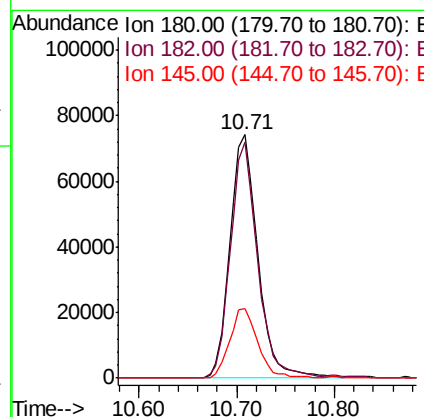
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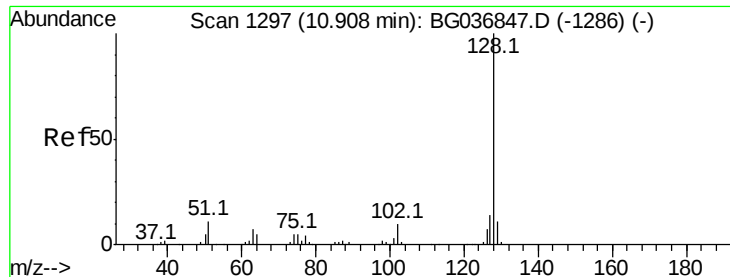
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 10/1/2018 4:20:43 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 42.321 ng
 RT: 10.71 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BG037058.D
 Acq: 28 Sep 2018 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	147427		
182	97.2	76.0	114.0	
145	28.7	22.9	34.3	





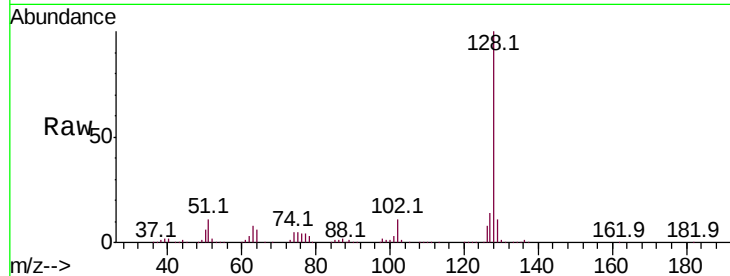
#31
Naphthalene
Concen: 47.313 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG037058.D
Acq: 28 Sep 2018 20:22

Instrument :
BNA_G
ClientSampleId :
NB-08-092718MSD

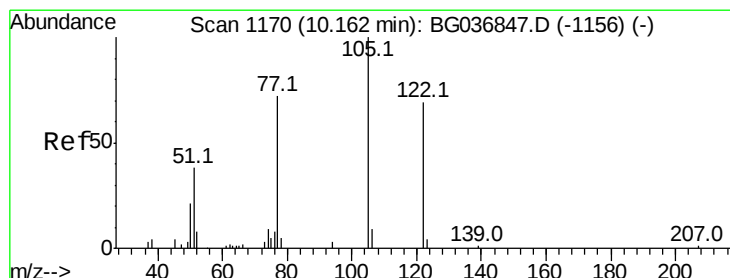
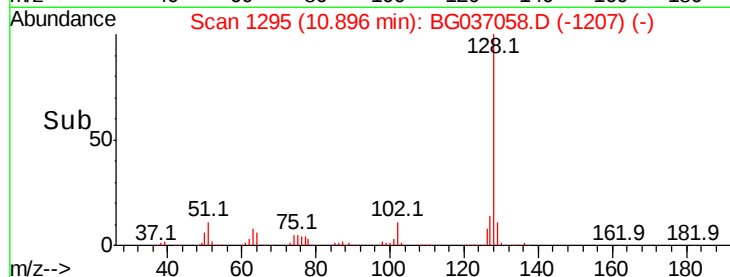
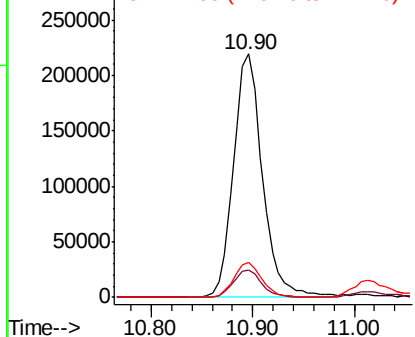
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.4	14.2
127	14.2	11.0	16.4

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10/1/2018 4:20:43 PM

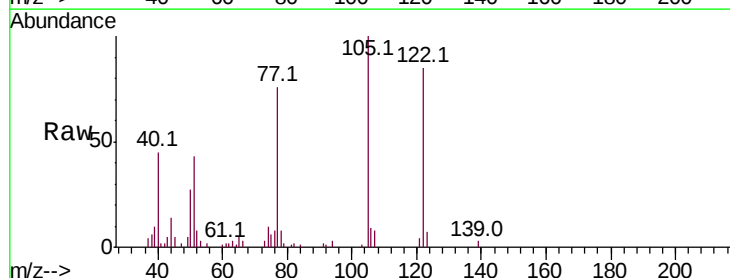


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

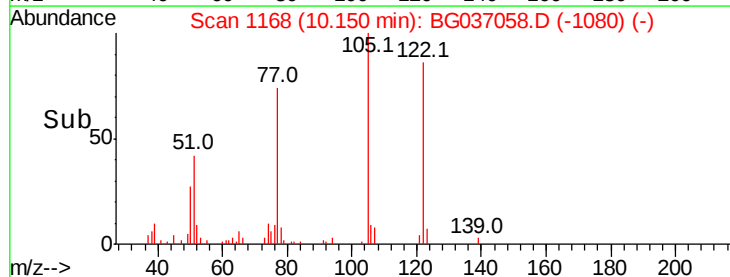
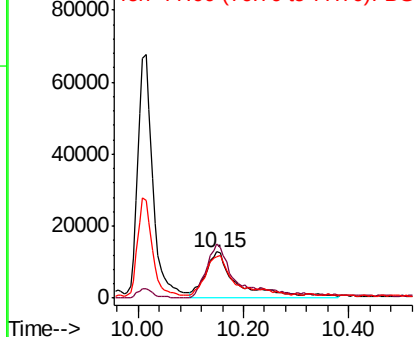


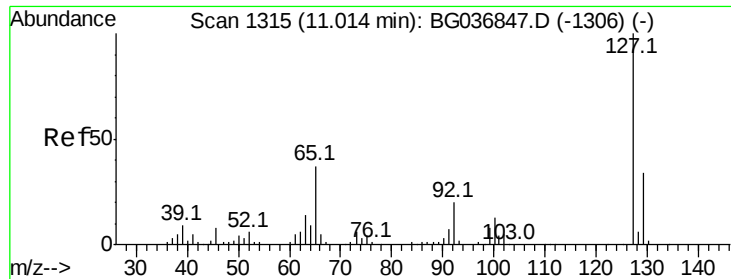
#32
Benzoic acid
Concen: 31.678 ng m
RT: 10.15 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BG037058.D
Acq: 28 Sep 2018 20:22

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.1	108.1	148.1
77	89.4	76.3	116.3



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG





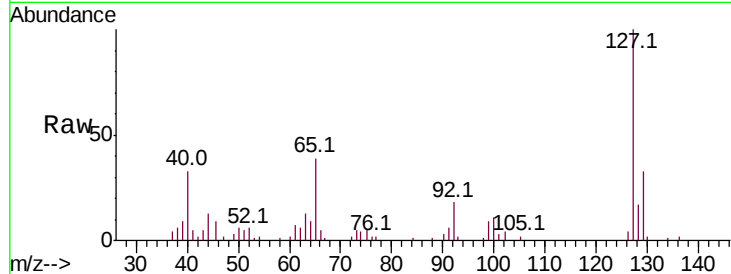
#33
4-Chloroaniline
Concen: 9.711 ng
RT: 11.01 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG037058.D
Acq: 28 Sep 2018 20:22

Instrument :
BNA_G
ClientSampleId :
NB-08-092718MSD

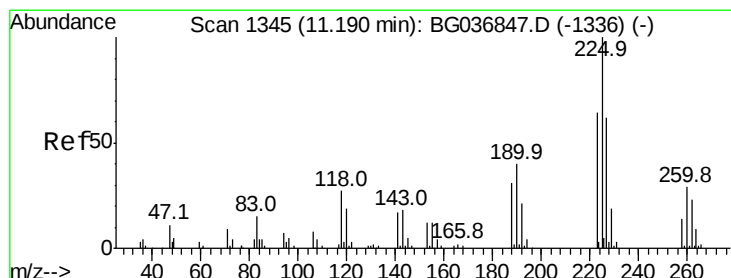
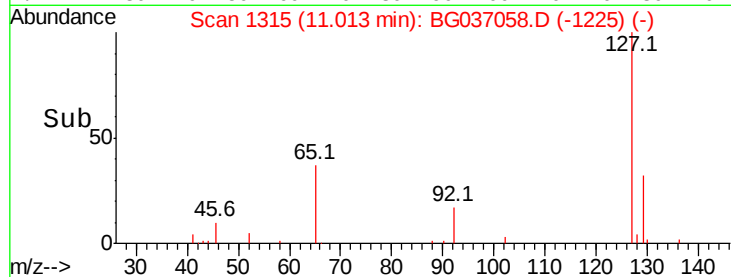
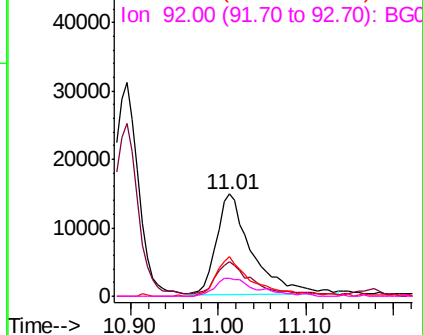
Tot Ion	Ratio	Lower	Upper
127	100		
129	33.4	25.9	38.9
65	39.0	27.5	41.3
92	18.1	16.2	24.2

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10/1/2018 4:20:43 PM

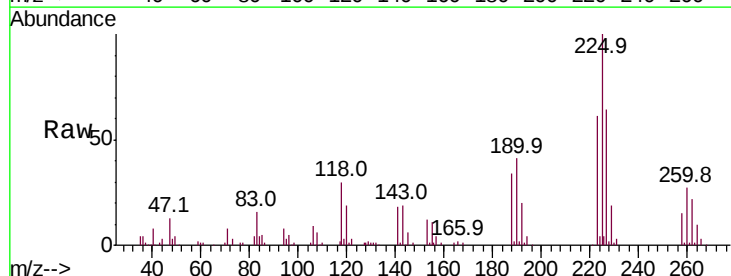


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

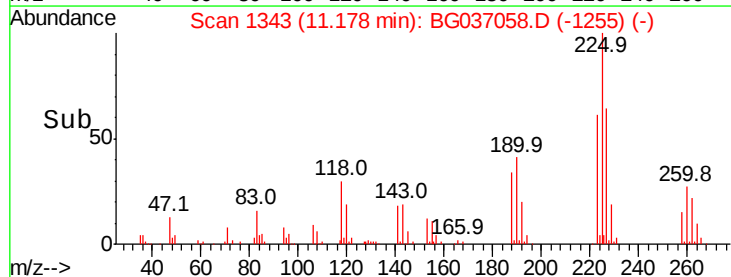
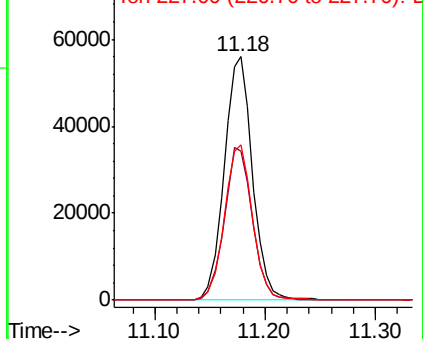


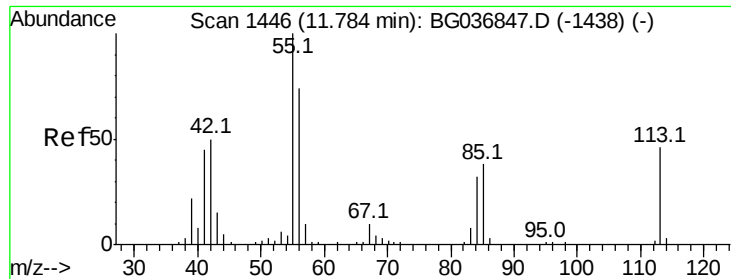
#34
Hexachlorobutadiene
Concen: 41.412 ng
RT: 11.18 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG037058.D
Acq: 28 Sep 2018 20:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.9	51.8	77.8
227	63.6	49.8	74.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 33.189 ng/mL

RT: 11.78 min Scan# 1446

Delta R.T. -0.00 min

Lab File: BG037058.D

Acq: 28 Sep 2018 20:22

Instrument :

BNA_G

ClientSampleId :

NB-08-092718MSD

Tot Ion:113 Resp: 38024

Ion Ratio Lower Upper

113 100

55 233.5 197.7 237.7

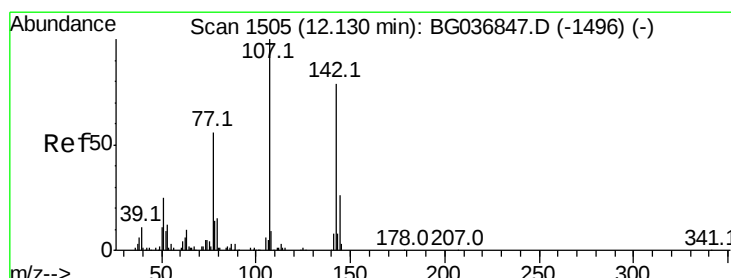
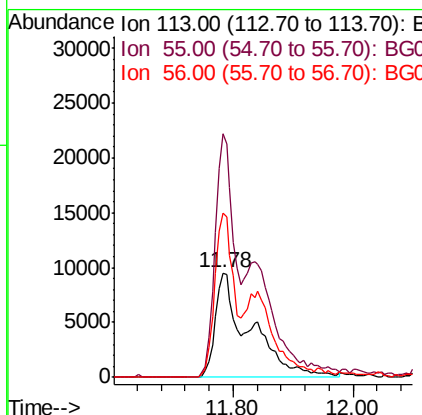
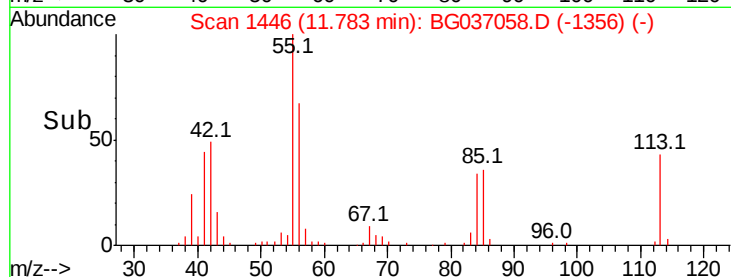
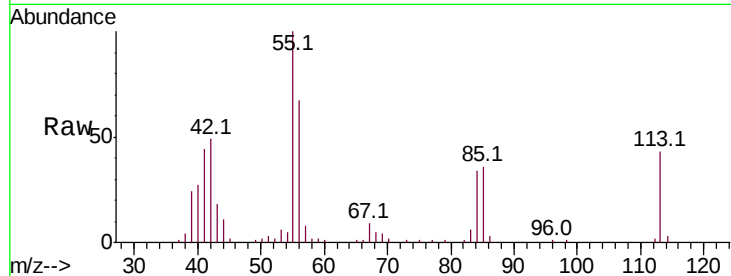
56 157.3 131.7 171.7

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10/1/2018 4:20:43 PM



#36

4-Chloro-3-methylphenol

Concen: 49.175 ng/mL

RT: 12.12 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BG037058.D

Acq: 28 Sep 2018 20:22

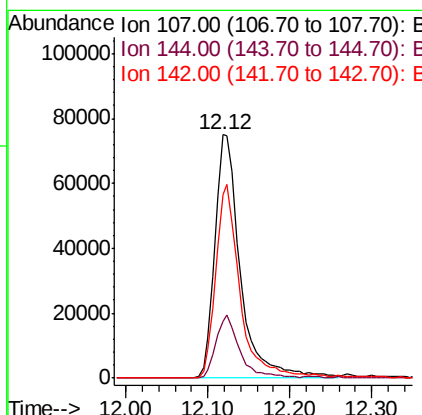
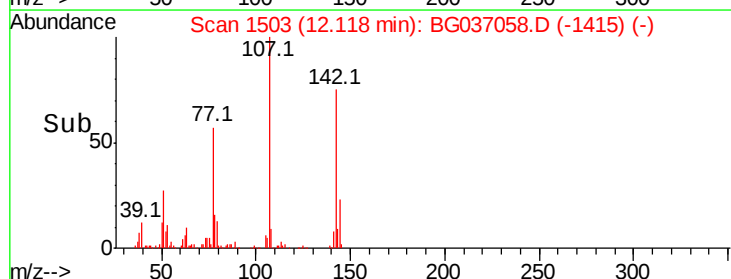
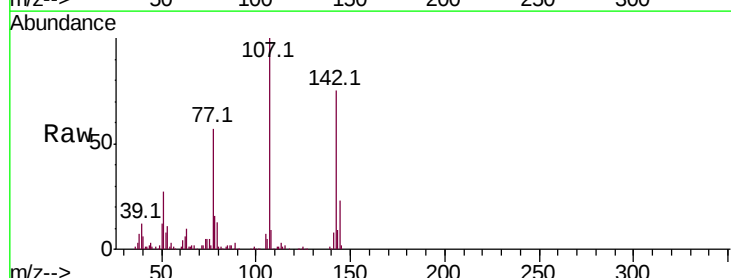
Tgt Ion:107 Resp: 163329

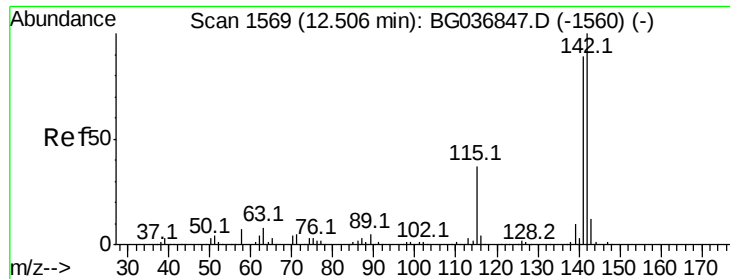
Ion Ratio Lower Upper

107 100

144 23.4 19.5 29.3

142 75.3 62.4 93.6





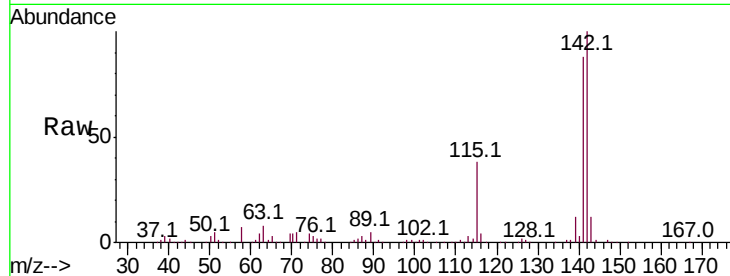
#37
2-Methylnaphthalene
Concen: 47.569 ng
RT: 12.49 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BG037058.D
Acq: 28 Sep 2018 20:22

Instrument :
BNA_G
ClientSampleId :
NB-08-092718MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	68.5	102.7
115	37.9	29.8	44.8

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10/1/2018 4:20:43 PM

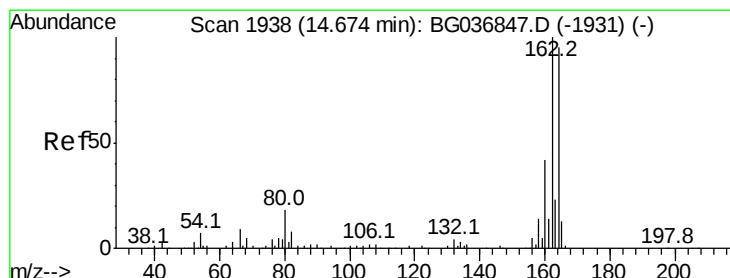
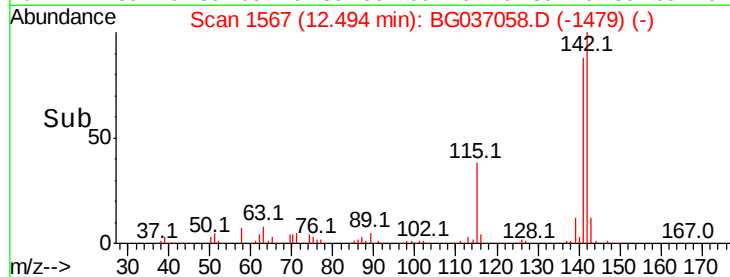
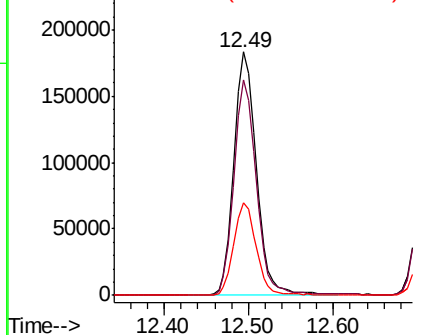


