

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091718\
 Data File : BG036749.D
 Acq On : 17 Sep 2018 11:30
 Operator : JU/SJ
 Sample : PB112885BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB112885BS

Manual Integrations
 APPROVED

Sohil
 9/18/2018 6:18:09 PM

Quant Time: Sep 17 12:13:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	63144	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	280385	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	182586	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	467701	20.00	ng	0.00
75) Chrysene-d12	21.69	240	464170	20.00	ng	0.00
86) Perylene-d12	24.89	264	449315	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	437663	109.95	ng	0.00
7) Phenol-d6	7.22	99	593702	104.17	ng	0.00
23) Nitrobenzene-d5	9.21	82	355947	68.88	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	252399	115.85	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	842505	65.88	ng	-0.01
78) Terphenyl-d14	20.02	244	1362960	68.63	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	61035	32.855	ng	98
3) Pyridine	3.93	79	171308	32.852	ng	97
4) n-Nitrosodimethylamine	3.84	42	90712	39.057	ng	95
6) Aniline	7.37	93	228119	31.534	ng	100
8) 2-Chlorophenol	7.62	128	174402	40.402	ng	97
9) Benzaldehyde	7.19	77	101888	25.961	ng	98
10) Phenol	7.24	94	244881	41.059	ng	98
11) bis(2-Chloroethyl)ether	7.47	93	173559	36.706	ng	100
12) 1,3-Dichlorobenzene	7.94	146	183773	37.283	ng	97
13) 1,4-Dichlorobenzene	8.09	146	185054	37.185	ng	98
14) 1,2-Dichlorobenzene	8.40	146	174842	36.788	ng	97
15) Benzyl Alcohol	8.29	79	179052	38.972	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.57	45	332254	34.844	ng	97
17) 2-Methylphenol	8.49	107	162878	41.128	ng	98
18) Hexachloroethane	9.13	117	68657	38.479	ng	96
19) n-Nitroso-di-n-propylamine	8.86	70	146835	34.473	ng	95
20) 3+4-Methylphenols	8.81	107	224513	40.606	ng	98
22) Acetophenone	8.87	105	274674	37.306	ng	# 97
24) Nitrobenzene	9.25	77	217882	39.099	ng	97
25) Isophorone	9.78	82	409999	39.938	ng	98
26) 2-Nitrophenol	9.97	139	95605	43.295	ng	98
27) 2,4-Dimethylphenol	10.02	122	177567	43.433	ng	98
28) bis(2-Chloroethoxy)methane	10.26	93	243045	38.575	ng	98
29) 2,4-Dichlorophenol	10.50	162	190373	42.489	ng	97
30) 1,2,4-Trichlorobenzene	10.72	180	193638	36.943	ng	97
31) Naphthalene	10.91	128	546823	39.014	ng	99
32) Benzoic acid	10.15	122	77776	27.745	ng	99
33) 4-Chloroaniline	11.01	127	182650	28.438	ng	99
34) Hexachlorobutadiene	11.19	225	130501	37.057	ng	99
35) Caprolactam	11.79	113	70976m	39.765	ng	
36) 4-Chloro-3-methylphenol	12.13	107	209895	40.317	ng	99
37) 2-Methylnaphthalene	12.50	142	424452	41.387	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	243953	37.755	ng	98
40) Hexachlorocyclopentadiene	12.85	237	294392	87.566	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	164985	41.917	nq	98
43) 2,4,5-Trichlorophenol	13.18	196	177594	42.302	nq	98
45) 1,1'-Biphenyl	13.51	154	550147	36.299	nq	98
46) 2-Chloronaphthalene	13.56	162	422352	36.503	nq	99
47) 2-Nitroaniline	13.76	65	152385	41.941	nq	96
48) Acenaphthylene	14.40	152	710862	39.312	nq	99
49) Dimethylphthalate	14.13	163	578632	38.810	nq	98
50) 2,6-Dinitrotoluene	14.25	165	126425	41.209	nq	99
51) Acenaphthene	14.74	154	417756	36.073	nq	99
52) 3-Nitroaniline	14.58	138	109038	32.981	nq	96
53) 2,4-Dinitrophenol	14.78	184	116421	100.186	nq	96
54) Dibenzofuran	15.07	168	680198	37.490	nq	99
55) 4-Nitrophenol	14.88	139	211396	78.204	nq	98
56) 2,4-Dinitrotoluene	15.04	165	178973	44.761	nq	91
57) Fluorene	15.72	166	546745	40.310	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.29	232	179592	45.531	nq	97
59) Diethylphthalate	15.49	149	567832	37.792	nq	100
60) 4-Chlorophenyl-phenylether	15.71	204	312663	37.332	nq	99
61) 4-Nitroaniline	15.74	138	139709	40.383	nq	96
62) Azobenzene	16.01	77	560250	36.647	nq	98
64) 4,6-Dinitro-2-methylphenol	15.80	198	98839	48.108	nq	93
65) n-Nitrosodiphenylamine	15.93	169	505810	36.397	nq	97
66) 4-Bromophenyl-phenylether	16.60	248	209425	38.245	nq	99
67) Hexachlorobenzene	16.73	284	209141	37.352	nq	93
68) Atrazine	16.88	200	209579	40.178	nq	98
69) Pentachlorophenol	17.07	266	252327	66.307	nq	99
70) Phenanthrene	17.46	178	924325	38.894	nq	98
71) Anthracene	17.56	178	937341	39.567	nq	100
72) Carbazole	17.82	167	829603	35.065	nq	99
73) Di-n-butylphthalate	18.37	149	947446	35.962	nq	99
74) Fluoranthene	19.47	202	1117030	38.552	nq	99
76) Benzidine	19.64	184	409500	27.652	nq	99
77) Pyrene	19.83	202	1089078	38.155	nq	99
79) Butylbenzylphthalate	20.71	149	429909	37.846	nq	95
80) Benzo(a)anthracene	21.66	228	1087695	38.680	nq	98
81) 3,3'-Dichlorobenzidine	21.58	252	312121	27.850	nq	99
82) Chrysene	21.73	228	1015776	38.109	nq	99
83) Bis(2-ethylhexyl)phthalate	21.57	149	586839	36.917	nq	100
84) Di-n-octyl phthalate	22.78	149	988499	37.230	nq	98
85) Indeno(1,2,3-cd)pyrene	28.53	276	1217255	39.319	nq	99
87) Benzo(b)fluoranthene	23.87	252	1098829	44.040	nq	97
88) Benzo(k)fluoranthene	23.94	252	1019114	41.809	nq	99
89) Benzo(a)pyrene	24.74	252	1034868	43.163	nq	99
90) Dibenzo(a,h)anthracene	28.60	278	984058	42.515	nq	97
91) Benzo(g,h,i)perylene	29.68	276	999800	42.984	nq	97