Abundance

Ion 142.00 (141.70 to 142.70): E

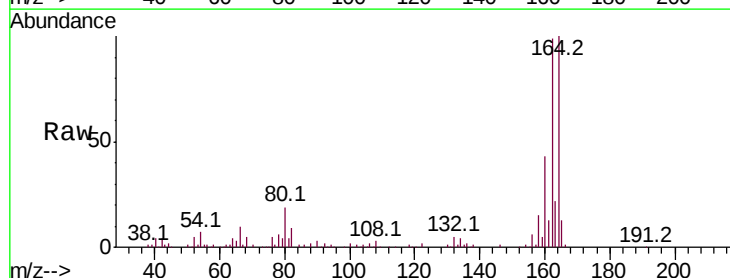
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BG037058.D
Acq: 28 Sep 2018 20:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.7	80.7	121.1
160	43.1	35.3	52.9

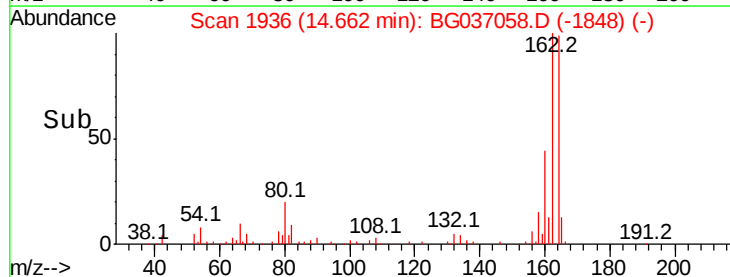
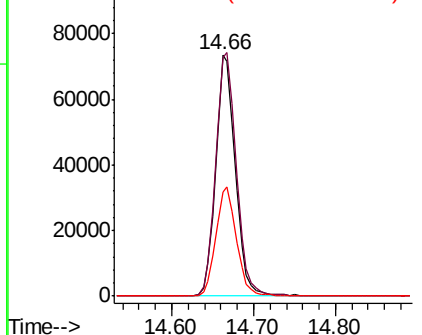


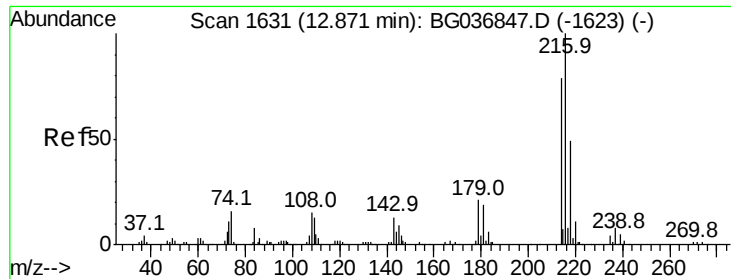
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





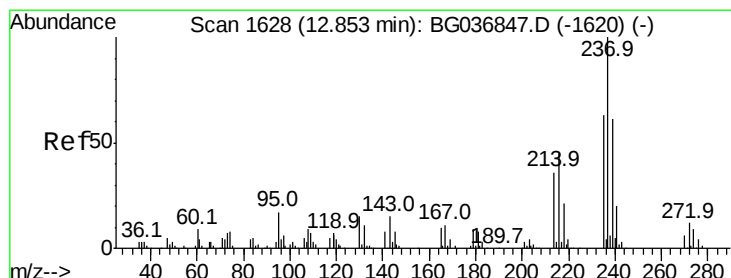
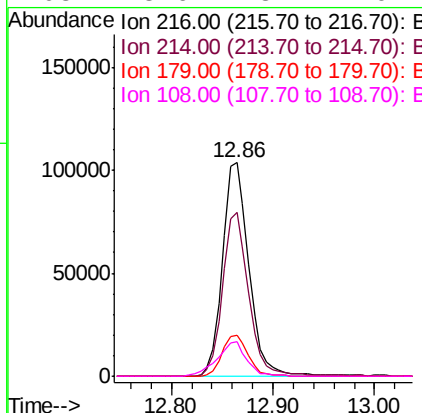
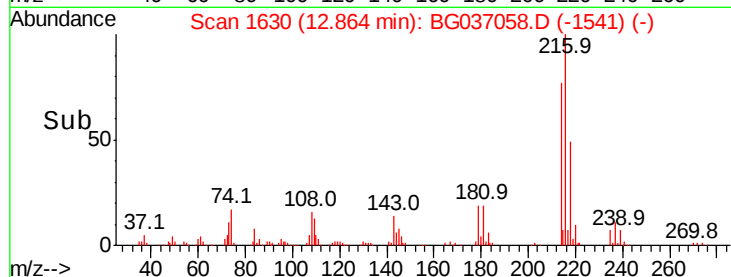
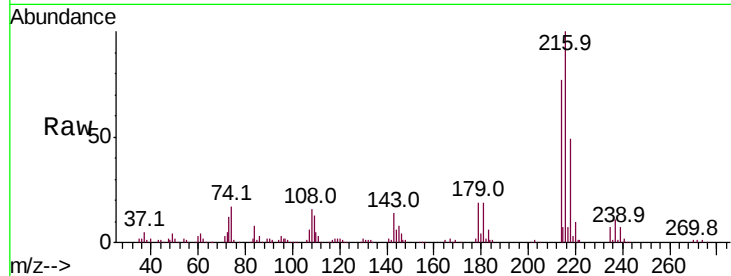
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.599 ng
 RT: 12.86 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: BG037058.D
 Acq: 28 Sep 2018 20:22

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-092718MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	187389		
214	75.3	61.0	91.6	
179	19.0	15.7	23.5	
108	18.6	13.1	19.7	

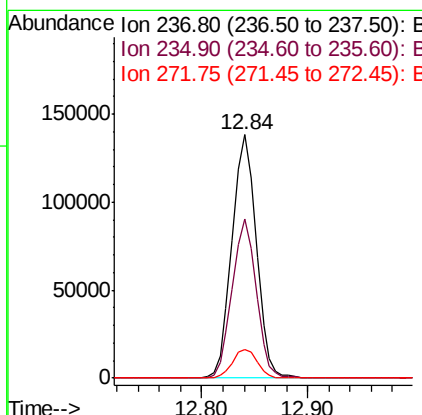
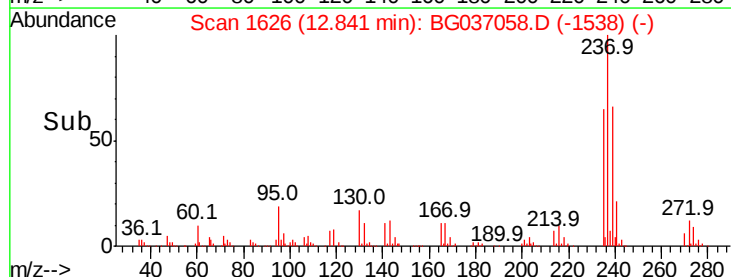
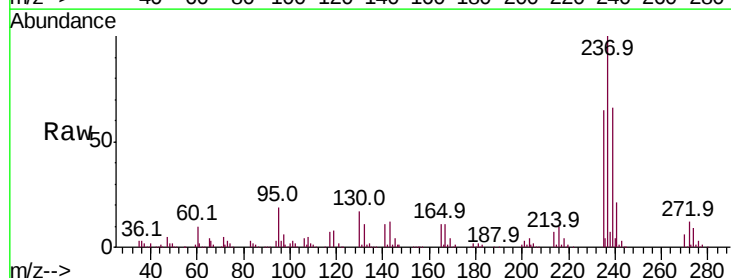
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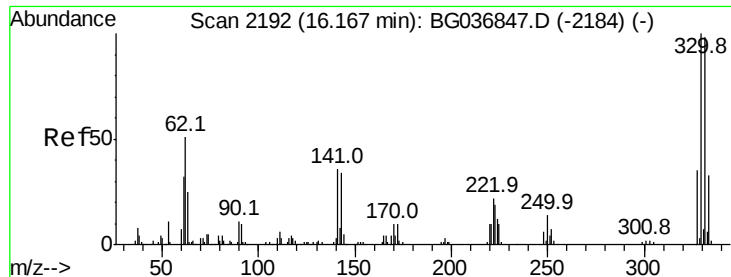
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#40
 Hexachlorocyclopentadiene
 Concen: 99.826 ng
 RT: 12.84 min Scan# 1626
 Delta R.T. -0.01 min
 Lab File: BG037058.D
 Acq: 28 Sep 2018 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	220663		
235	65.2	42.2	82.2	
272	11.9	0.0	32.1	





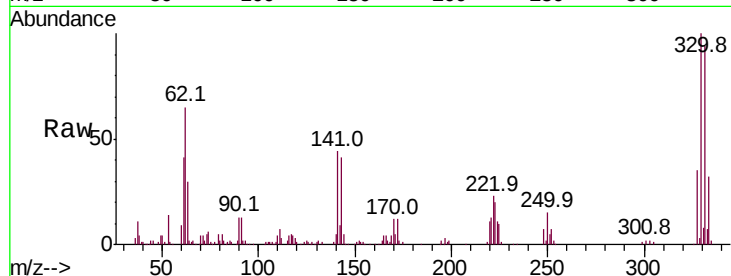
#41
 2,4,6-Tribromophenol
 Concen: 120.081 ng
 RT: 16.15 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG037058.D
 Acq: 28 Sep 2018 20:22

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-092718MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	177042		
332	96.6	75.4	113.2	
141	41.9	30.7	46.1	

Manual Integrations
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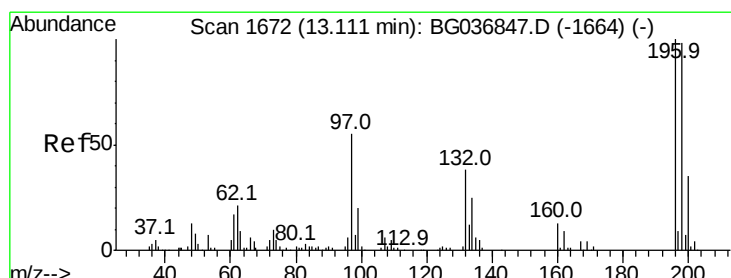
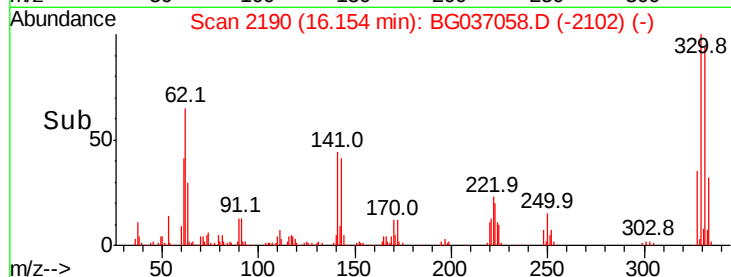
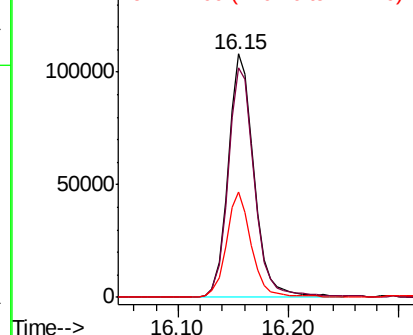


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 49.643 ng
 RT: 13.10 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BG037058.D
 Acq: 28 Sep 2018 20:22

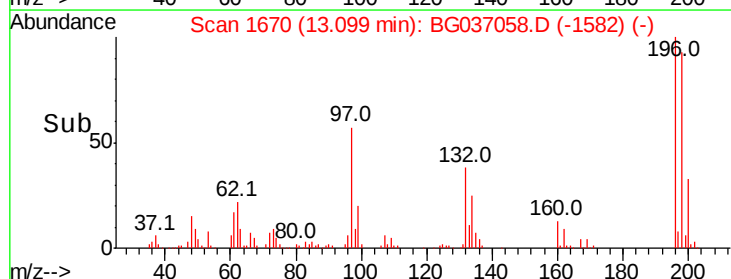
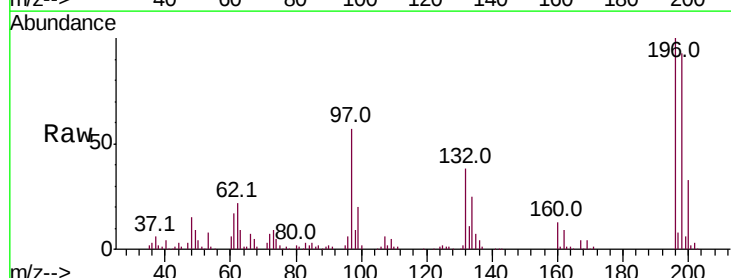
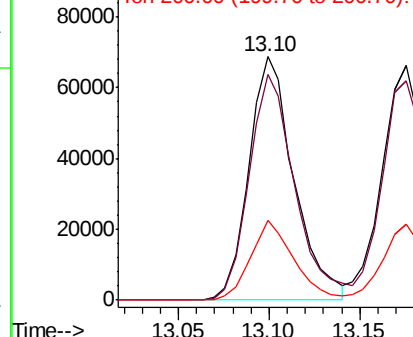
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	118484		
198	92.9	77.2	115.8	
200	32.7	26.3	39.5	

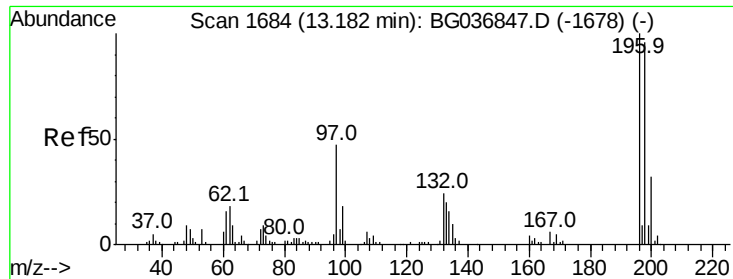
Abundance

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





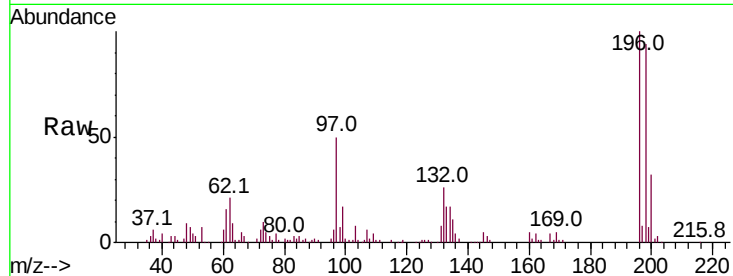
#43
 2,4,5-Trichlorophenol
 Concen: 52.042 ng
 RT: 13.18 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BG037058.D
 Acq: 28 Sep 2018 20:22

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-092718MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	132446		
198	93.9	75.6	113.4	
97	49.9	37.2	55.8	
132	25.9	19.4	29.2	

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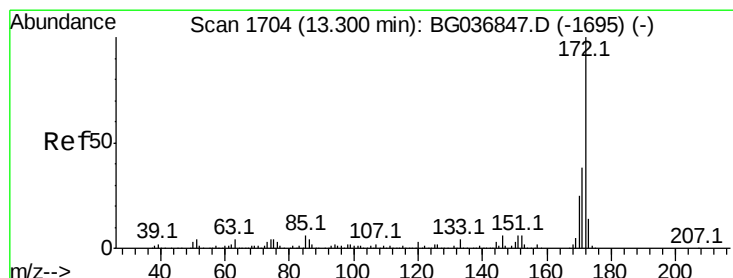
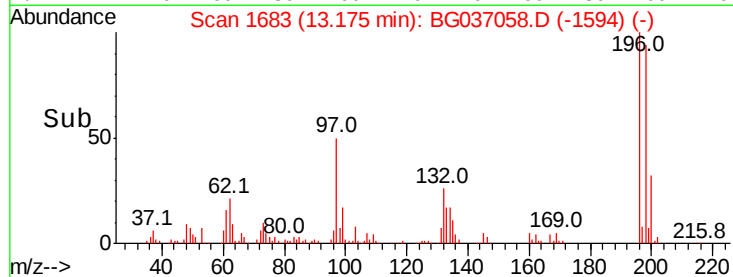
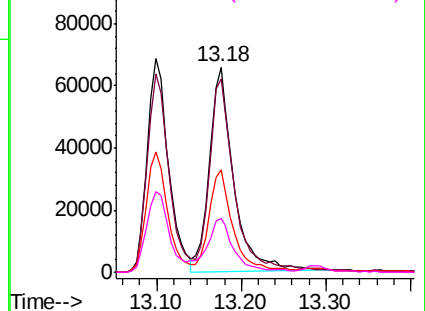
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 76.020 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG037058.D
 Acq: 28 Sep 2018 20:22

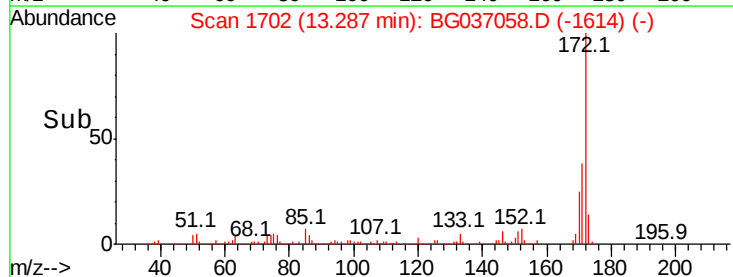
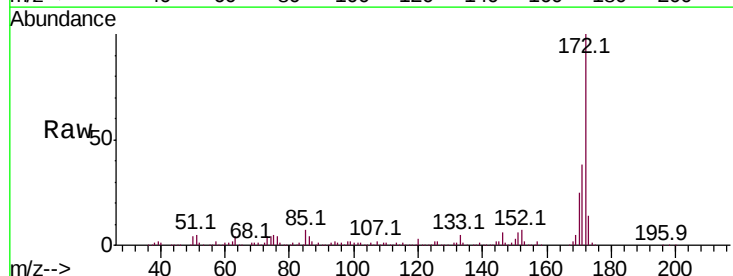
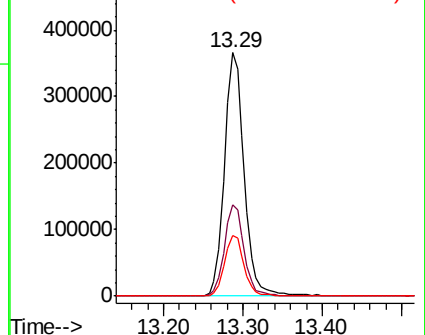
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	628974		
171	37.8	31.3	46.9	
170	25.1	21.0	31.6	

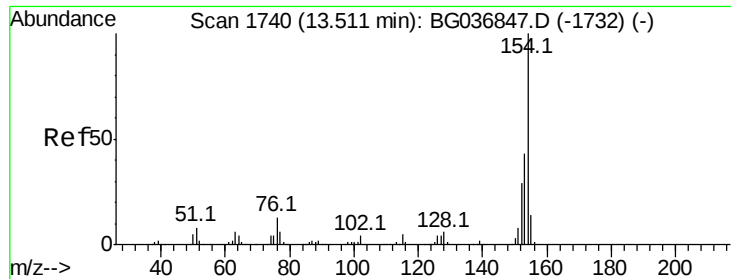
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





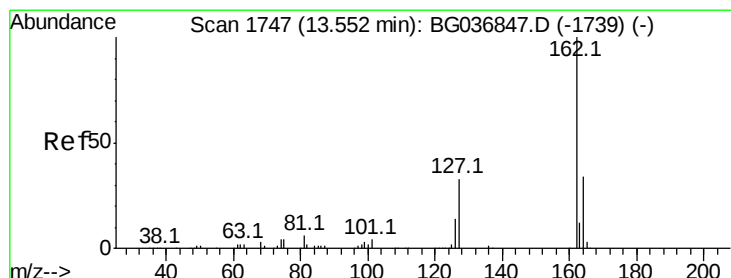
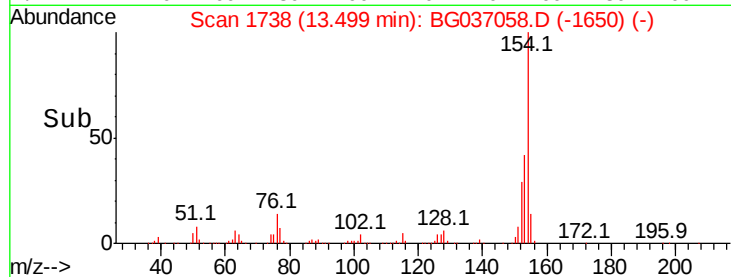
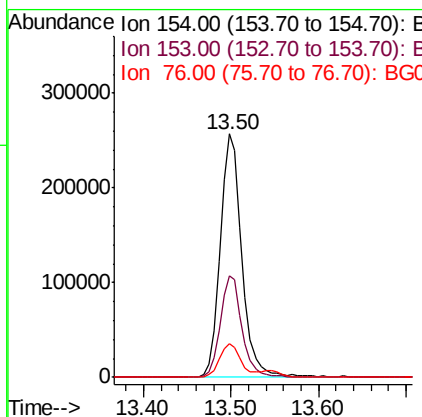
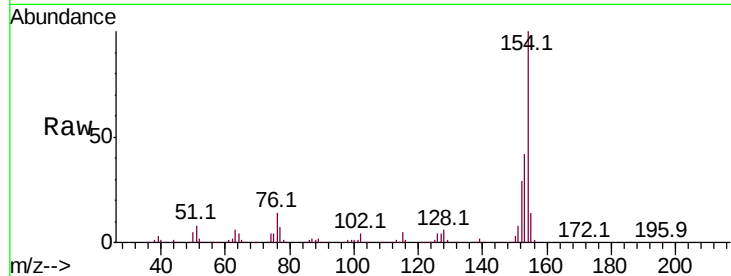
#45
 1,1'-Biphenyl
 Concen: 46.488 ng
 RT: 13.50 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG037058.D
 Acq: 28 Sep 2018 20:22

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-092718MSD

Tot Ion:	154	Resp:	438732
Ion Ratio	Lower	Upper	
154	100		
153	41.8	24.0	64.0
76	13.7	0.0	32.9

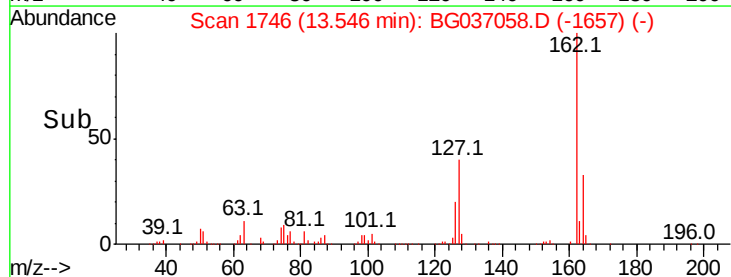
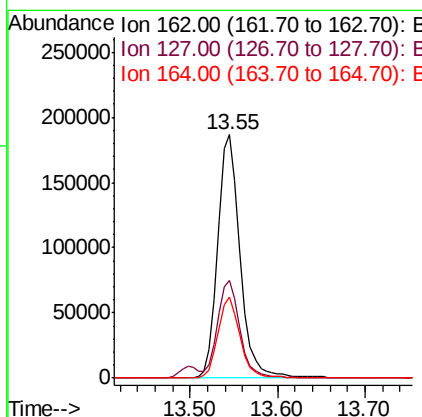
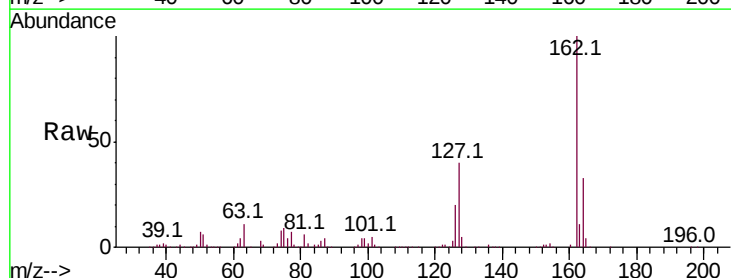
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#46
 2-Chloronaphthalene
 Concen: 44.797 ng
 RT: 13.55 min Scan# 1746
 Delta R.T. -0.01 min
 Lab File: BG037058.D
 Acq: 28 Sep 2018 20:22

Tgt Ion:	162	Resp:	332474
Ion Ratio	Lower	Upper	
162	100		
127	40.0	30.7	46.1
164	33.5	26.7	40.1





#47

2-Nitroaniline

Concen: 49.375 ng

RT: 13.75 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BG037058.D

Acq: 28 Sep 2018 20:22

Instrument :

BNA_G

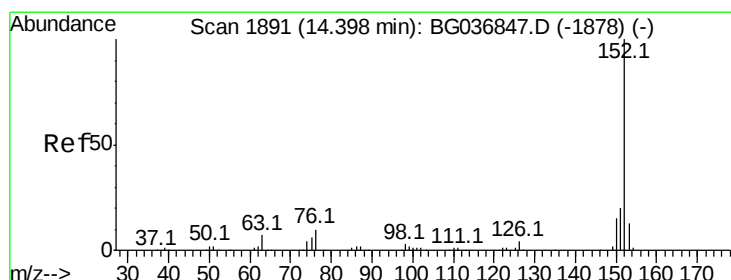
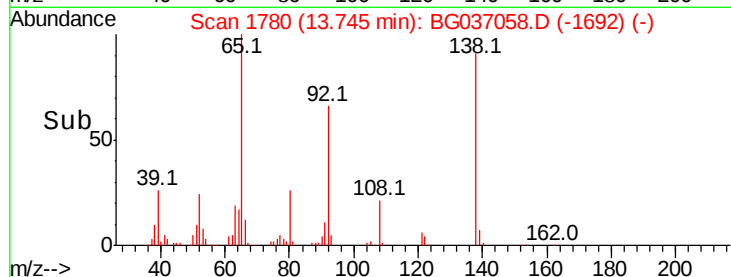
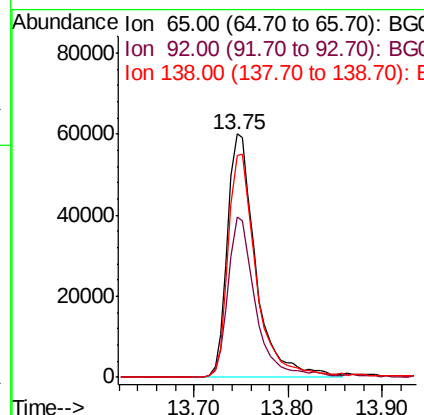
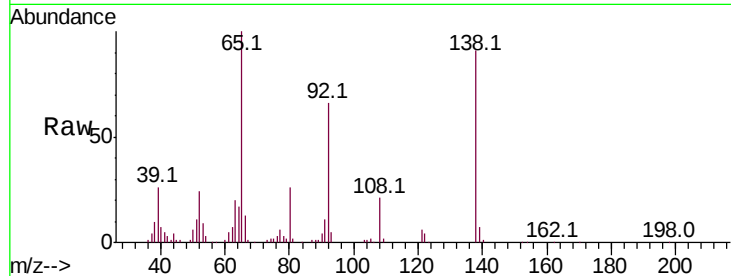
ClientSampleId :

NB-08-092718MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.0	49.9	74.9
138	91.4	76.2	114.4

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#48

Acenaphthylene

Concen: 49.672 ng

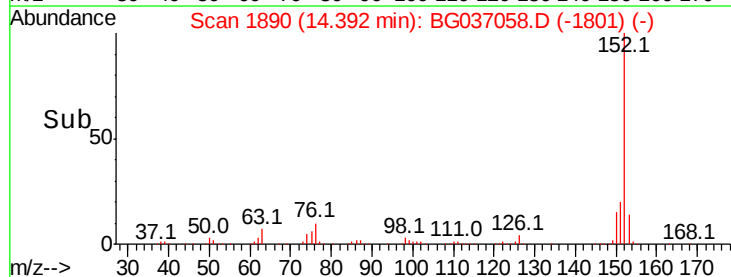
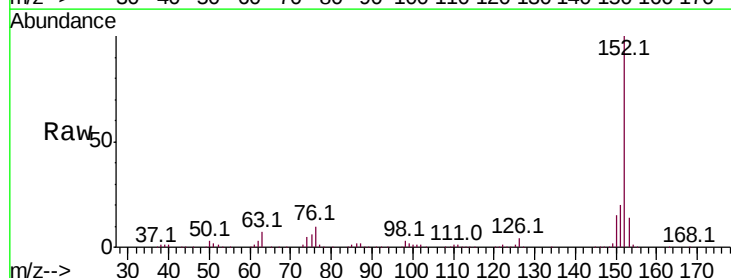
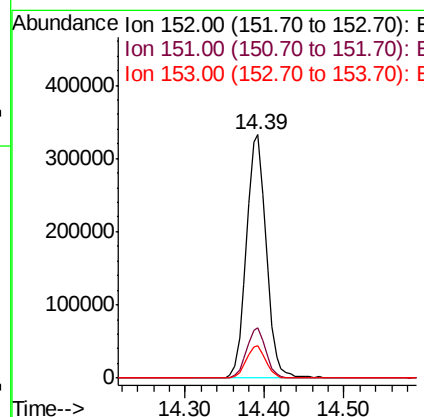
RT: 14.39 min Scan# 1890

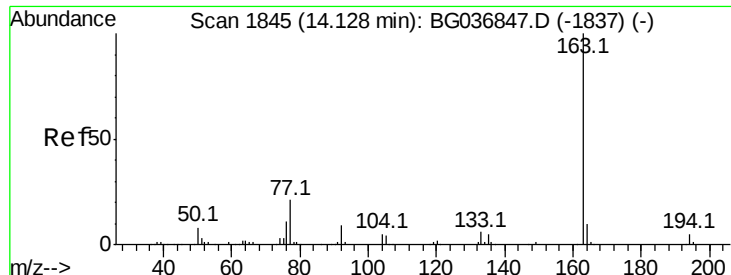
Delta R.T. -0.01 min

Lab File: BG037058.D

Acq: 28 Sep 2018 20:22

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.9	25.3
153	13.6	11.2	16.8





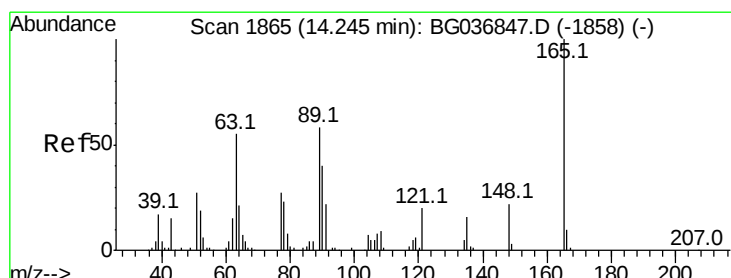
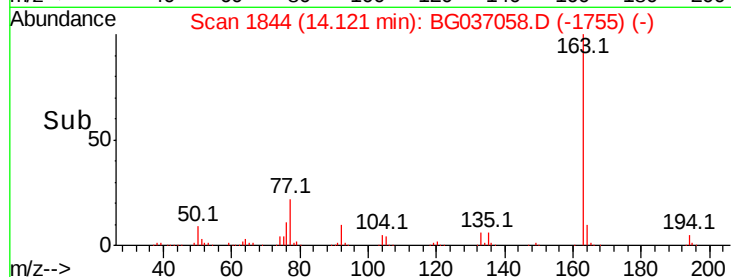
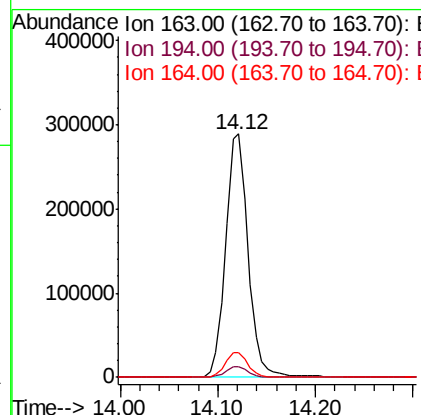
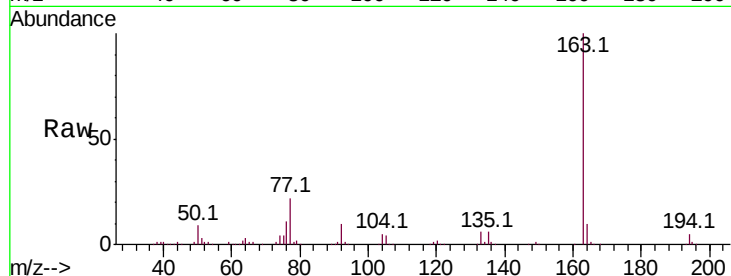
#49
Dimethylphthalate
Concen: 46.506 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BG037058.D
Acq: 28 Sep 2018 20:22

Instrument :
BNA_G
ClientSampleId :
NB-08-092718MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	461295		
194	4.6		4.0	6.0
164	10.3		8.1	12.1

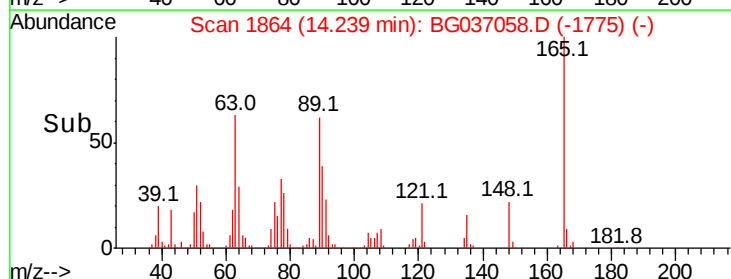
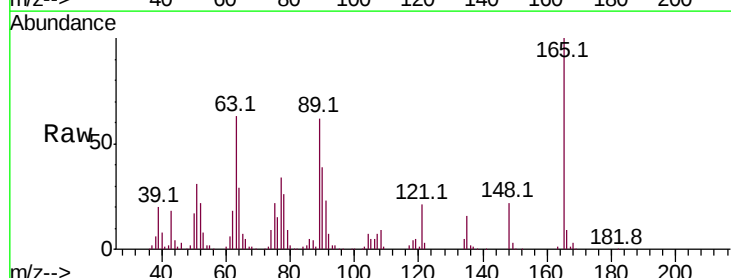
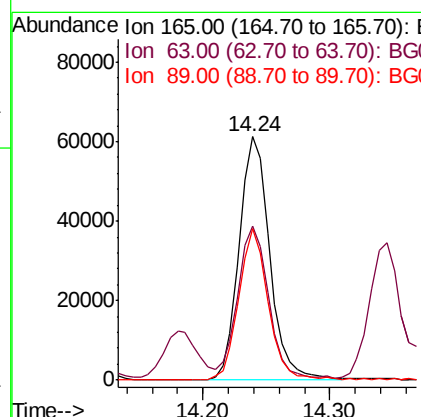
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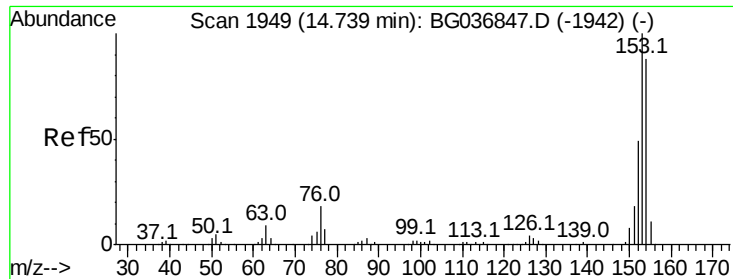
Sohil
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#50
2,6-Dinitrotoluene
Concen: 47.302 ng
RT: 14.24 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BG037058.D
Acq: 28 Sep 2018 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	102369		
63	63.4		50.1	75.1
89	62.2		47.8	71.6





#51

Acenaphthene

Concen: 46.790 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037058.D

Acq: 28 Sep 2018 20:22

Instrument :

BNA_G

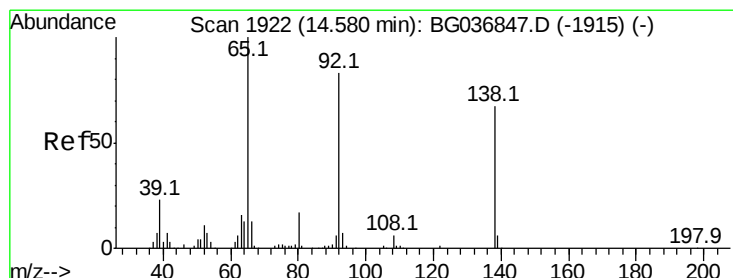
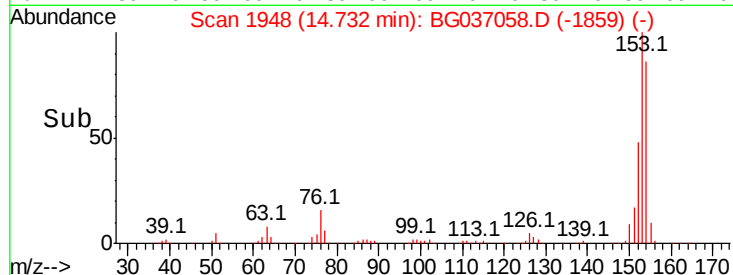
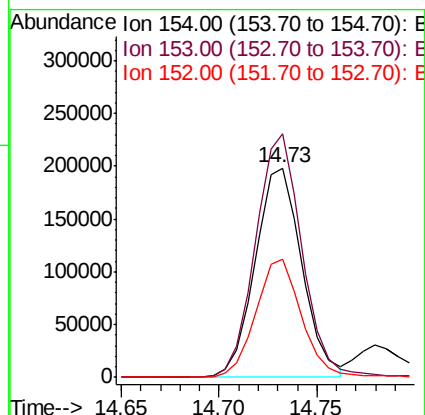
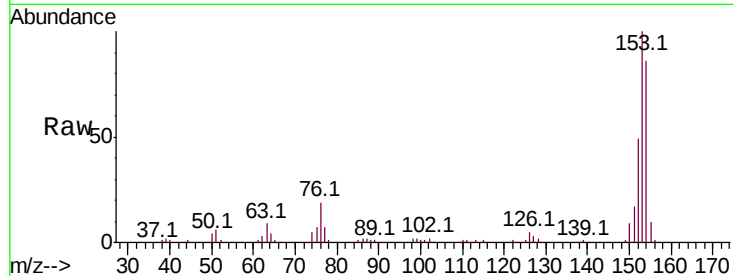
ClientSampleId :

NB-08-092718MSD

Tot Ion:	154	Resp:	328889
Ion Ratio	Lower	Upper	
154	100		
153	116.4	91.8	137.6
152	56.5	43.5	65.3

Manual Integrations
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#52

3-Nitroaniline

Concen: 28.909 ng

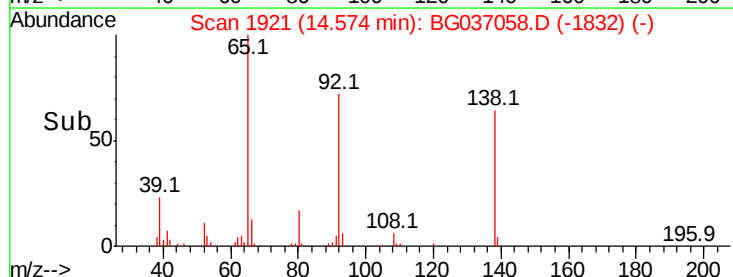
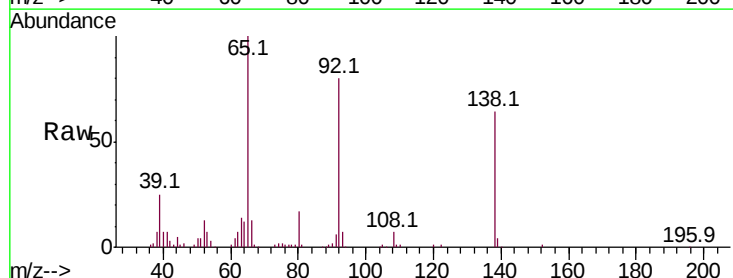
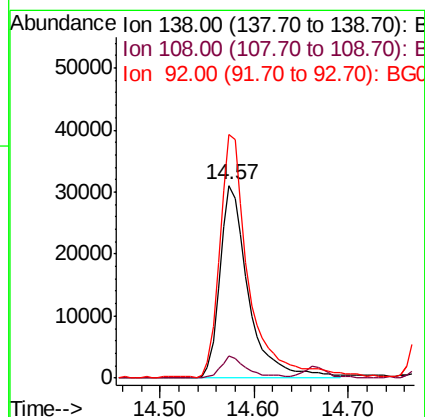
RT: 14.57 min Scan# 1921

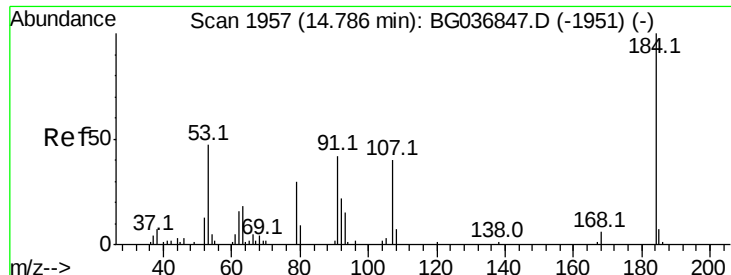
Delta R.T. -0.01 min

Lab File: BG037058.D

Acq: 28 Sep 2018 20:22

Tgt Ion:	138	Resp:	65927
Ion Ratio	Lower	Upper	
138	100		
108	11.3	9.4	14.2
92	126.3	96.8	145.2