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

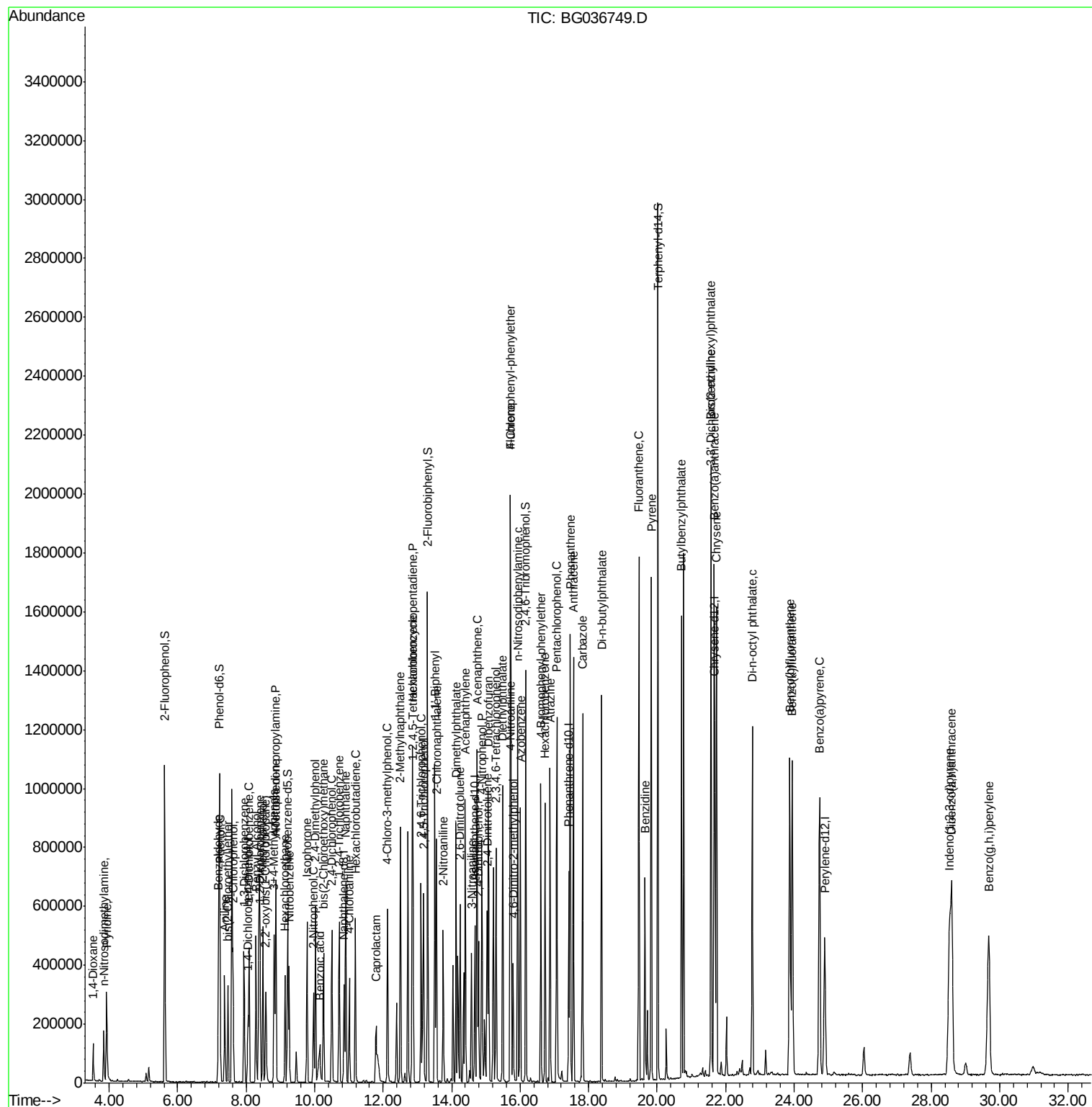
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#1

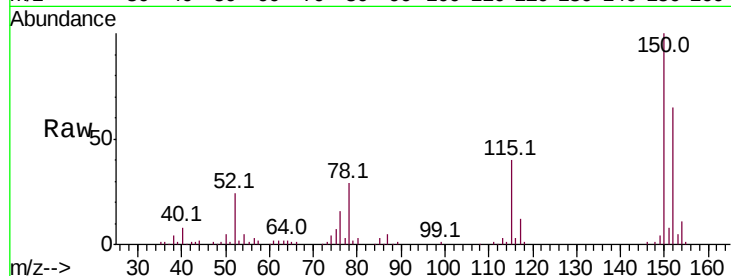
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.01 min
Lab File: BG036749.D
Acq: 17 Sep 2018 11:30

Instrument :
BNA_G
ClientSampleId :
PB112885BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	119.5	179.3
115	60.9	44.5	66.7

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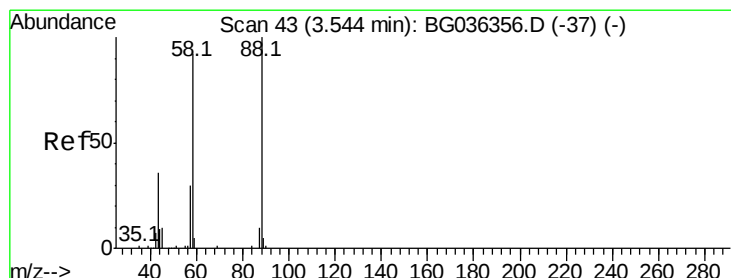
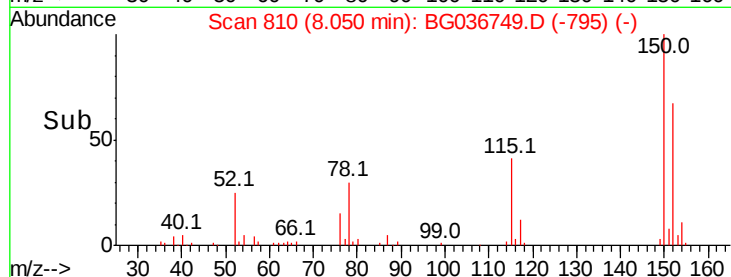
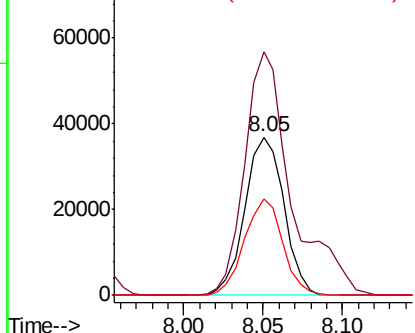