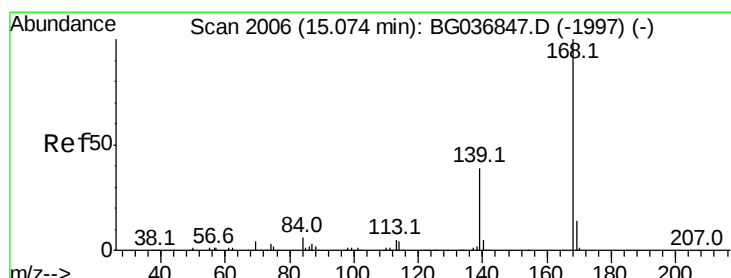
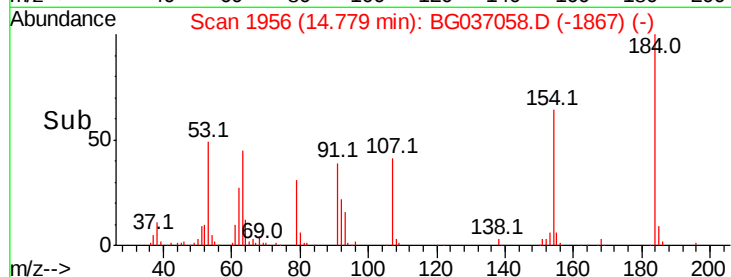
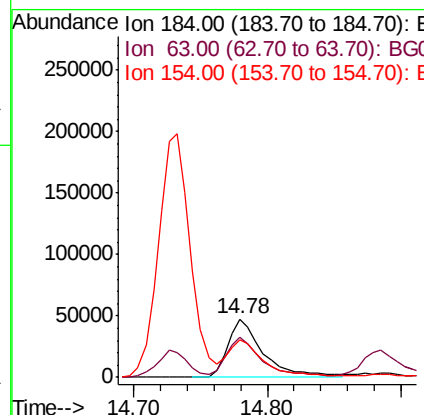
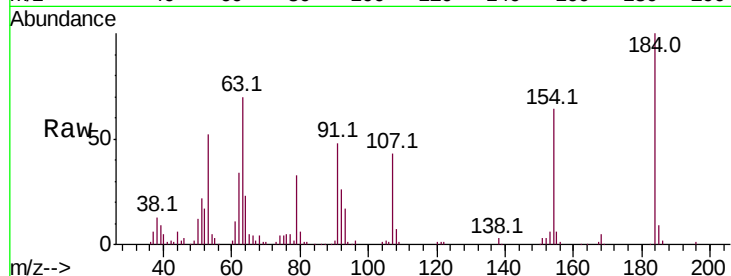
#53
2,4-Dinitrophenol
Concen: 85.790 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG037058.D
Acq: 28 Sep 2018 20:22

Instrument :
BNA_G
ClientSampleId :
NB-08-092718MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	69.8	47.3	70.9
154	64.0	51.1	76.7

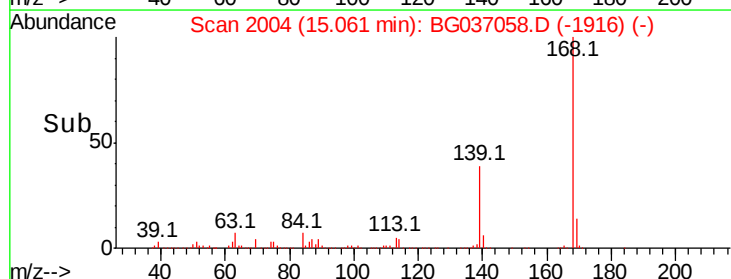
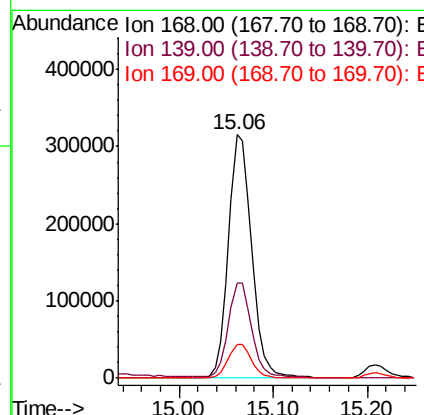
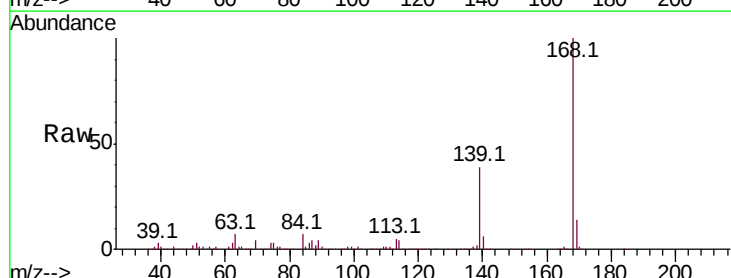
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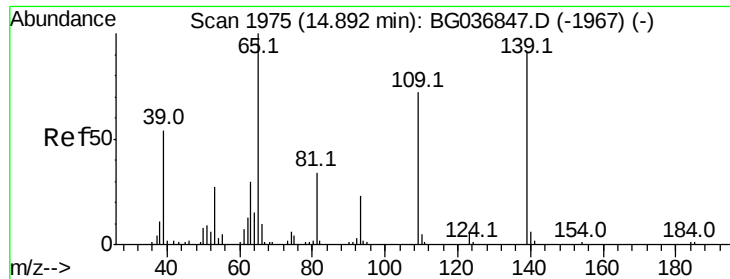
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#54
Dibenzofuran
Concen: 45.883 ng
RT: 15.06 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BG037058.D
Acq: 28 Sep 2018 20:22

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.2	31.0	46.6
169	13.8	11.1	16.7





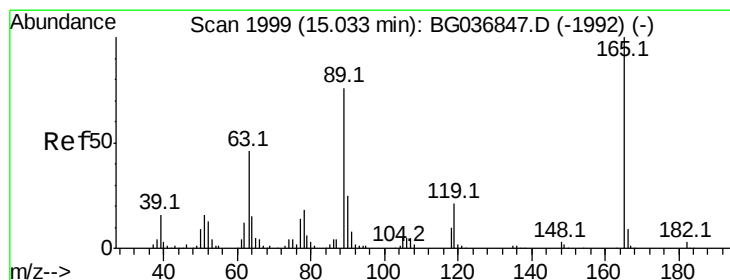
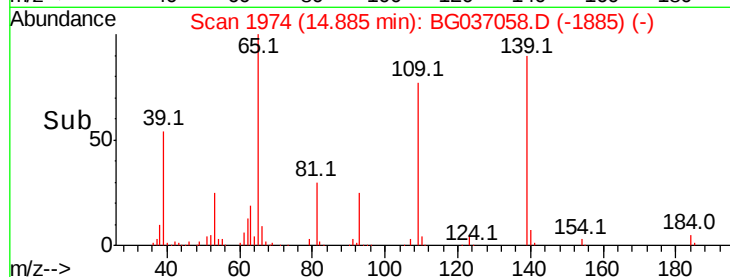
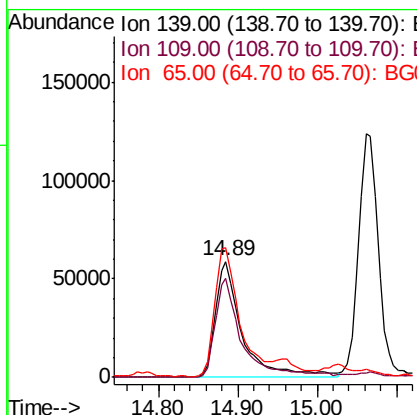
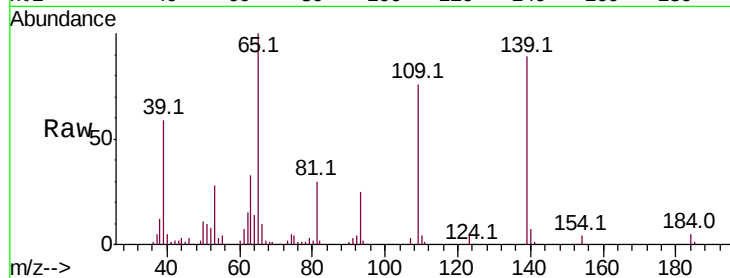
#55
4-Nitrophenol
Concen: 94.647 ng
RT: 14.89 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG037058.D
Acq: 28 Sep 2018 20:22

Instrument :
BNA_G
ClientSampleId :
NB-08-092718MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	85.8	63.9	103.9	
65	112.2	90.0	130.0	

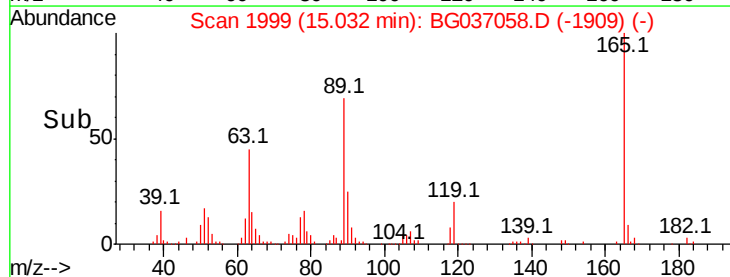
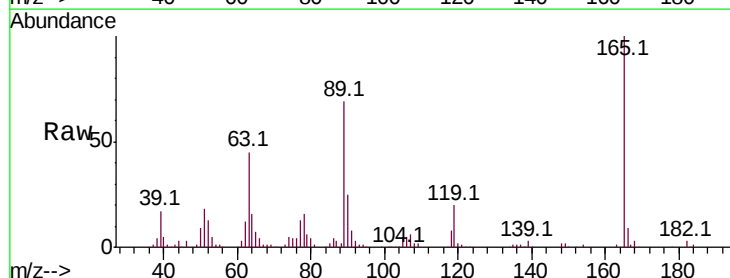
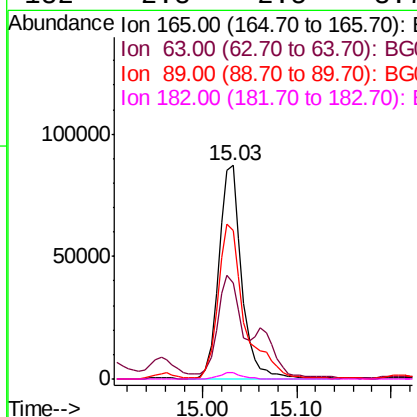
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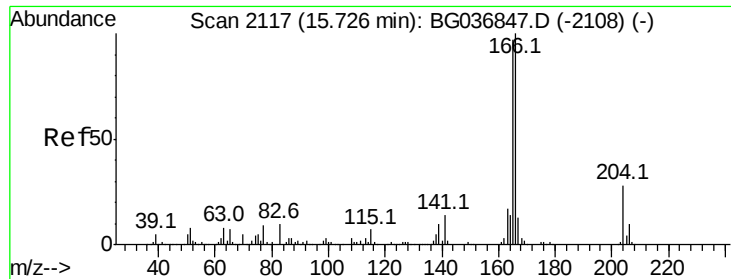
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#56
2,4-Dinitrotoluene
Concen: 48.547 ng
RT: 15.03 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BG037058.D
Acq: 28 Sep 2018 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	45.2	40.1	60.1	
89	69.3	63.7	95.5	
182	2.8	2.5	3.7	





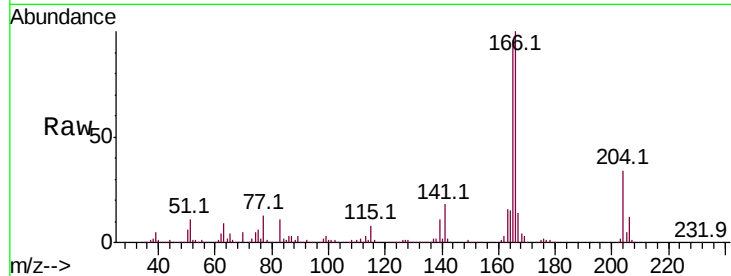
#57
Fluorene
 Concen: 50.238 ng
 RT: 15.71 min Scan# 2115
 Delta R.T. -0.01 min
 Lab File: BG037058.D
 Acq: 28 Sep 2018 20:22

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-092718MSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	95.6	77.0	115.4
167	14.0	10.6	16.0

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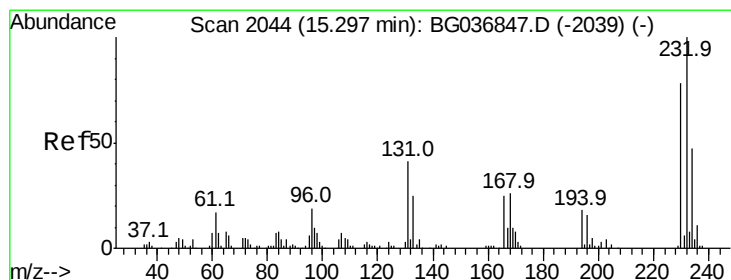
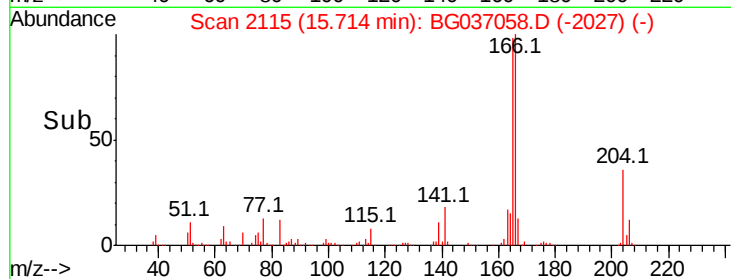
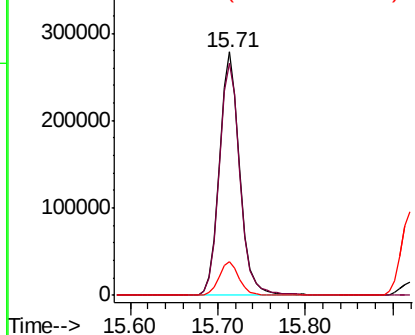


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58
2,3,4,6-Tetrachlorophenol
 Concen: 50.680 ng
 RT: 15.29 min Scan# 2043
 Delta R.T. -0.01 min
 Lab File: BG037058.D
 Acq: 28 Sep 2018 20:22

Tgt Ion	Ratio	Lower	Upper
232	100		
131	40.5	33.8	50.8
130	2.7	2.1	3.1
166	29.2	22.3	33.5

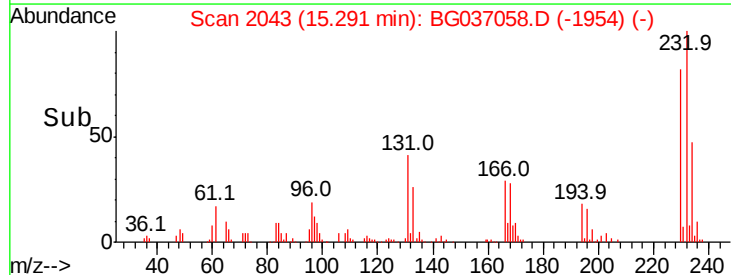
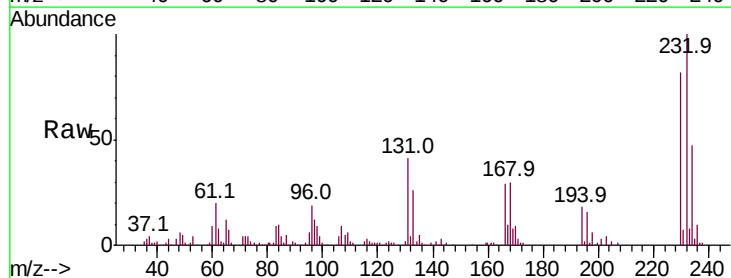
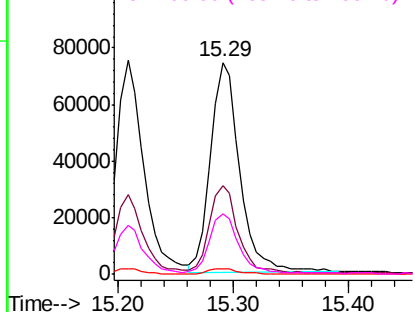
Abundance

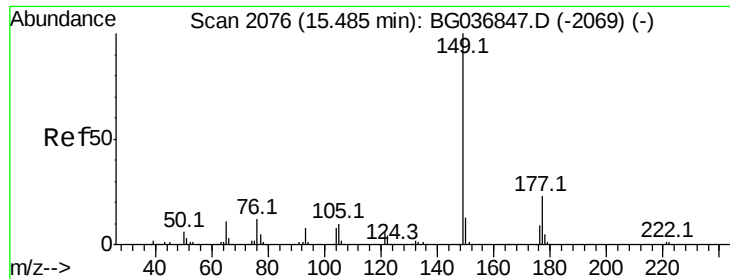
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 46.948 ng

RT: 15.48 min Scan# 2075

Delta R.T. -0.01 min

Lab File: BG037058.D

Acq: 28 Sep 2018 20:22

Instrument :

BNA_G

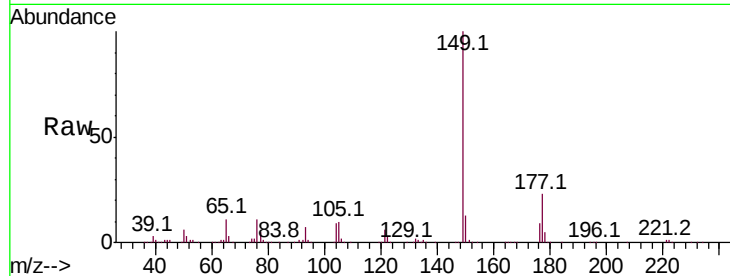
ClientSampleId :

NB-08-092718MSD

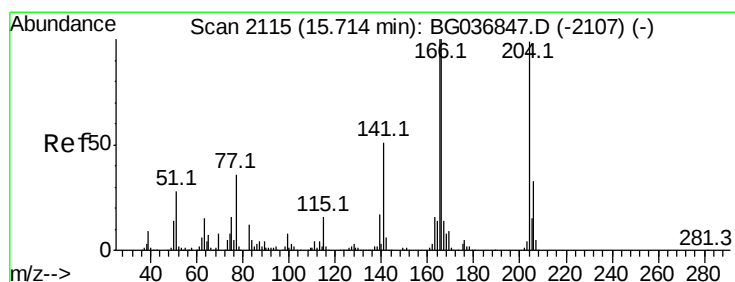
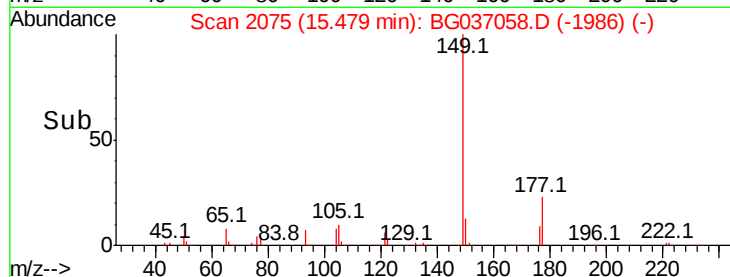
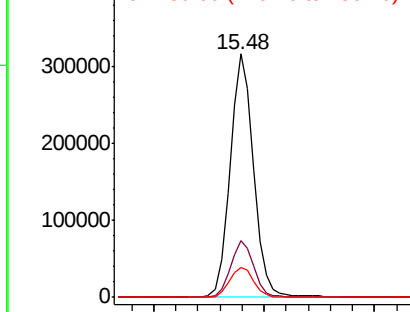
Tot Ion:	149	Resp:	469687
Ion Ratio	Lower	Upper	
149	100		
177	23.3	19.1	28.7
150	12.5	10.7	16.1

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



#60

4-Chlorophenyl-phenylether

Concen: 43.305 ng

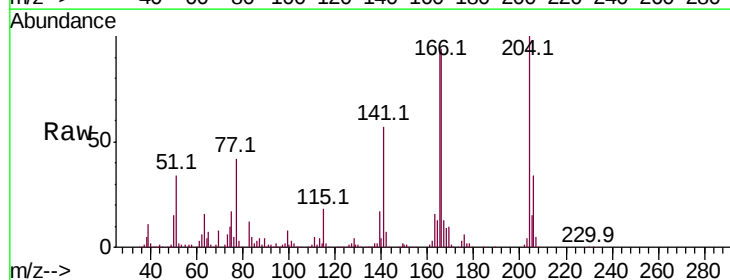
RT: 15.70 min Scan# 2113

Delta R.T. -0.01 min

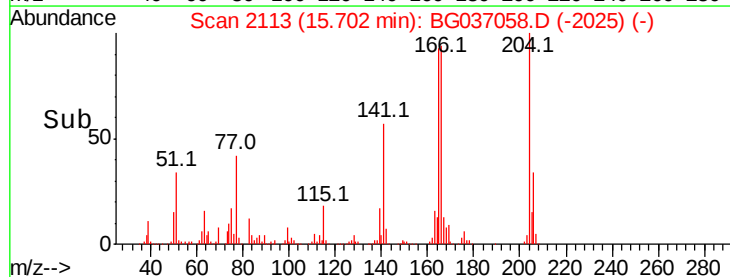
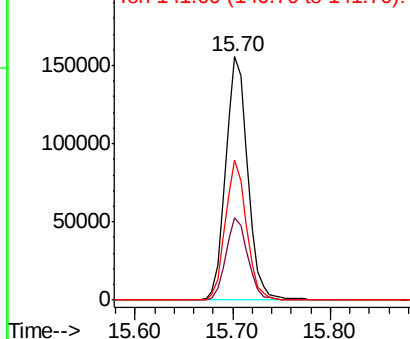
Lab File: BG037058.D

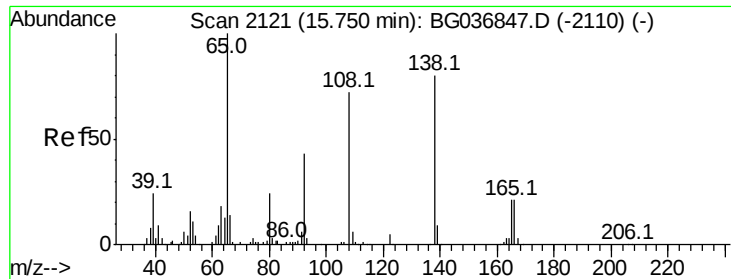
Acq: 28 Sep 2018 20:22

Tgt Ion:	204	Resp:	243708
Ion Ratio	Lower	Upper	
204	100		
206	33.9	27.0	40.4
141	57.4	43.8	65.6



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





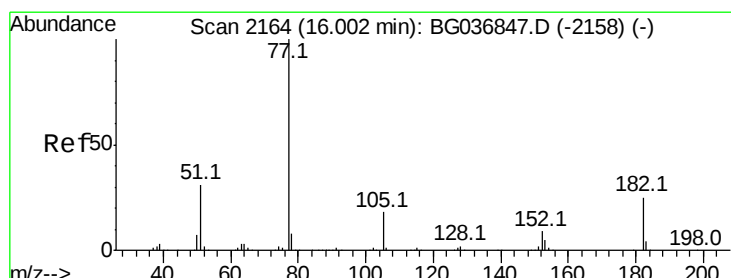
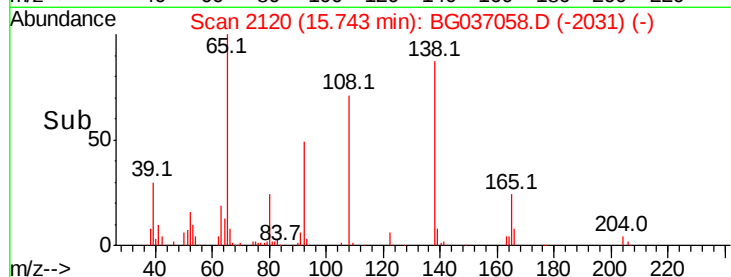
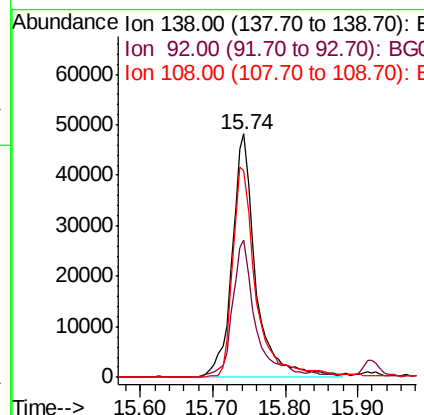
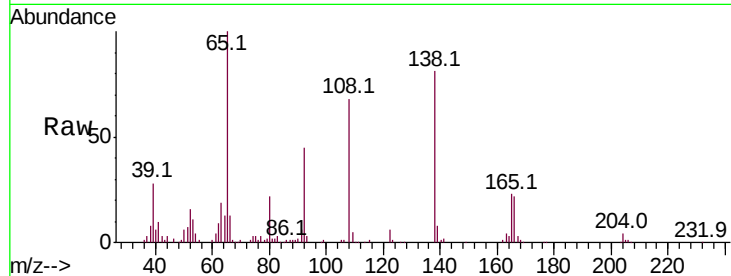
#61
4-Nitroaniline
Concen: 45.450 ng
RT: 15.74 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BG037058.D
Acq: 28 Sep 2018 20:22

Instrument :
BNA_G
ClientSampleId :
NB-08-092718MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	56.2	38.5	78.5
108	84.9	70.3	110.3

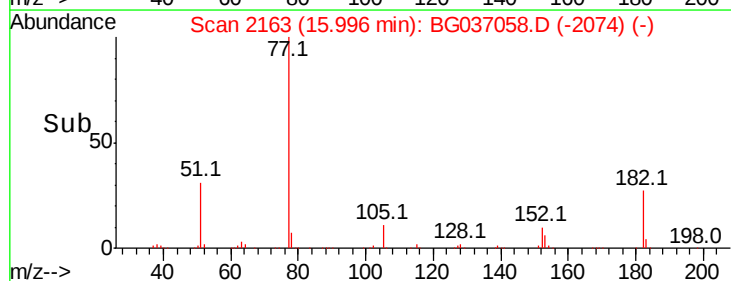
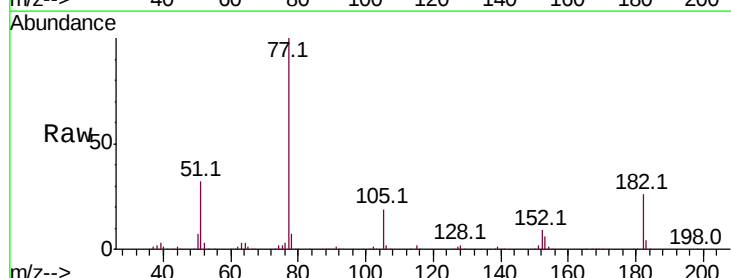
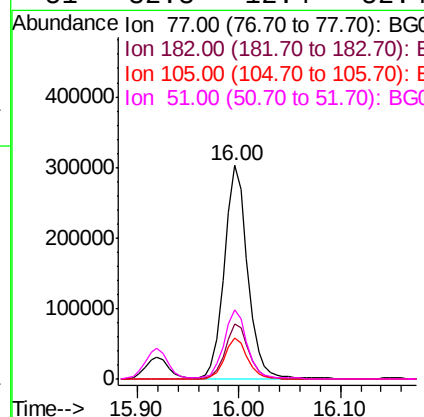
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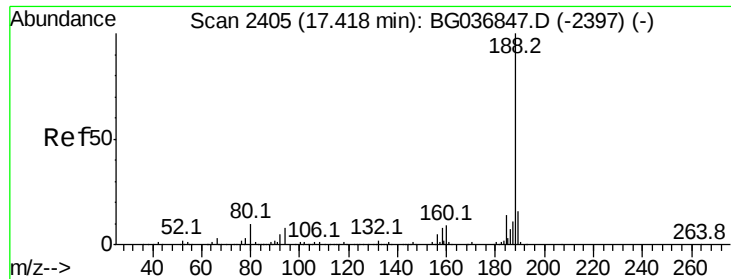
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#62
Azobenzene
Concen: 49.887 ng
RT: 16.00 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BG037058.D
Acq: 28 Sep 2018 20:22

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.6	6.7	46.7
105	19.1	0.0	39.8
51	32.3	12.4	52.4





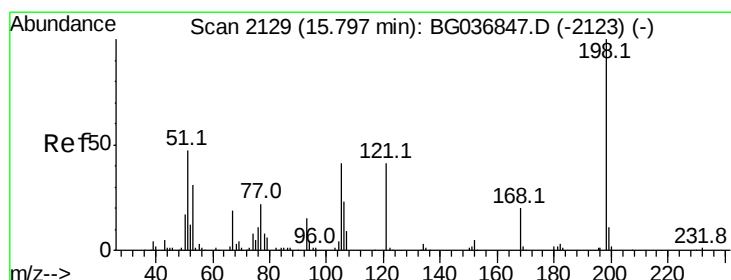
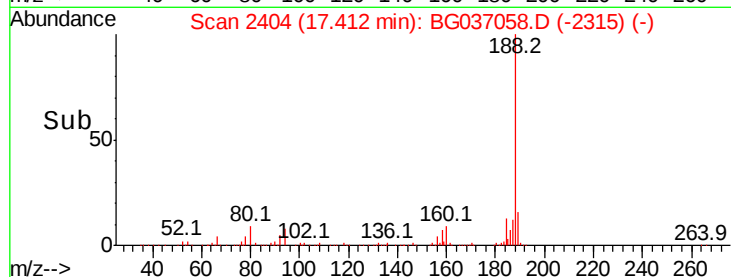
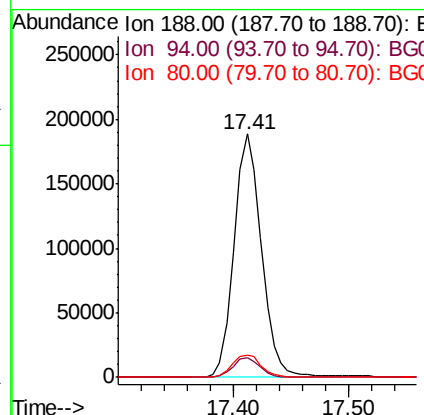
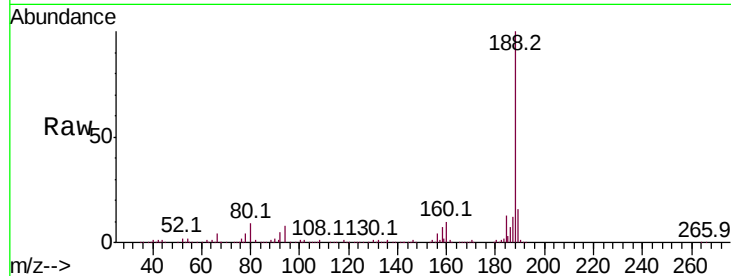
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BG037058.D
Acq: 28 Sep 2018 20:22

Instrument :
BNA_G
ClientSampleId :
NB-08-092718MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	7.8	6.7	10.1	
80	8.9	8.1	12.1	

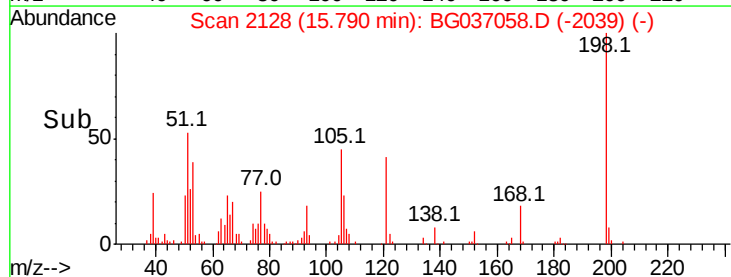
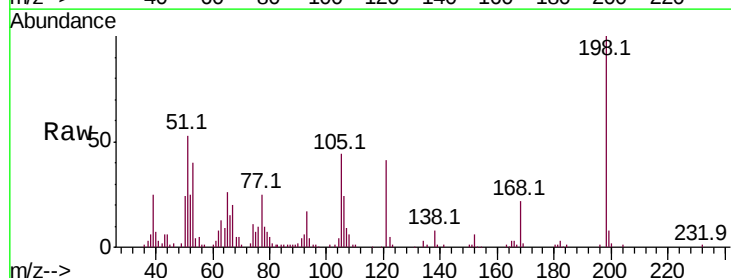
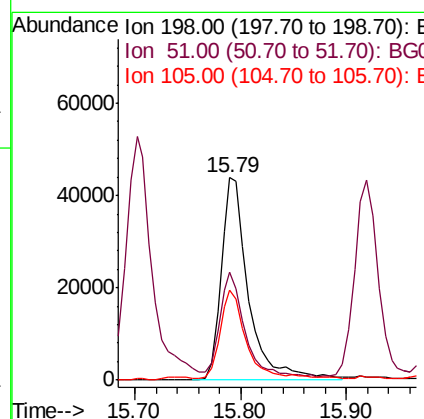
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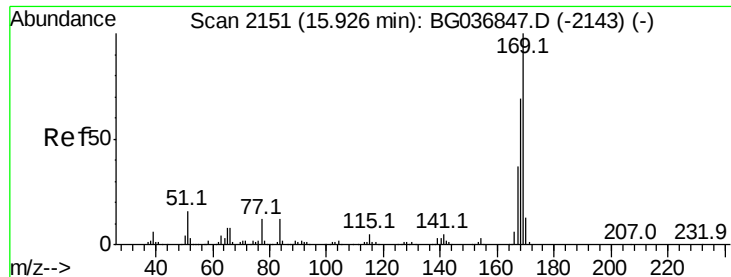
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#64
4,6-Dinitro-2-methylphenol
Concen: 48.849 ng
RT: 15.79 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BG037058.D
Acq: 28 Sep 2018 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	53.2	26.5	66.5	
105	44.4	20.2	60.2	





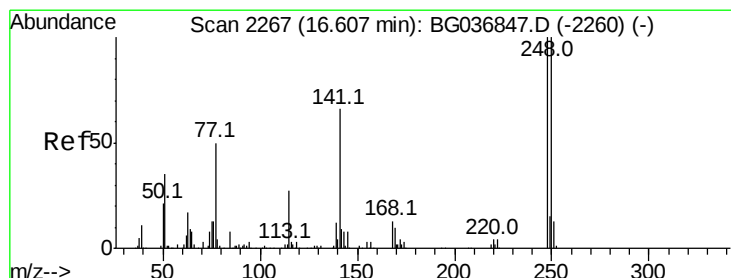
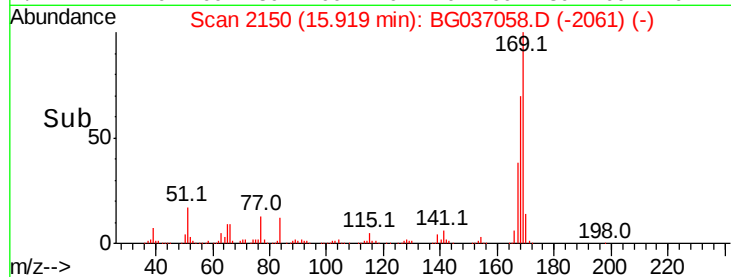
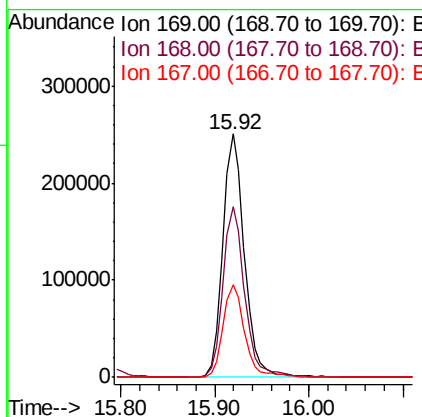
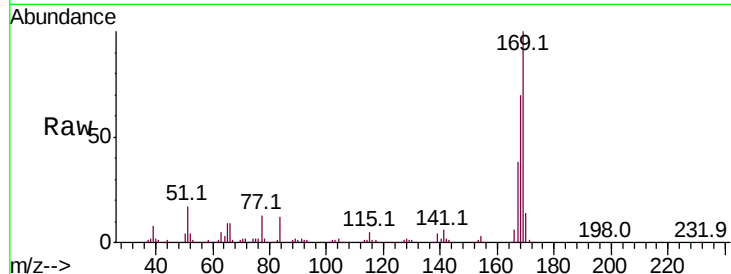
#65
n-Nitrosodiphenylamine
Concen: 46.845 ng
RT: 15.92 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG037058.D
Acq: 28 Sep 2018 20:22

Instrument :
BNA_G
ClientSampleId :
NB-08-092718MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	400995		
168	70.2		57.6	86.4
167	37.9		31.0	46.4

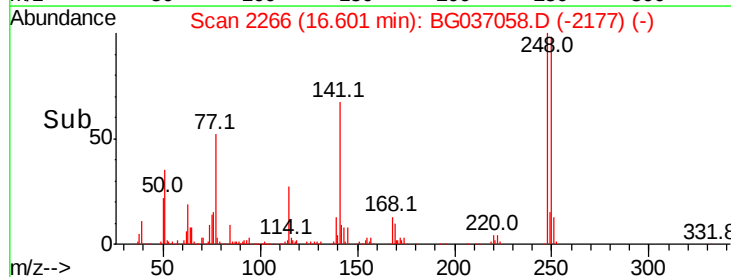
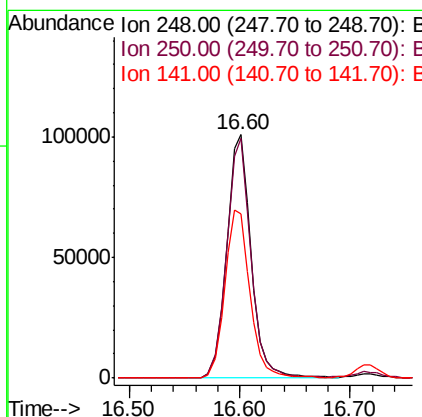
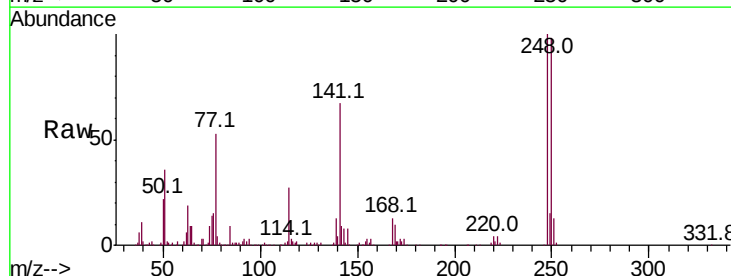
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#66
4-Bromophenyl-phenylether
Concen: 44.268 ng
RT: 16.60 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BG037058.D
Acq: 28 Sep 2018 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	156127		
250	98.2		78.1	117.1
141	67.4		53.7	80.5





#67

Hexachlorobenzene

Concen: 43.579 ng

RT: 16.72 min Scan# 2286

Delta R.T. -0.01 min

Lab File: BG037058.D

Acq: 28 Sep 2018 20:22

Instrument :

BNA_G

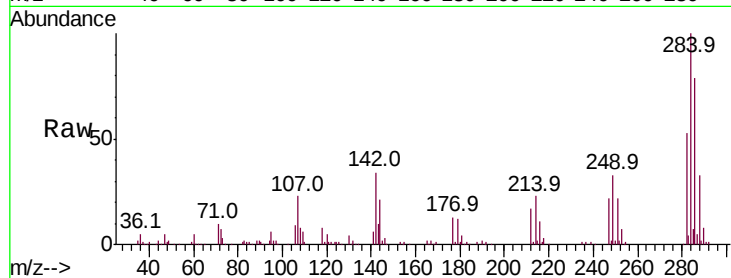
ClientSampleId :

NB-08-092718MSD

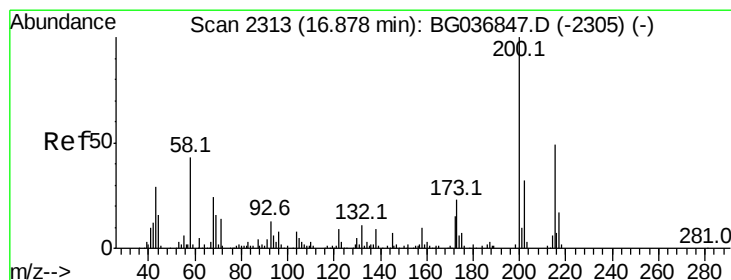
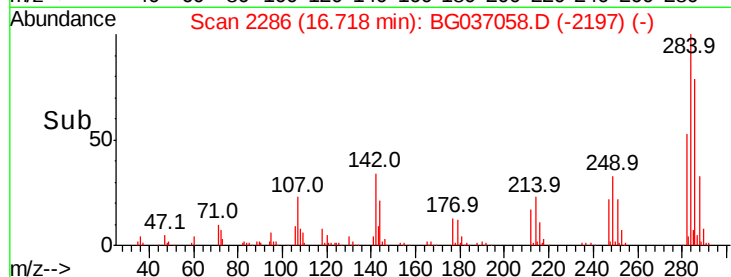
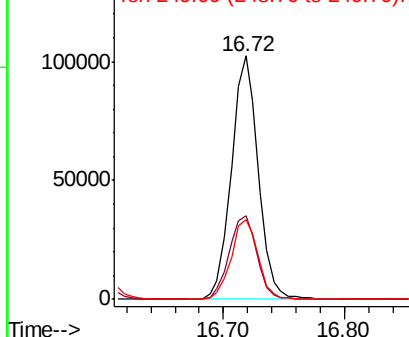
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	34.3	27.8	41.6	
249	33.0	27.4	41.2	