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

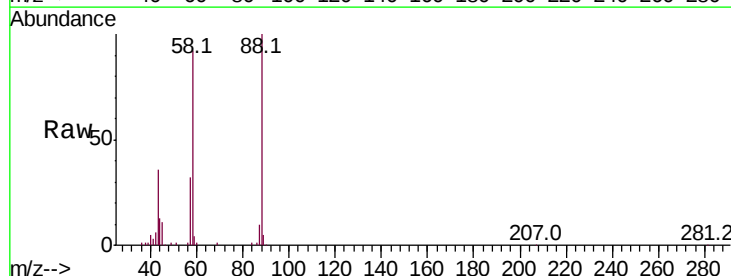
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 32.855 ng
RT: 3.53 min Scan# 41
Delta R.T. -0.01 min
Lab File: BG036749.D
Acq: 17 Sep 2018 11:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	92.0	72.6	109.0
43	33.9	29.0	43.4

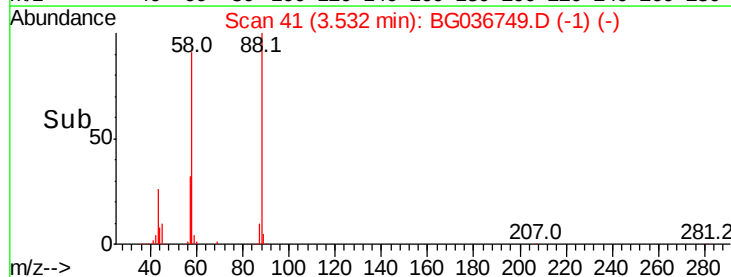
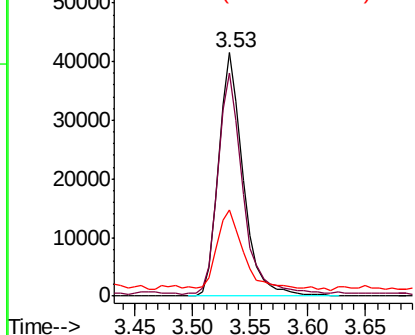


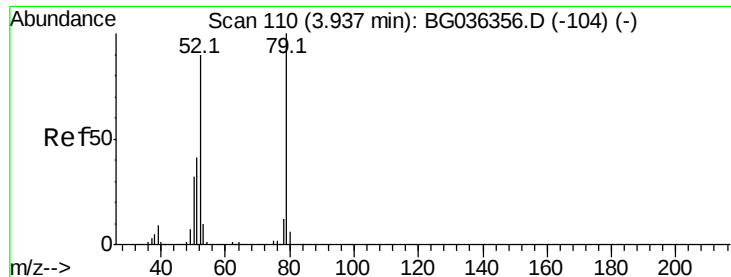
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 32.852 ng

RT: 3.93 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG036749.D

Acq: 17 Sep 2018 11:30

Instrument :

BNA_G

ClientSampleId :

PB112885BS

Tot Ion: 79 Resp: 171308

Ion Ratio Lower Upper

79 100

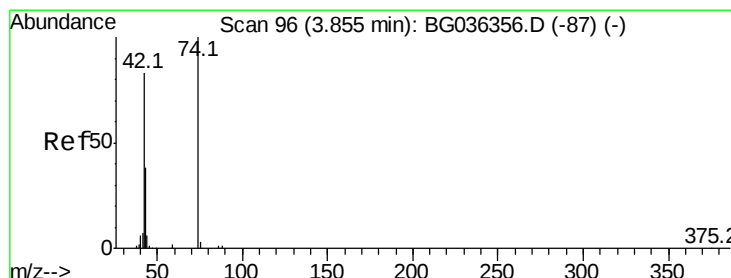
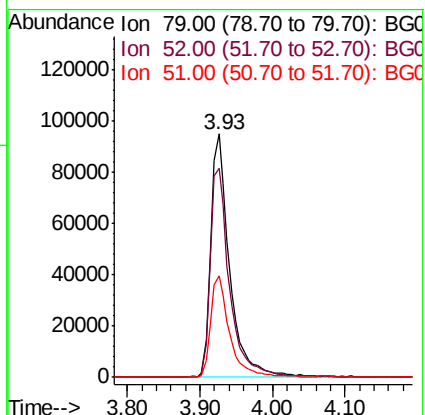
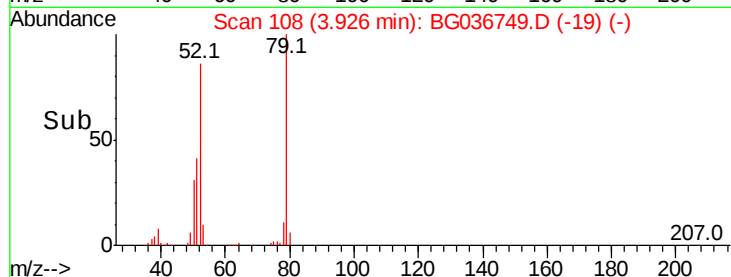
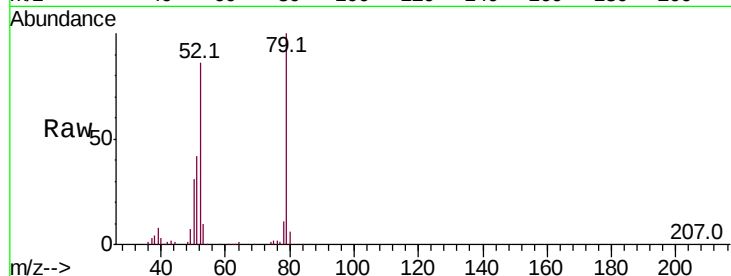
52 86.1 72.3 108.5