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



#68

Atrazine

Concen: 48.592 ng

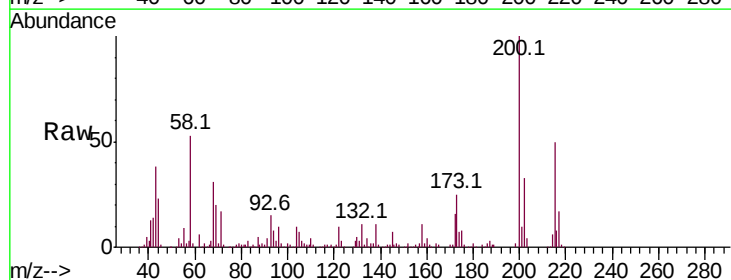
RT: 16.87 min Scan# 2311

Delta R.T. -0.01 min

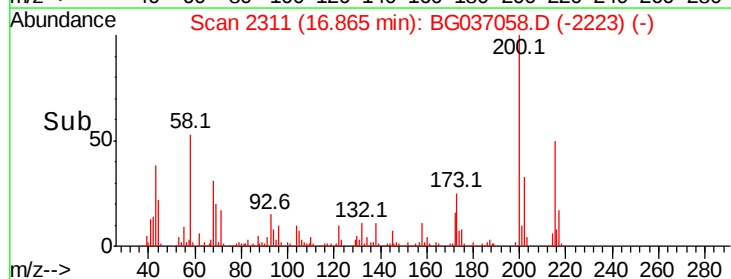
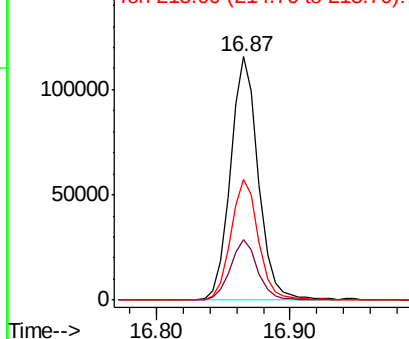
Lab File: BG037058.D

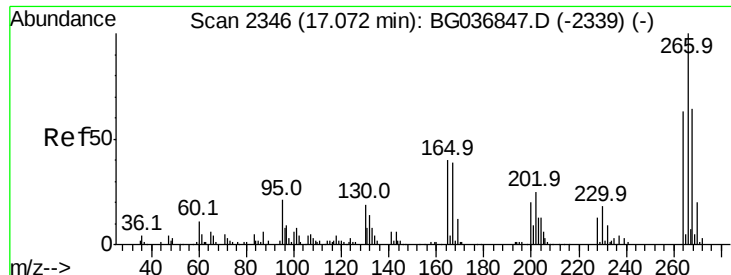
Acq: 28 Sep 2018 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	25.0	3.9	43.9	
215	49.6	30.4	70.4	



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





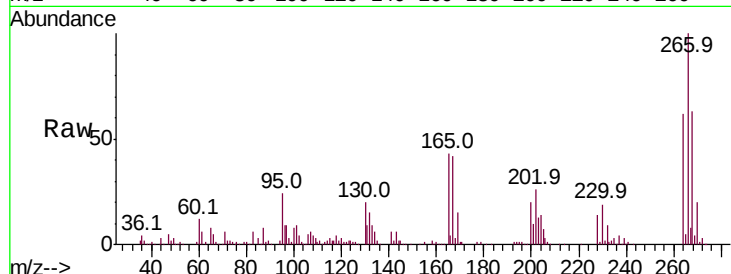
#69
 Pentachlorophenol
 Concen: 80.072 ng
 RT: 17.06 min Scan# 2344
 Delta R.T. -0.01 min
 Lab File: BG037058.D
 Acq: 28 Sep 2018 20:22

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-092718MSD

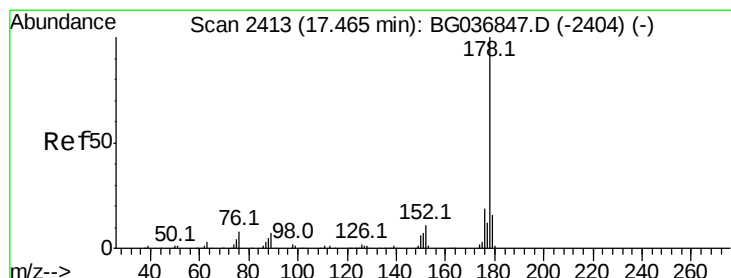
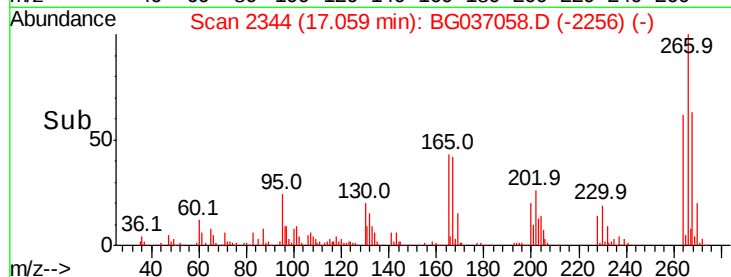
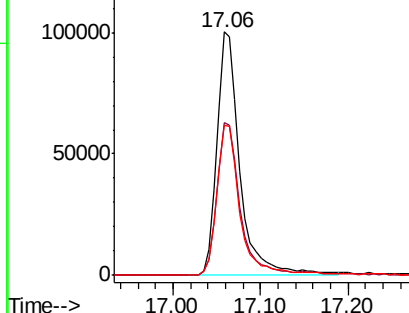
Tot Ion:	266	Resp:	183124
Ion Ratio	Lower	Upper	
266	100		
268	62.8	51.4	77.2
264	61.8	48.9	73.3

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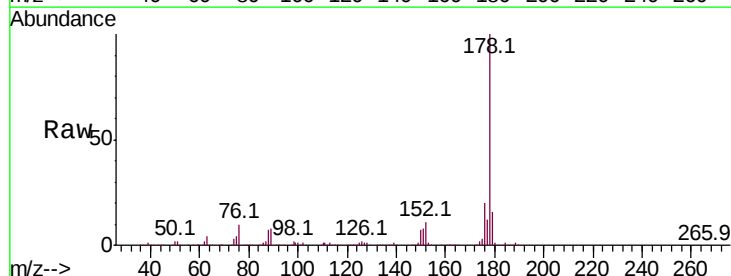


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

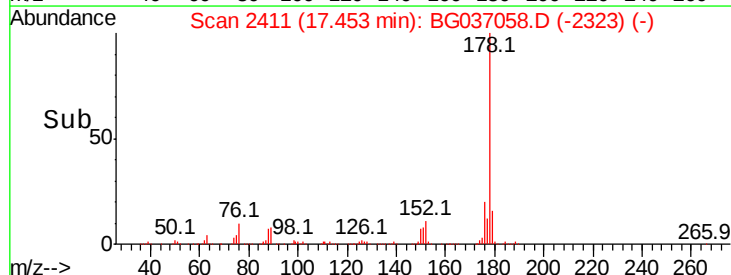
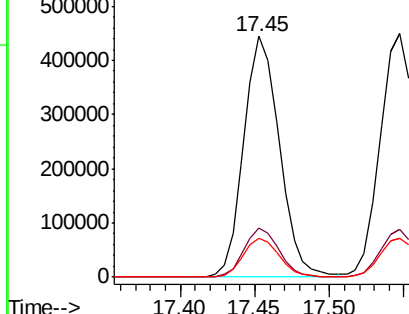


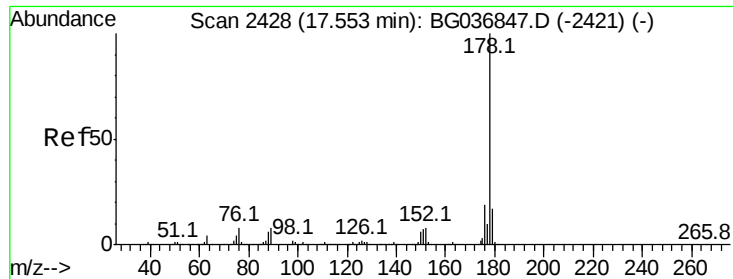
#70
 Phenanthrene
 Concen: 49.404 ng
 RT: 17.45 min Scan# 2411
 Delta R.T. -0.01 min
 Lab File: BG037058.D
 Acq: 28 Sep 2018 20:22

Tgt Ion:	178	Resp:	738191
Ion Ratio	Lower	Upper	
178	100		
176	20.3	15.4	23.2
179	16.4	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





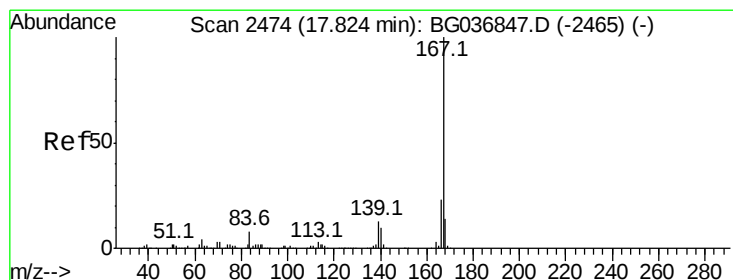
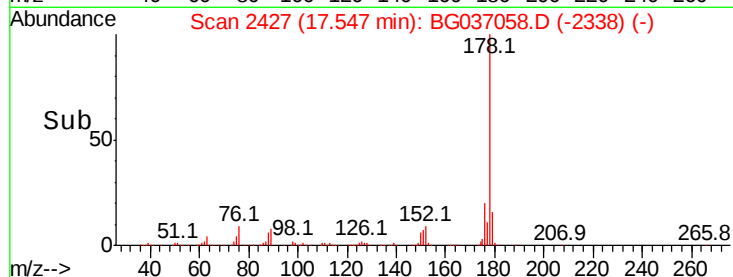
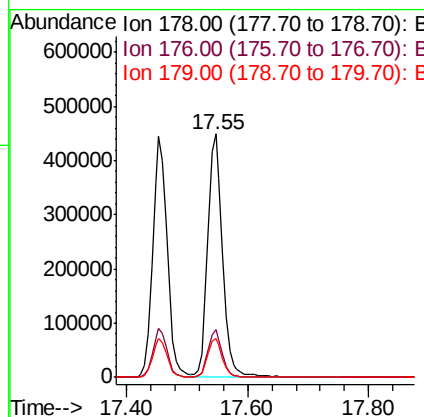
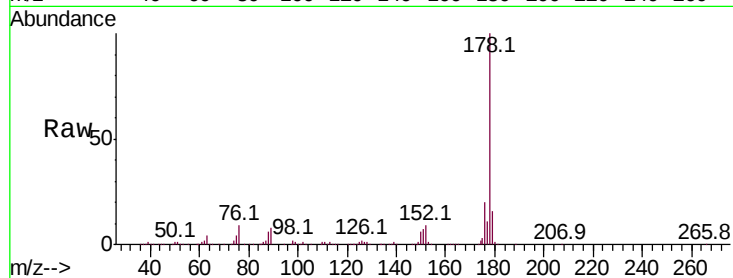
#71
 Anthracene
 Concen: 52.134 ng
 RT: 17.55 min Scan# 2427
 Delta R.T. -0.01 min
 Lab File: BG037058.D
 Acq: 28 Sep 2018 20:22

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-092718MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	16.1	13.0	19.4

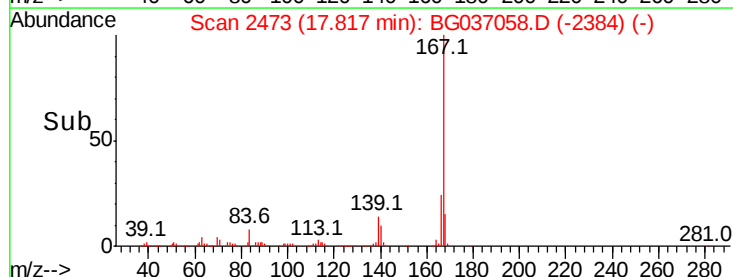
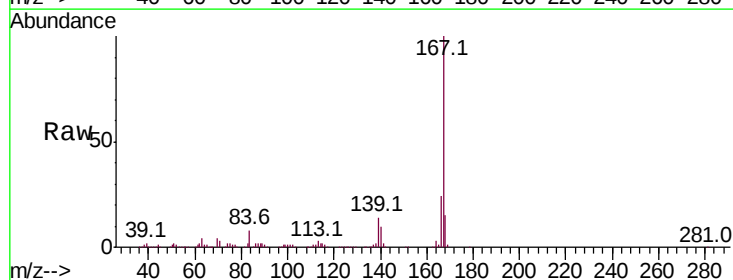
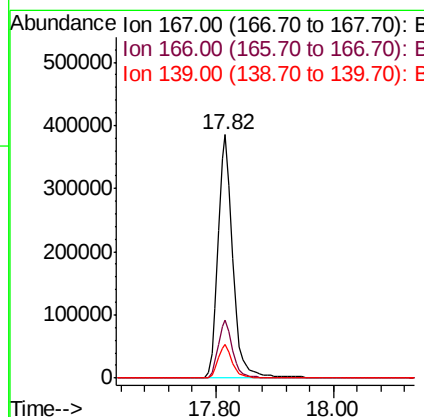
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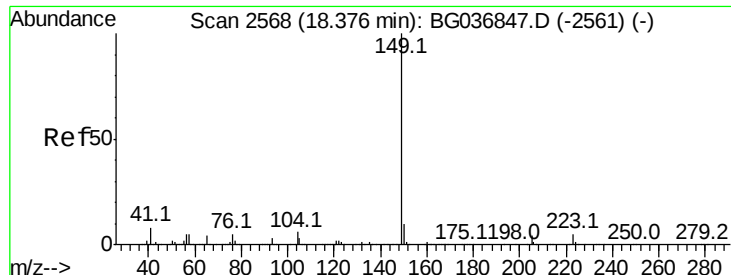
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#72
 Carbazole
 Concen: 46.733 ng
 RT: 17.82 min Scan# 2473
 Delta R.T. -0.01 min
 Lab File: BG037058.D
 Acq: 28 Sep 2018 20:22

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.8	19.5	29.3
139	13.8	10.7	16.1





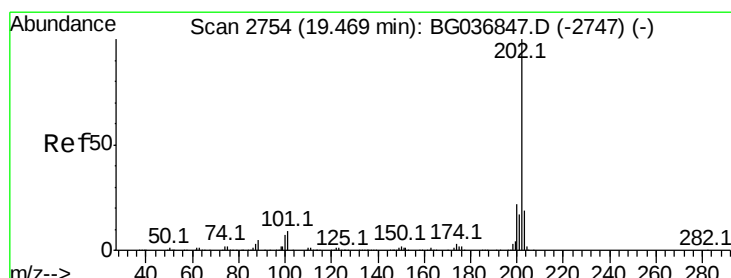
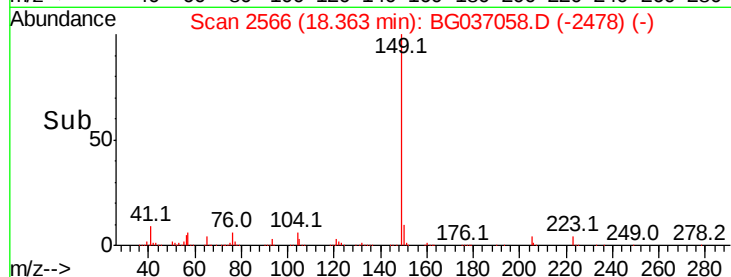
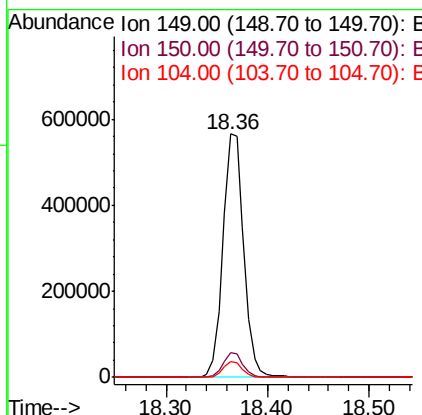
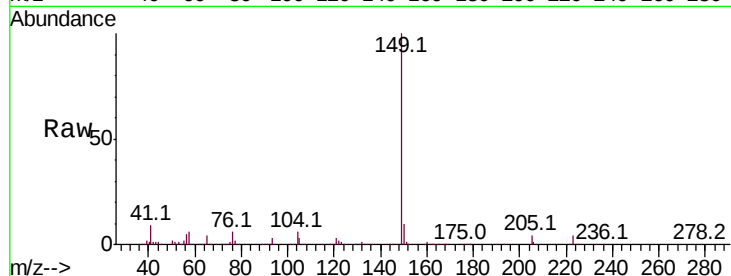
#73
Di-n-butylphthalate
Concen: 50.257 ng
RT: 18.36 min Scan# 2566
Delta R.T. -0.01 min
Lab File: BG037058.D
Acq: 28 Sep 2018 20:22

Instrument :
BNA_G
ClientSampleId :
NB-08-092718MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	10.1	8.1	12.1	
104	6.3	4.6	6.8	

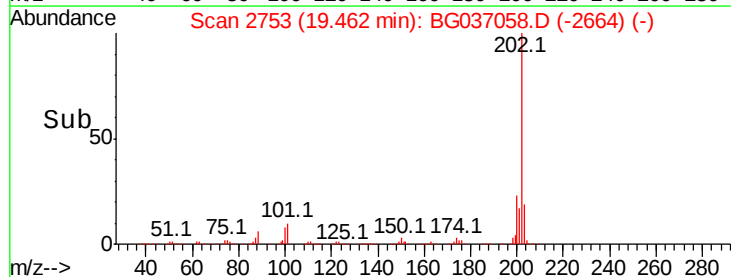
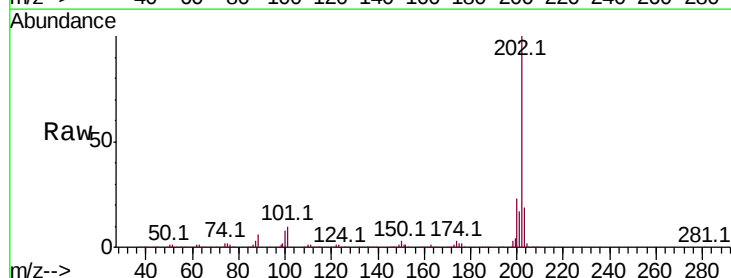
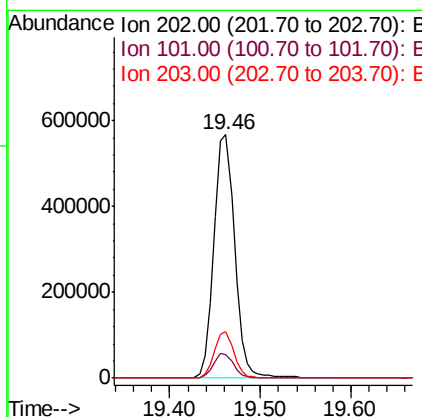
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#74
Fluoranthene
Concen: 50.284 ng
RT: 19.46 min Scan# 2753
Delta R.T. -0.01 min
Lab File: BG037058.D
Acq: 28 Sep 2018 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	9.8	0.0	29.4	
203	19.1	0.0	38.9	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG037058.D

Acq: 28 Sep 2018 20:22

Instrument :

BNA_G

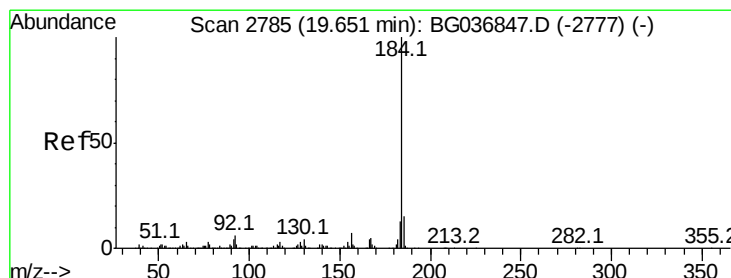
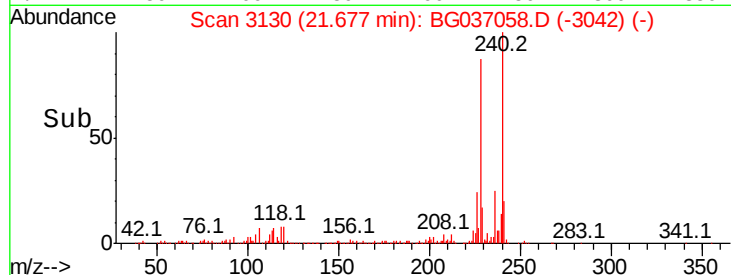
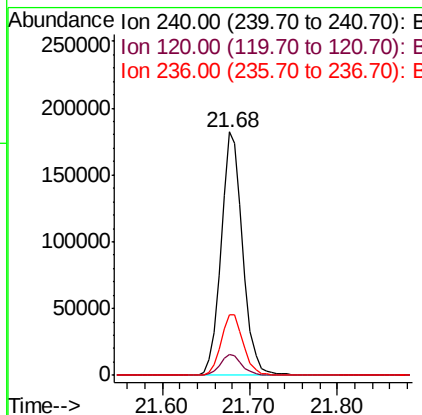
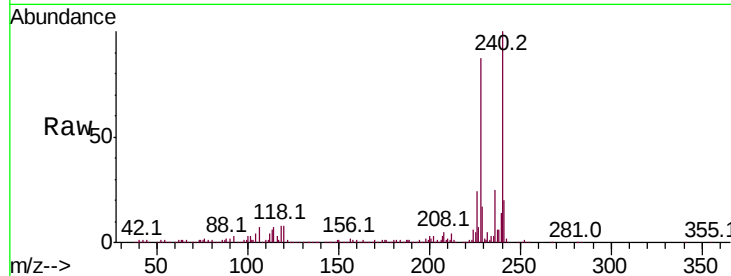
ClientSampleId :

NB-08-092718MSD

Tot Ion:	240	Resp:	309551
Ion Ratio	Lower	Upper	
240	100		
120	8.4	6.9	10.3
236	24.8	21.2	31.8

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#76

Benzidine

Concen: 14.821 ng

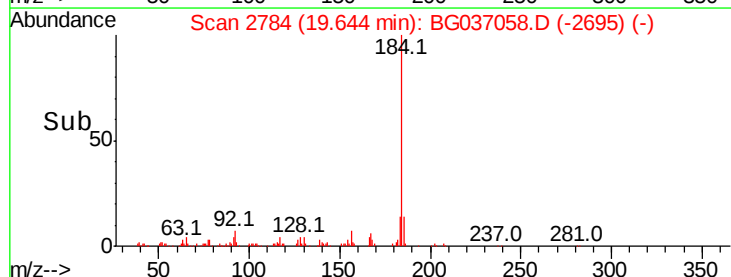
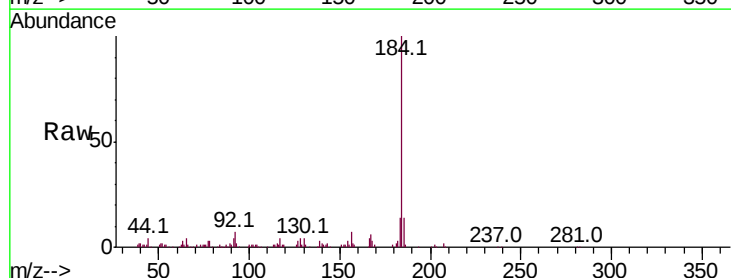
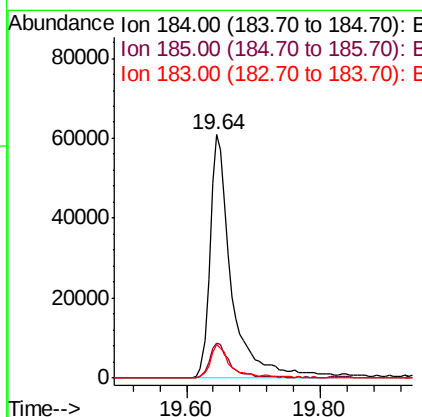
RT: 19.64 min Scan# 2784

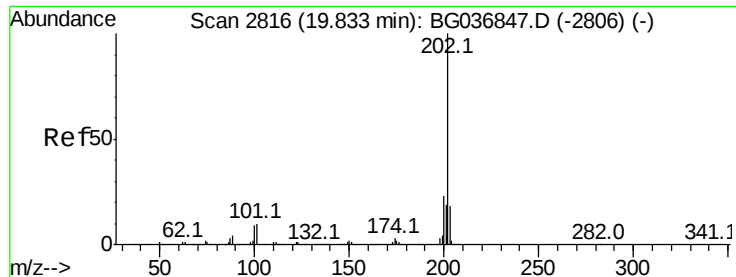
Delta R.T. -0.01 min

Lab File: BG037058.D

Acq: 28 Sep 2018 20:22

Tgt Ion:	184	Resp:	138692
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.6	18.8
183	13.6	10.9	16.3





#77

Pvrene

Concen: 48.524 ng

RT: 19.82 min Scan# 2814

Delta R.T. -0.01 min

Lab File: BG037058.D

Acq: 28 Sep 2018 20:22

Instrument :

BNA_G

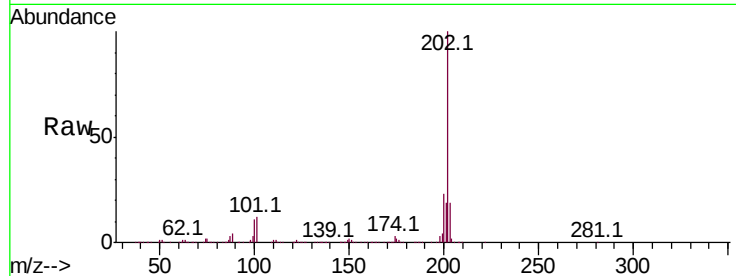
ClientSampleId :

NB-08-092718MSD

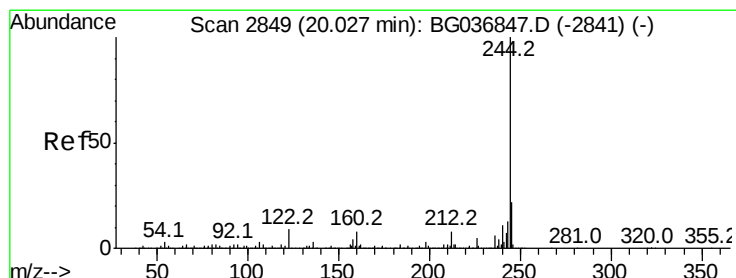
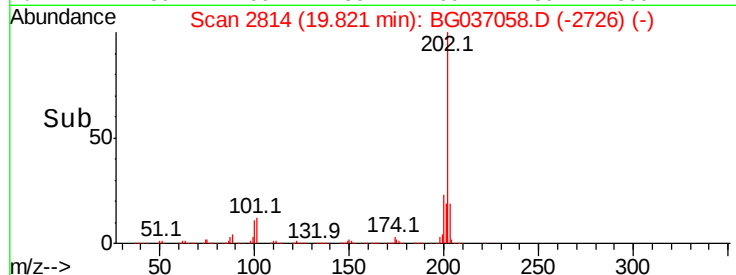
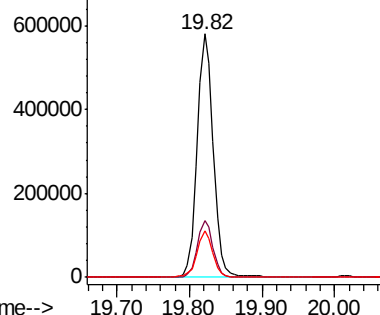
Tot Ion:	202	Resp:	901371
Ion Ratio	Lower	Upper	
202	100		
200	23.1	18.3	27.5
203	18.9	15.1	22.7

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 92.042 ng

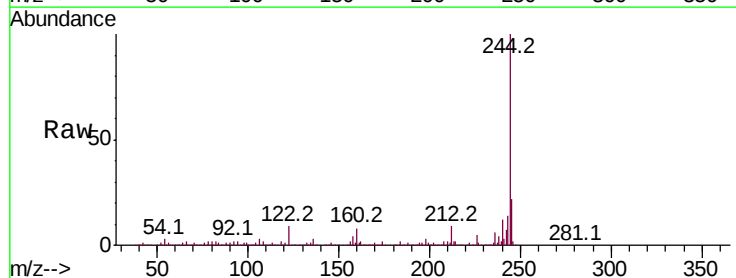
RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

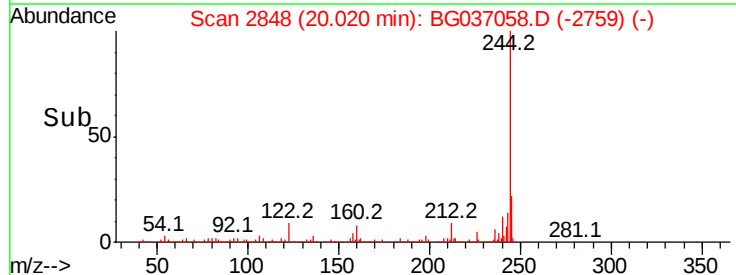
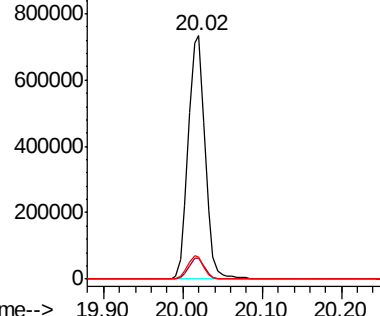
Lab File: BG037058.D

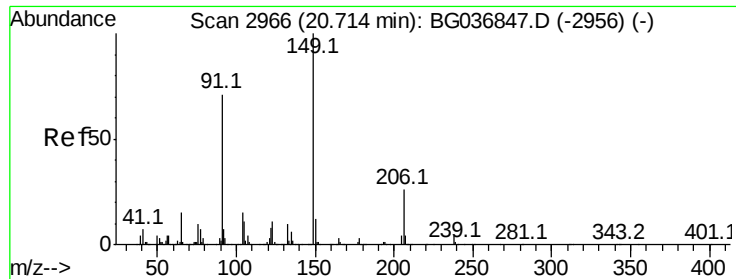
Acq: 28 Sep 2018 20:22

Tgt Ion:	244	Resp:	1083548
Ion Ratio	Lower	Upper	
244	100		
212	8.6	7.0	10.6
122	8.9	7.1	10.7



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





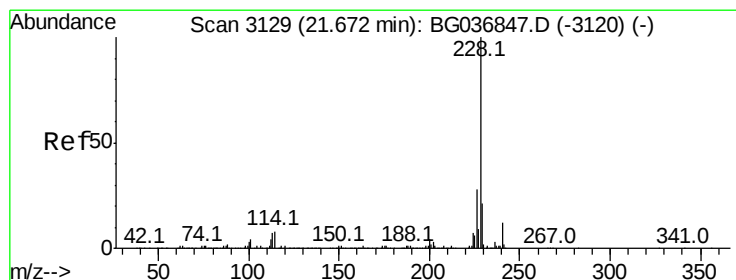
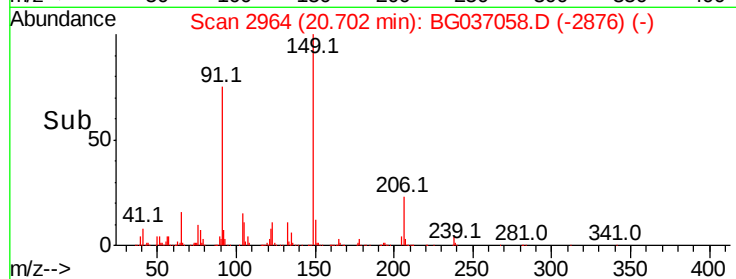
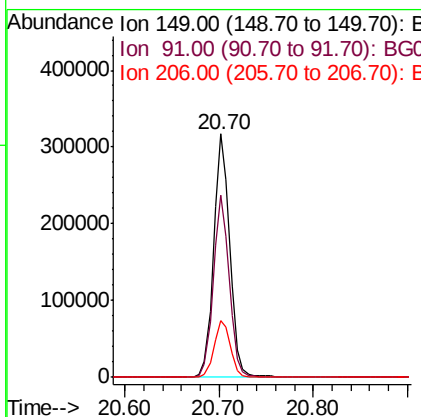
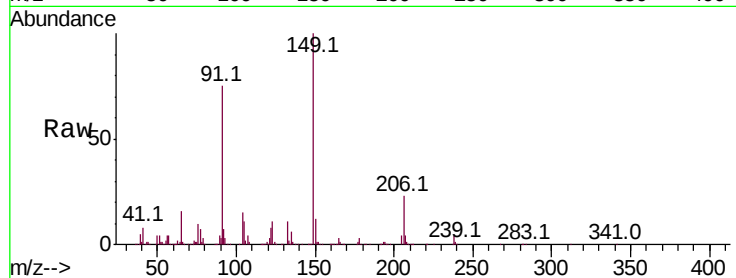
#79
Butylbenzylphthalate
Concen: 51.966 ng
RT: 20.70 min Scan# 2964
Delta R.T. -0.01 min
Lab File: BG037058.D
Acq: 28 Sep 2018 20:22

Instrument :
BNA_G
ClientSampleId :
NB-08-092718MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	75.1	62.0	93.0
206	23.4	19.6	29.4

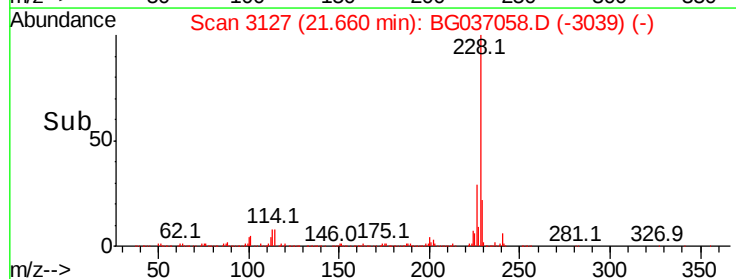
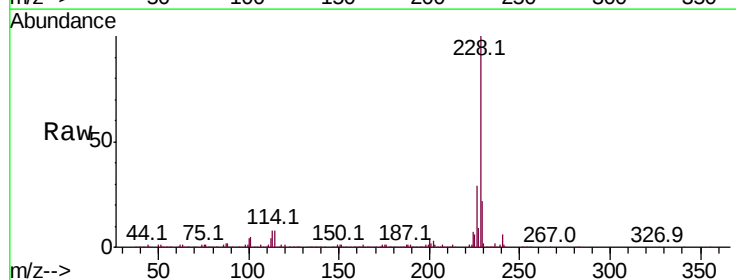
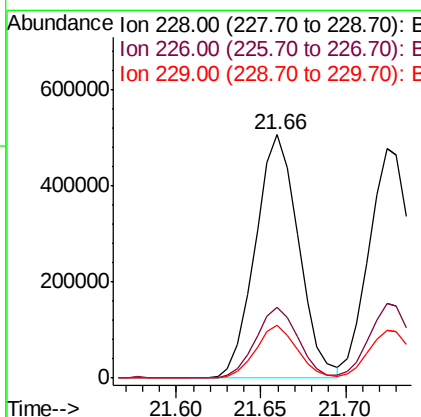
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#80
Benzo(a)anthracene
Concen: 49.628 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG037058.D
Acq: 28 Sep 2018 20:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.4	35.2
229	21.5	17.1	25.7





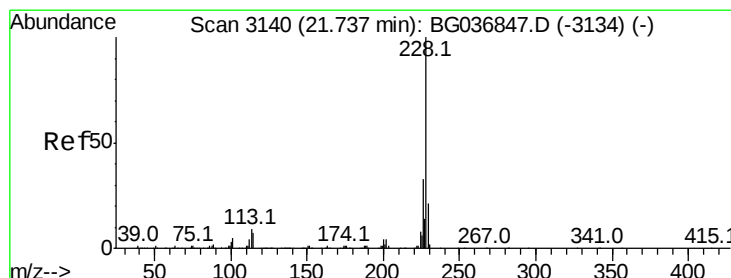
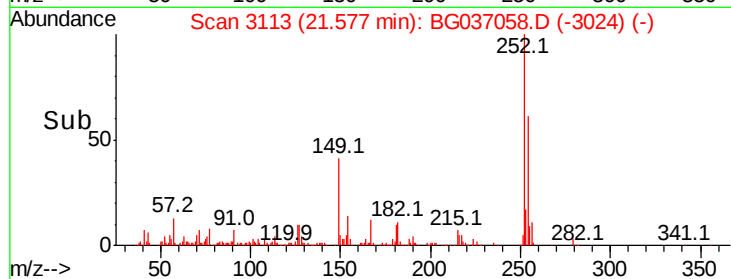
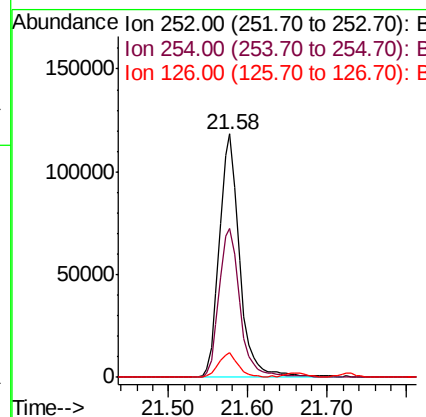
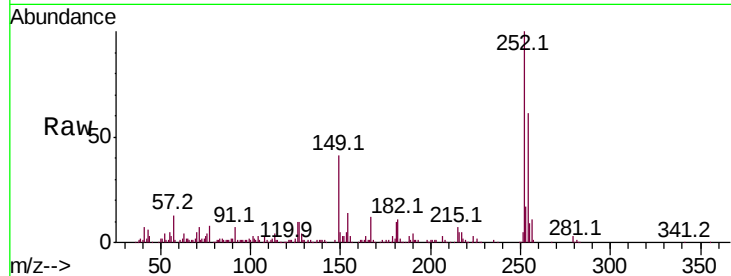
#81
 3,3'-Dichlorobenzidine
 Concen: 30.624 ng
 RT: 21.58 min Scan# 3113
 Delta R.T. -0.01 min
 Lab File: BG037058.D
 Acq: 28 Sep 2018 20:22

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-092718MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	210633		
254	61.3	51.0	76.4	
126	10.1	7.4	11.0	

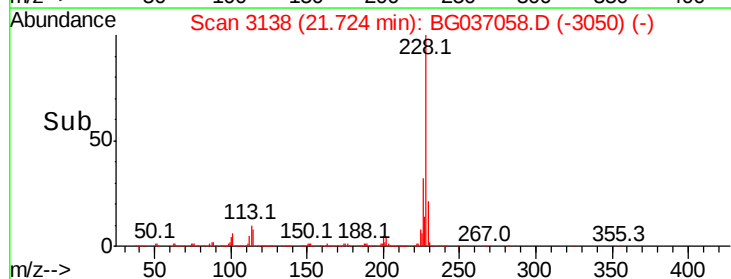
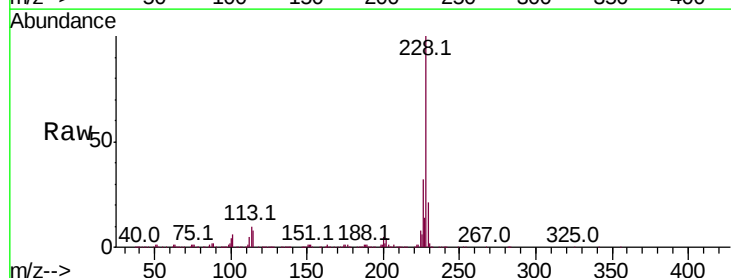
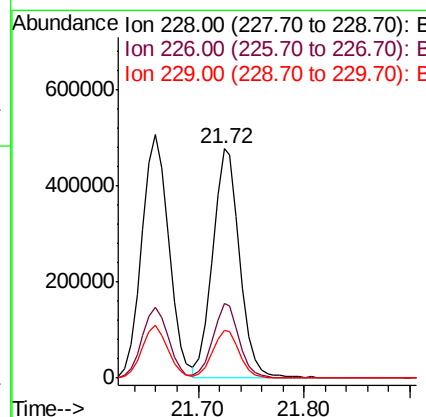
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#82
 Chrysene
 Concen: 48.601 ng
 RT: 21.72 min Scan# 3138
 Delta R.T. -0.01 min
 Lab File: BG037058.D
 Acq: 28 Sep 2018 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	848537		
226	32.3	25.5	38.3	
229	21.0	16.9	25.3	





#83

Bis(2-ethylhexyl)phthalate

Concen: 51.331 ng

RT: 21.56 min Scan# 3110

Delta R.T. -0.01 min

Lab File: BG037058.D

Acq: 28 Sep 2018 20:22

Instrument :

BNA_G

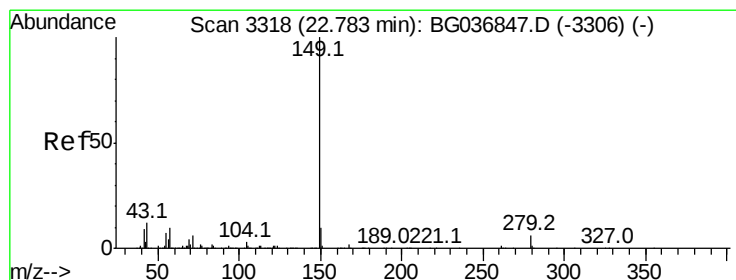
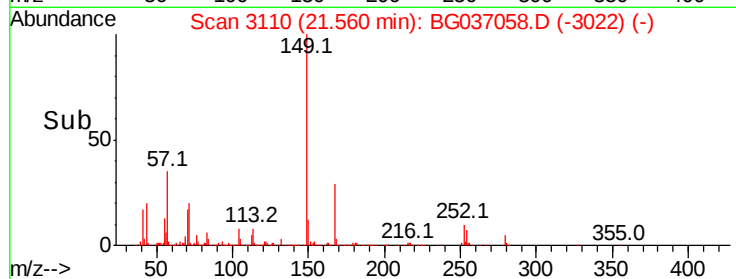
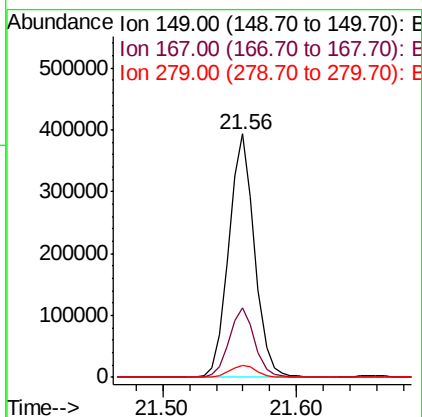
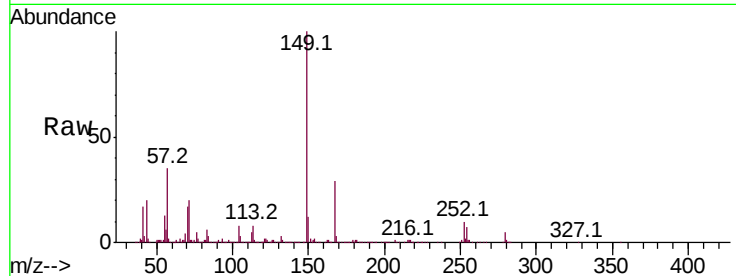
ClientSampleId :