51 41.7 33.8 50.6

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#4

n-Nitrosodimethylamine

Concen: 39.057 ng

RT: 3.84 min Scan# 94

Delta R.T. -0.00 min

Lab File: BG036749.D

Acq: 17 Sep 2018 11:30

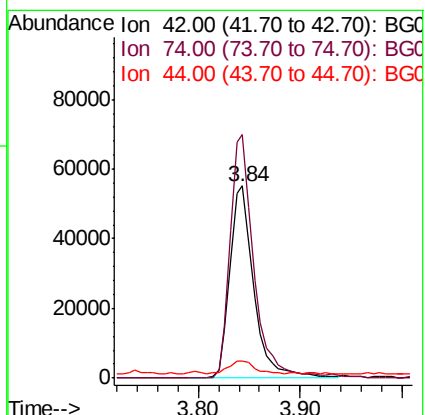
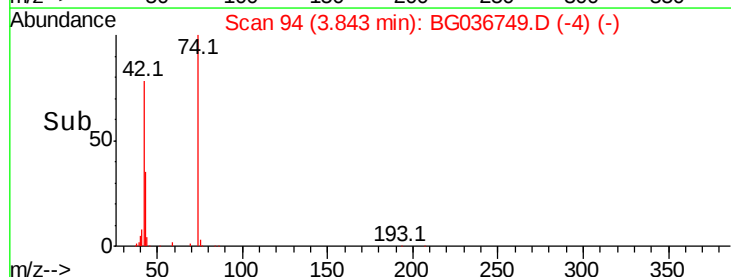
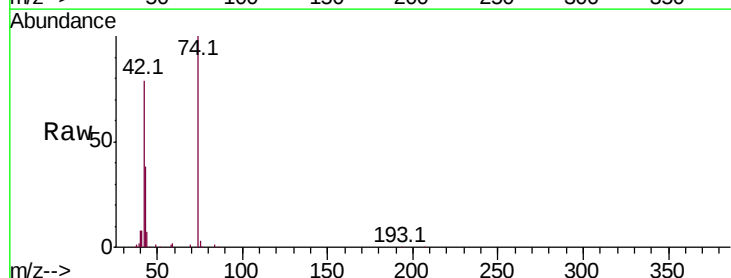
Tgt Ion: 42 Resp: 90712

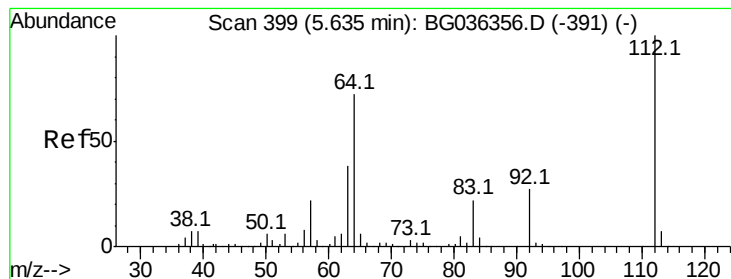
Ion Ratio Lower Upper

42 100

74 126.6 96.6 145.0

44 9.0 7.0 10.4





#5

2-Fluorophenol

Concen: 109.949 ng

RT: 5.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BG036749.D

Acq: 17 Sep 2018 11:30

Instrument :

BNA_G

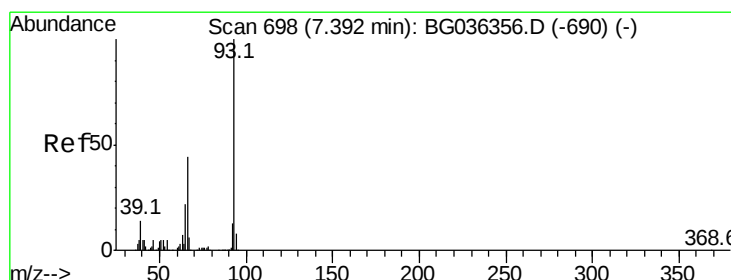
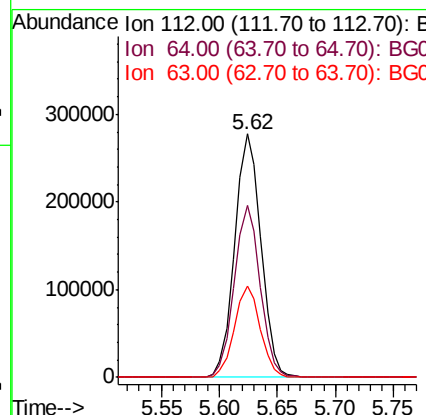
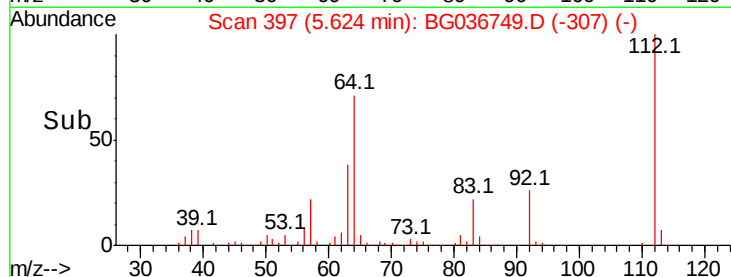
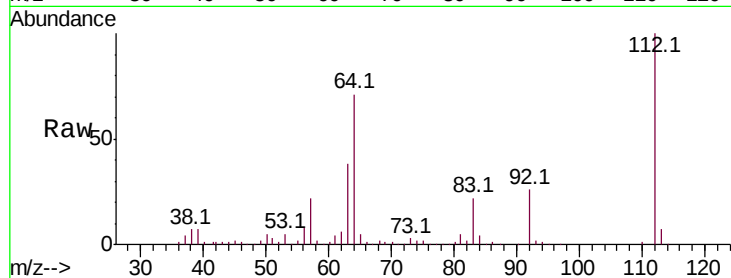
ClientSampleId :

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Tot Ion:	112	Resp:	437663
Ion Ratio	Lower	Upper	
112	100		
64	70.5	57.2	85.8
63	37.5	30.8	46.2

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#6

Aniline

Concen: 31.534 ng

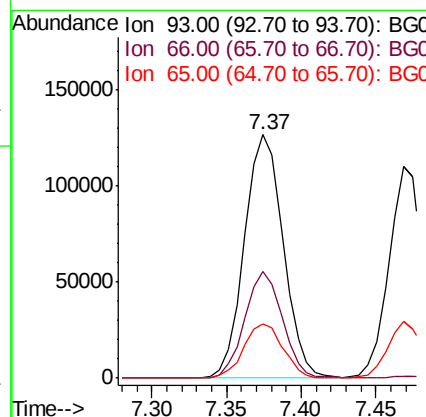
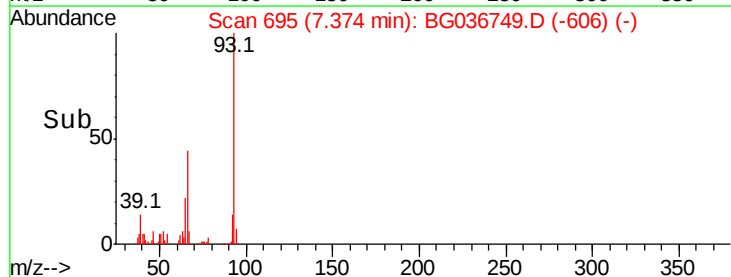
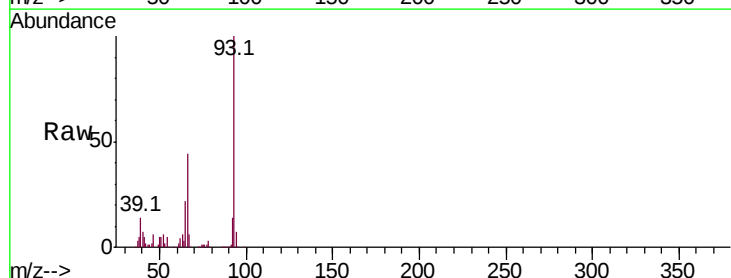
RT: 7.37 min Scan# 695

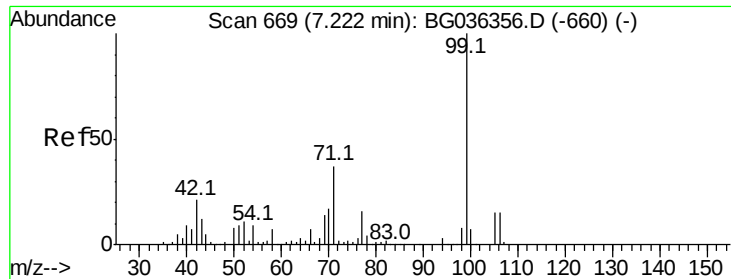
Delta R.T. -0.01 min

Lab File: BG036749.D

Acq: 17 Sep 2018 11:30

Tgt Ion:	93	Resp:	228119
Ion Ratio	Lower	Upper	
93	100		
66	43.7	35.0	52.4
65	22.4	17.6	26.4





#7

Phenol-d6

Concen: 104.172 ng

RT: 7.22 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG036749.D

Acq: 17 Sep 2018 11:30

Instrument :

BNA_G

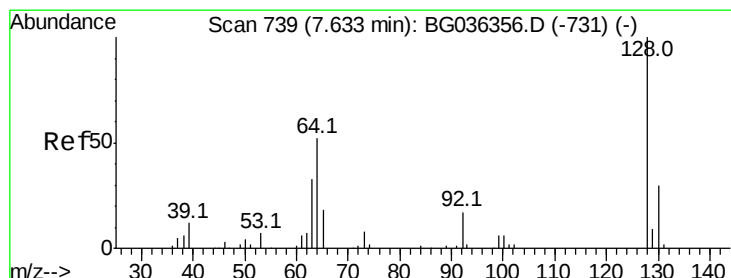
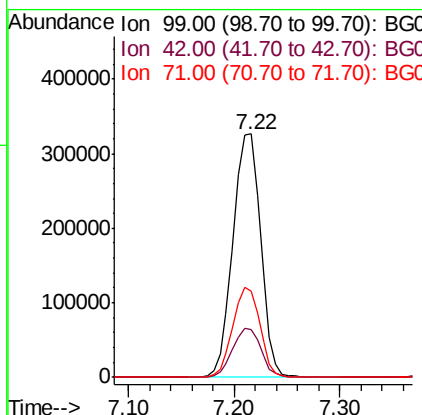
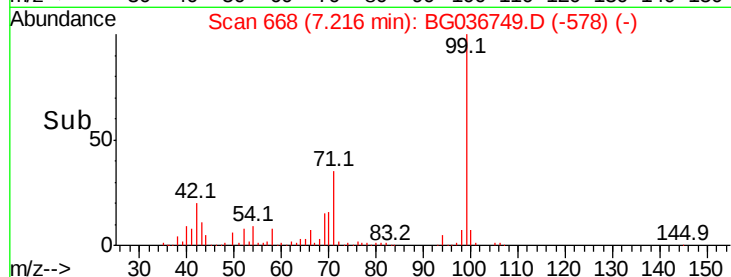
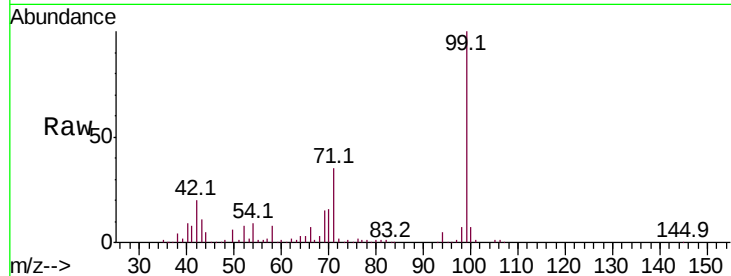
ClientSampleId :

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Tot Ion:	99	Resp:	593702
Ion Ratio	Lower	Upper	
99	100		
42	19.8	16.5	24.7
71	35.4	29.4	44.2

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#8

2-Chlorophenol

Concen: 40.402 ng

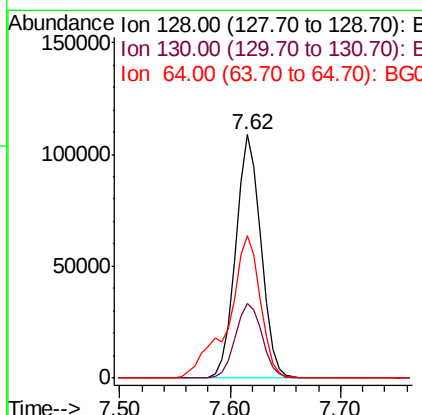
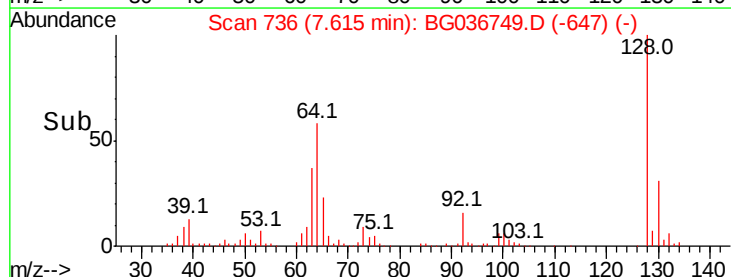
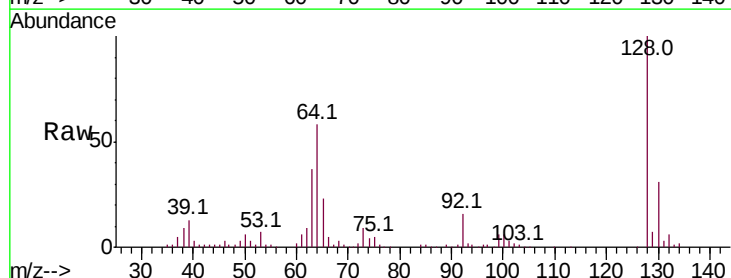
RT: 7.62 min Scan# 736