NB-08-092718MSD

Tot Ion:	149	Resp:	530941
Ion Ratio	Lower	Upper	
149	100		
167	28.6	23.4	35.0
279	5.0	4.6	7.0

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#84

Di-n-octyl phthalate

Concen: 52.686 ng

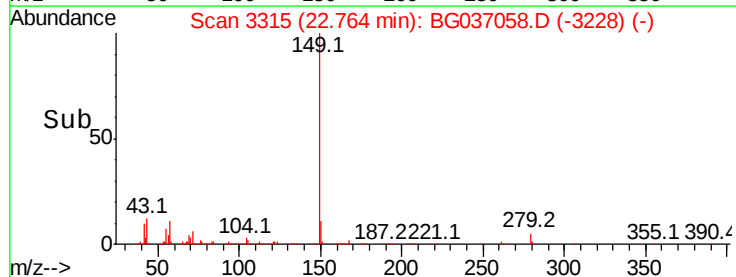
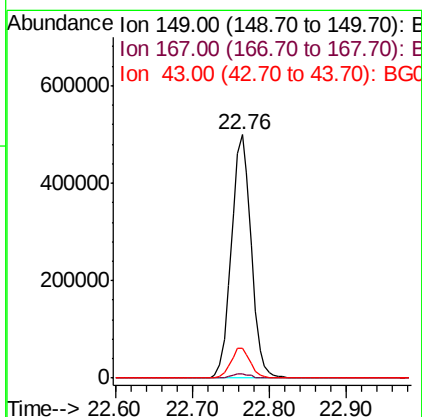
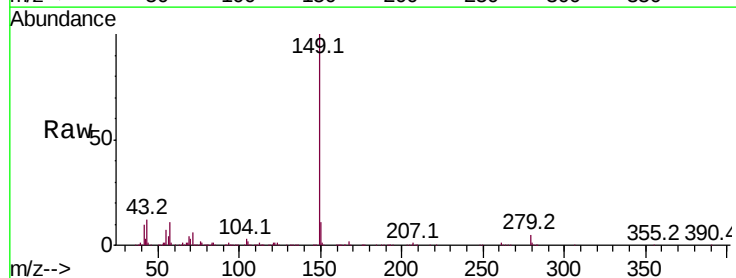
RT: 22.76 min Scan# 3315

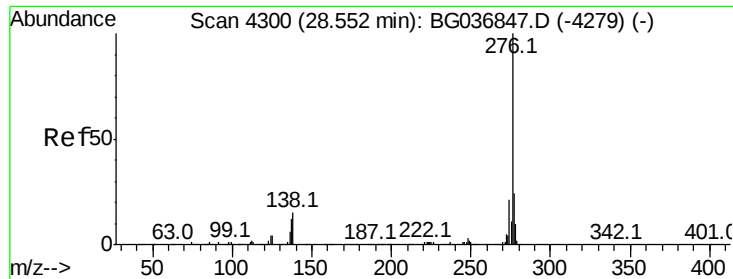
Delta R.T. -0.02 min

Lab File: BG037058.D

Acq: 28 Sep 2018 20:22

Tgt Ion:	149	Resp:	897255
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	12.3	10.0	15.0





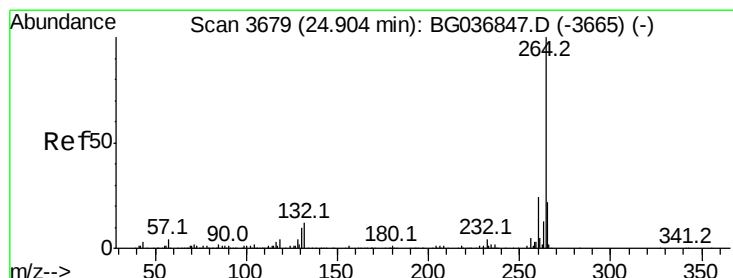
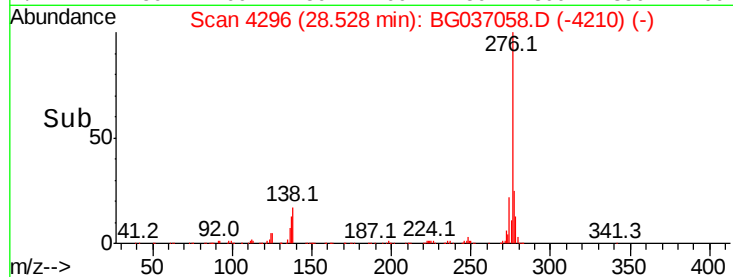
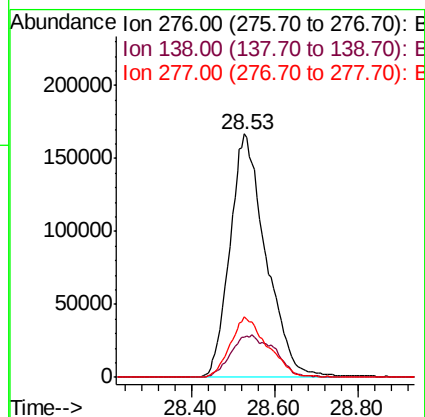
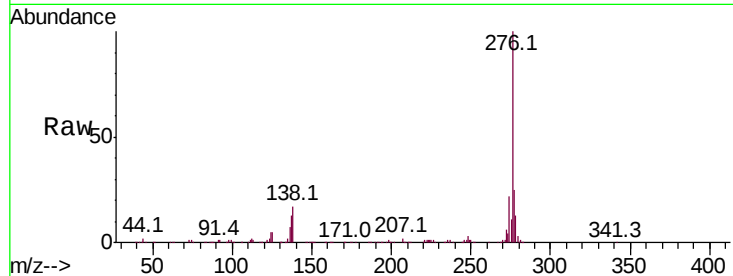
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 53.441 ng
 RT: 28.53 min Scan# 4296
 Delta R.T. -0.02 min
 Lab File: BG037058.D
 Acq: 28 Sep 2018 20:22

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-092718MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.4	10.6	15.8#
277	25.5	20.6	30.8

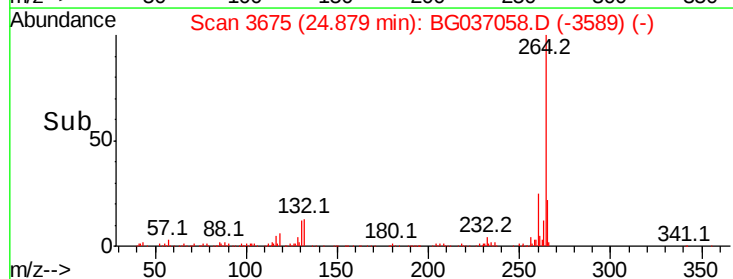
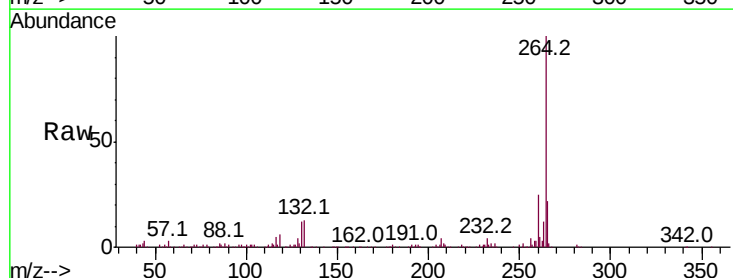
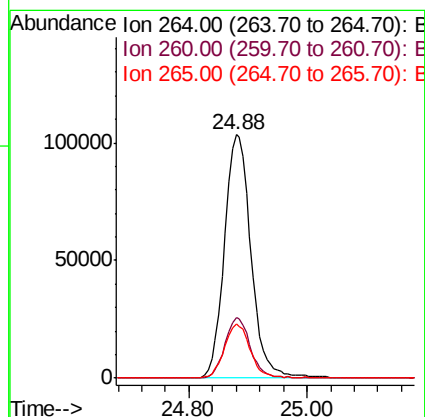
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.88 min Scan# 3675
 Delta R.T. -0.02 min
 Lab File: BG037058.D
 Acq: 28 Sep 2018 20:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.6	29.4
265	22.3	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 50.121 ng

RT: 23.86 min Scan# 3502

Delta R.T. -0.02 min

Lab File: BG037058.D

Acq: 28 Sep 2018 20:22

Instrument :

BNA_G

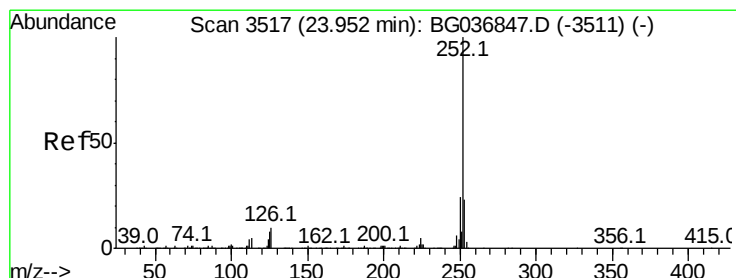
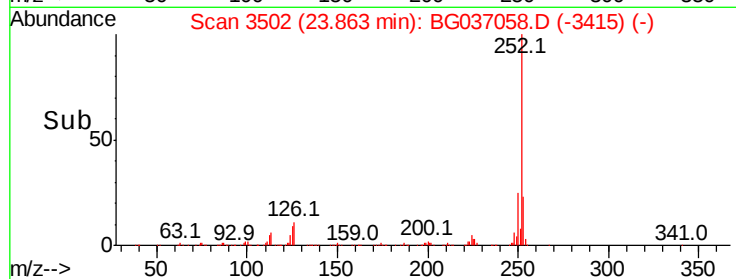
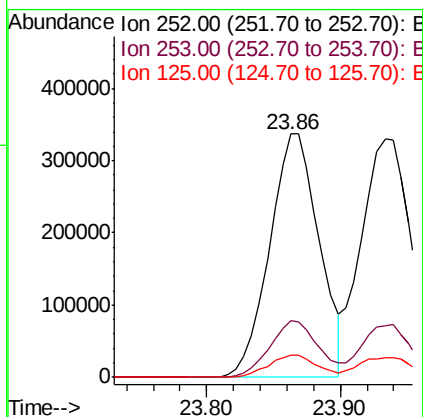
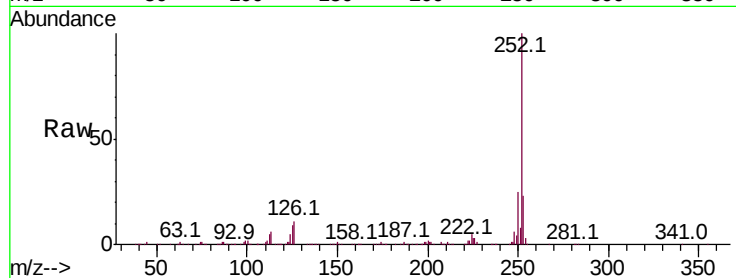
ClientSampleId :

NB-08-092718MSD

Tot Ion:	252	Resp:	866642
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.1	25.7
125	8.9	6.6	10.0

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#88

Benzo(k)fluoranthene

Concen: 50.578 ng

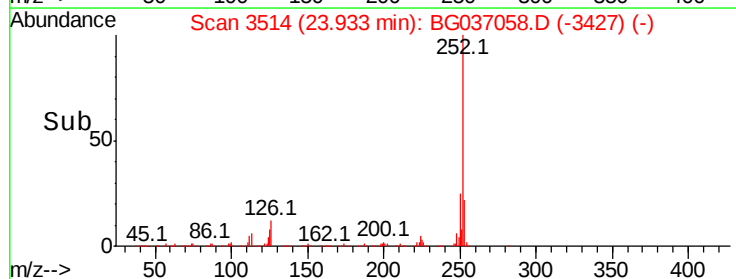
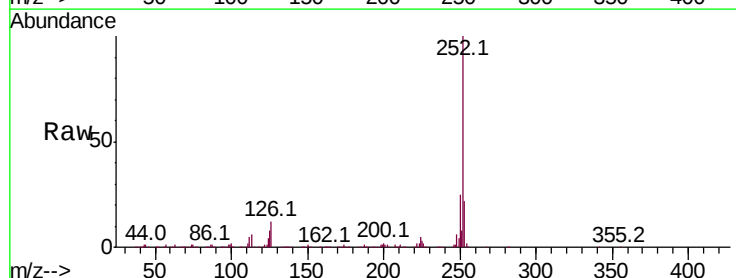
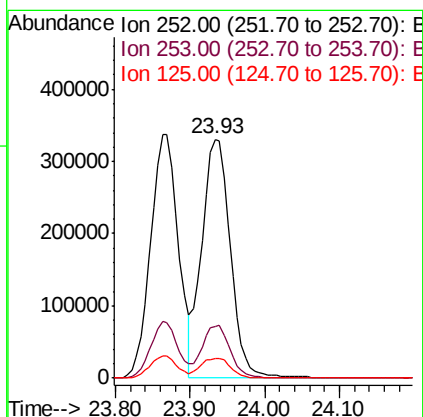
RT: 23.93 min Scan# 3514

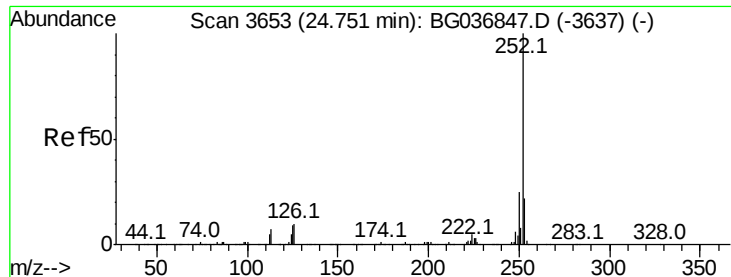
Delta R.T. -0.02 min

Lab File: BG037058.D

Acq: 28 Sep 2018 20:22

Tgt Ion:	252	Resp:	877393
Ion Ratio	Lower	Upper	
252	100		
253	21.7	18.0	27.0
125	8.4	7.0	10.6





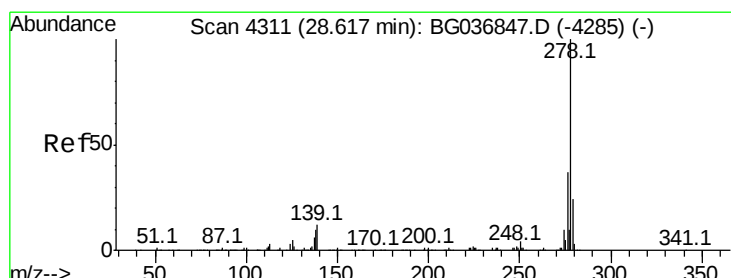
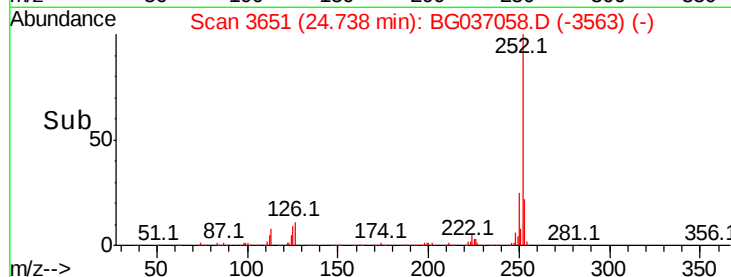
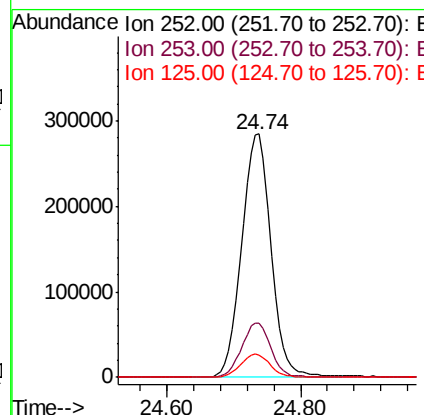
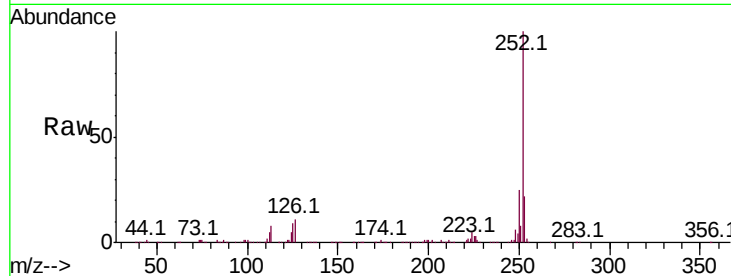
#89
Benzo(a)pyrene
Concen: 51.537 ng
RT: 24.74 min Scan# 3651
Delta R.T. -0.01 min
Lab File: BG037058.D
Acq: 28 Sep 2018 20:22

Instrument :
BNA_G
ClientSampleId :
NB-08-092718MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	9.4	7.3	10.9

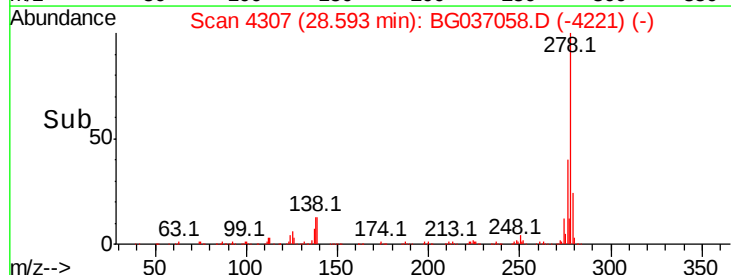
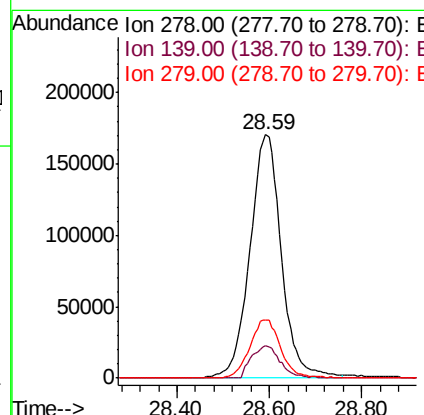
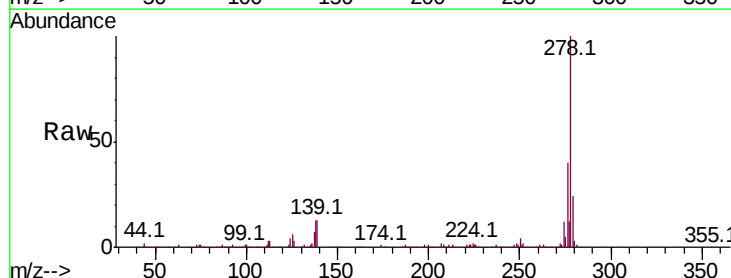
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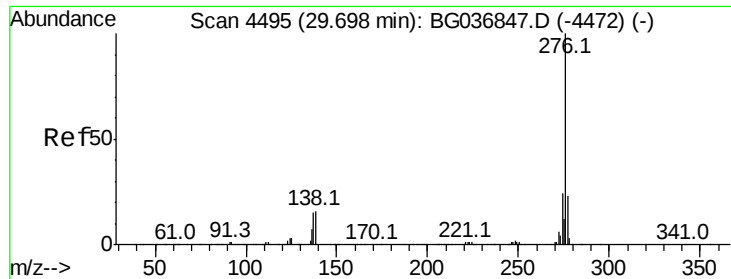
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#90
Dibenzo(a,h)anthracene
Concen: 51.608 ng
RT: 28.59 min Scan# 4307
Delta R.T. -0.02 min
Lab File: BG037058.D
Acq: 28 Sep 2018 20:22

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.4	11.0	16.4
279	24.0	18.7	28.1





#91
 Benzo(a,h,i)perylene
 Concen: 52.407 ng
 RT: 29.67 min Scan# 4491
 Delta R.T. -0.02 min
 Lab File: BG037058.D
 Acq: 28 Sep 2018 20:22

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-092718MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.4	27.6
138	18.7	14.6	22.0

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