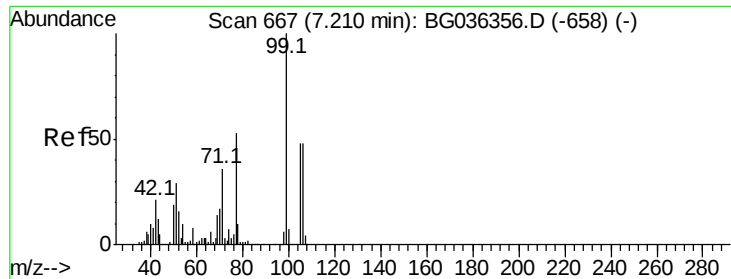
Delta R.T. -0.01 min

Lab File: BG036749.D

Acq: 17 Sep 2018 11:30

Tgt Ion:	128	Resp:	174402
Ion Ratio	Lower	Upper	
128	100		
130	30.7	10.0	50.0
64	58.4	36.0	76.0





#9

Benzaldehyde

Concen: 25.961 ng

RT: 7.19 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036749.D

Acq: 17 Sep 2018 11:30

Instrument :

BNA_G

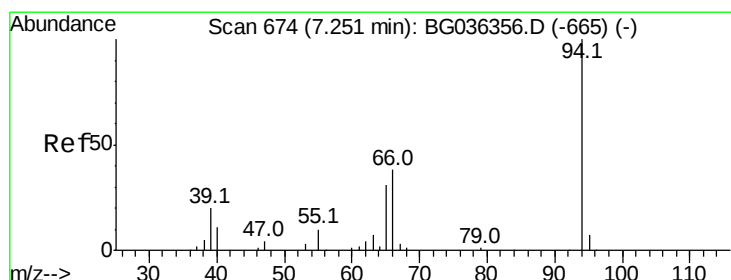
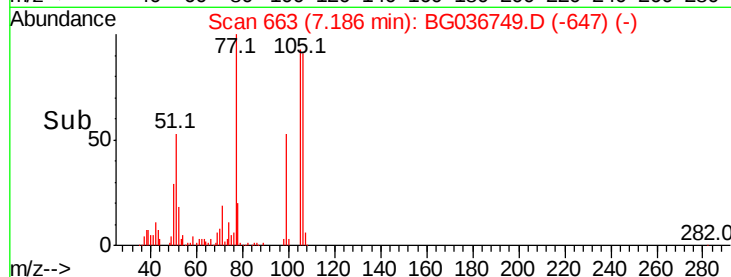
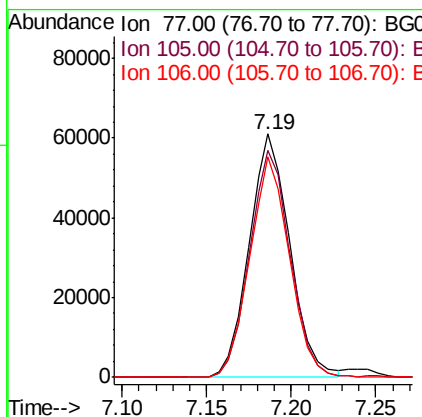
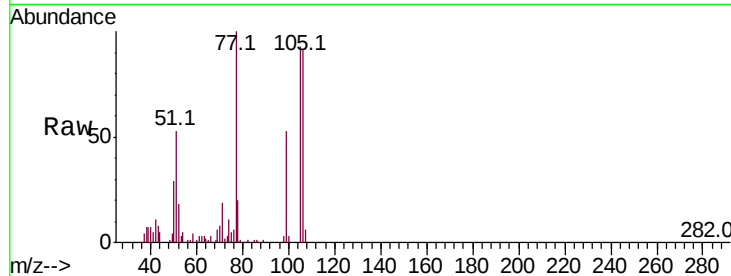
ClientSampleId :

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Tot Ion:	77	Resp:	101888
Ion	Ratio	Lower	Upper
77	100		
105	93.3	70.5	110.5
106	90.7	69.8	109.8

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#10

Phenol

Concen: 41.059 ng

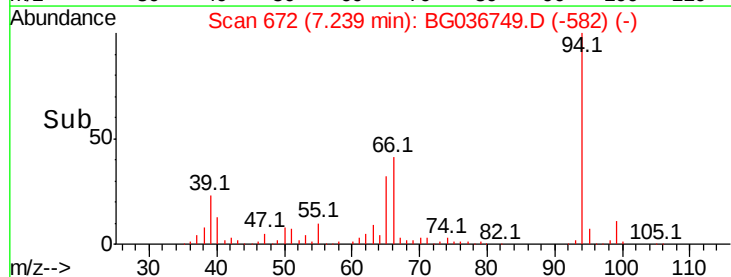
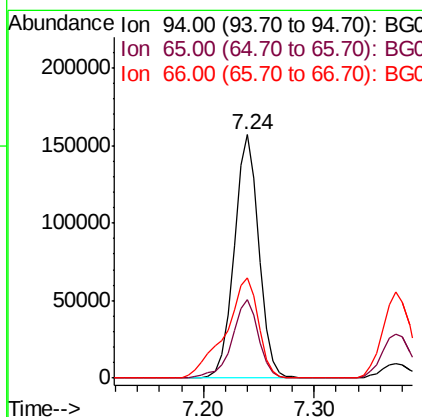
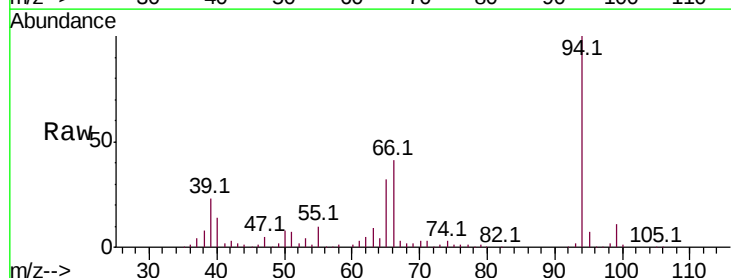
RT: 7.24 min Scan# 672

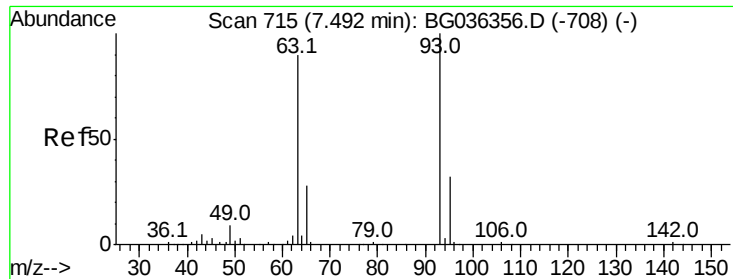
Delta R.T. -0.00 min

Lab File: BG036749.D

Acq: 17 Sep 2018 11:30

Tgt Ion:	94	Resp:	244881
Ion	Ratio	Lower	Upper
94	100		
65	32.0	11.5	51.5
66	41.3	19.5	59.5





#11

bis(2-Chloroethyl)ether

Concen: 36.706 ng

RT: 7.47 min Scan# 711

Delta R.T. -0.01 min

Lab File: BG036749.D

Acq: 17 Sep 2018 11:30

Instrument :

BNA_G

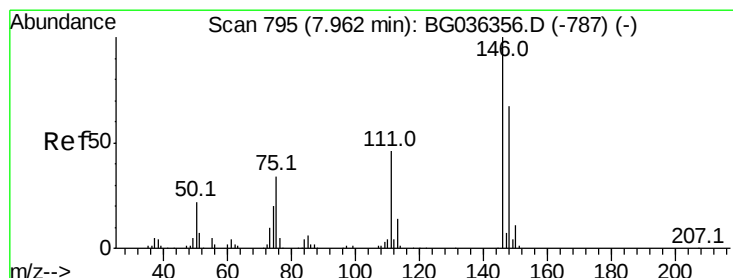
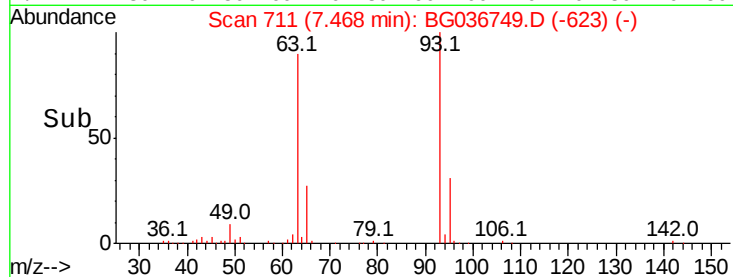
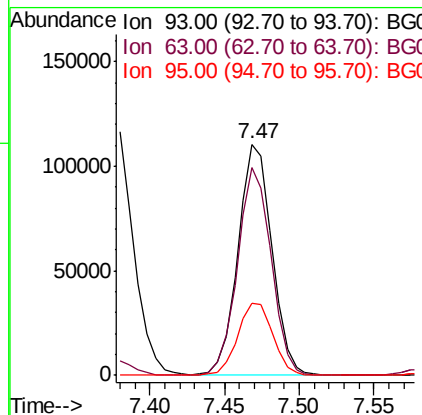
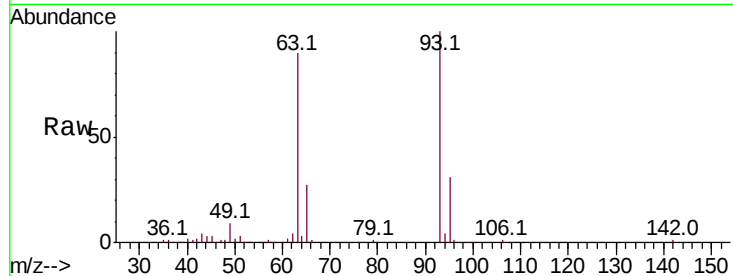
ClientSampleId :

PB112885BS

Tot Ion:	93	Resp:	173559
Ion Ratio	Lower	Upper	
93	100		
63	89.7	69.9	109.9
95	31.2	11.7	51.7

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#12

1,3-Dichlorobenzene

Concen: 37.283 ng

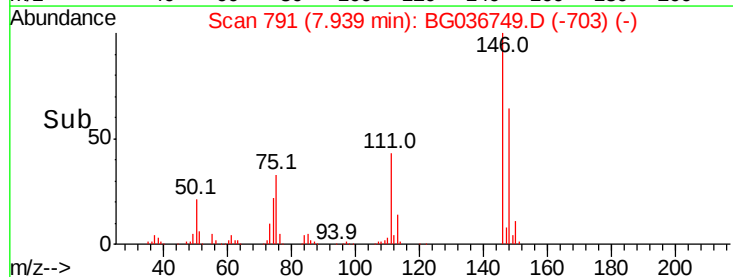
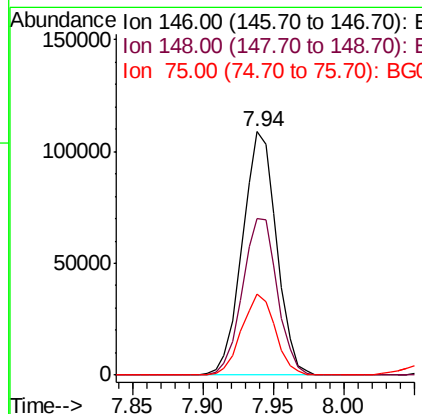
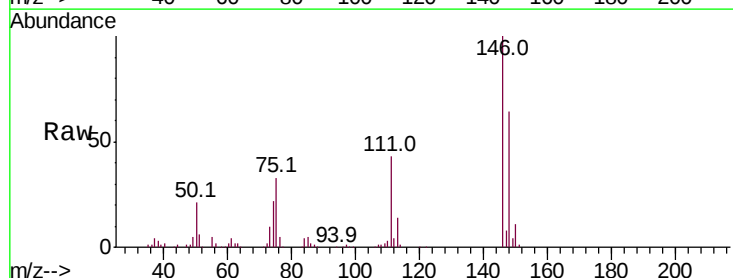
RT: 7.94 min Scan# 791

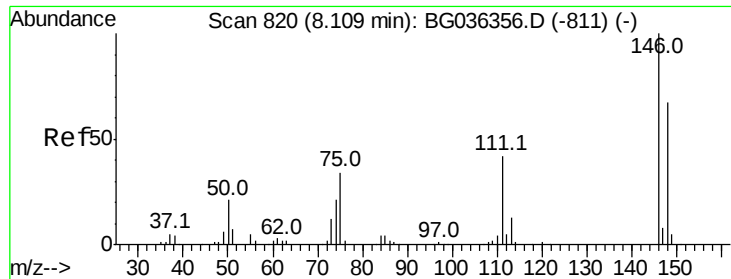
Delta R.T. -0.01 min

Lab File: BG036749.D

Acq: 17 Sep 2018 11:30

Tgt Ion:	146	Resp:	183773
Ion Ratio	Lower	Upper	
146	100		
148	64.4	53.8	80.6
75	33.3	27.2	40.8





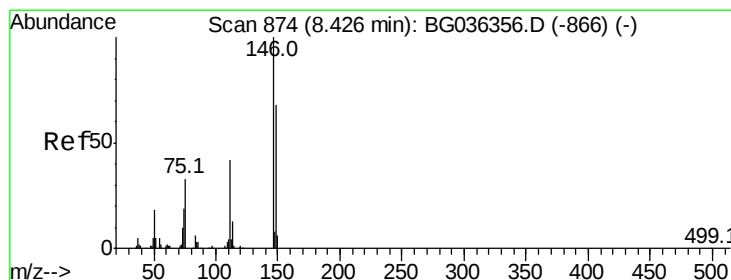
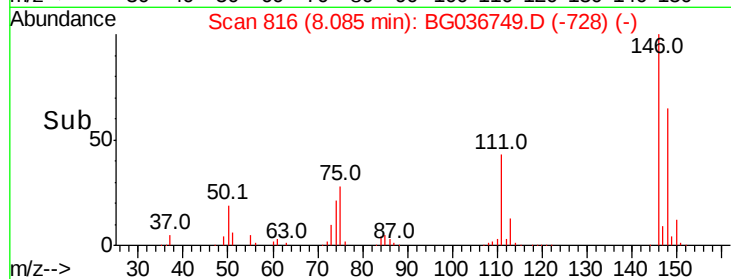
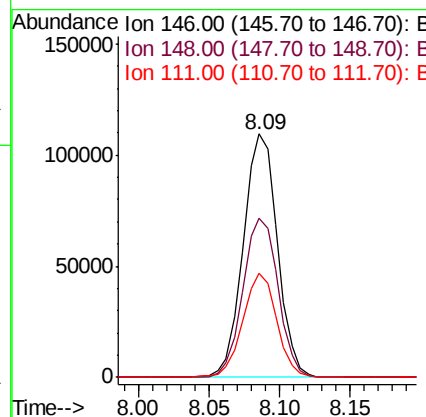
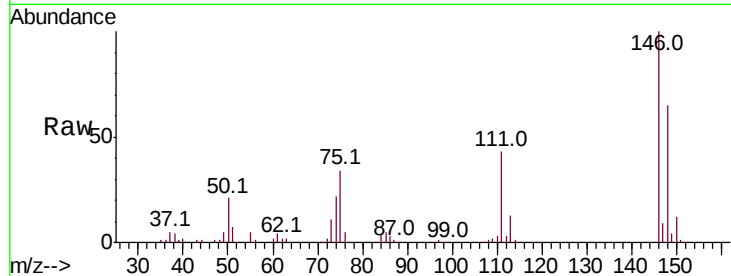
#13
 1,4-Dichlorobenzene
 Concen: 37.185 ng
 RT: 8.09 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BG036749.D
 Acq: 17 Sep 2018 11:30

Instrument :
 BNA_G
 ClientSampleId :
 PB112885BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	53.9	80.9
111	42.7	33.8	50.6

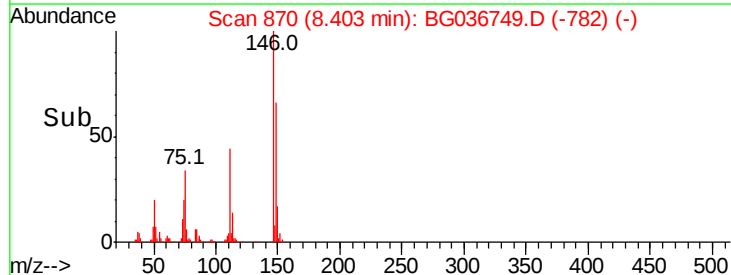
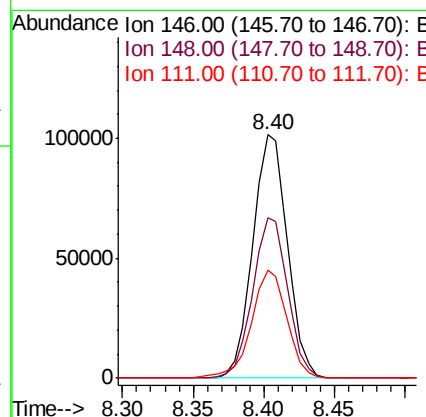
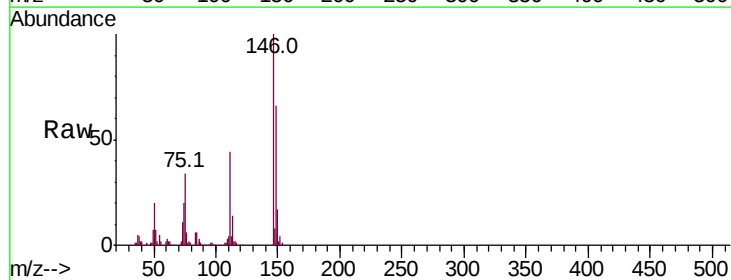
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#14
 1,2-Dichlorobenzene
 Concen: 36.788 ng
 RT: 8.40 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: BG036749.D
 Acq: 17 Sep 2018 11:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.0	55.0	82.6
111	44.3	34.6	51.8





#15

Benzyl Alcohol

Concen: 38.972 ng

RT: 8.29 min Scan# 850

Delta R.T. -0.01 min

Lab File: BG036749.D

Acq: 17 Sep 2018 11:30

Instrument :

BNA_G

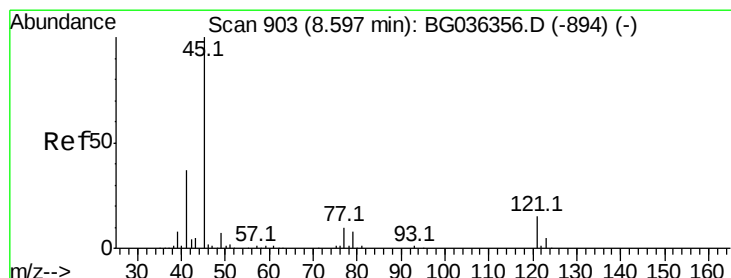
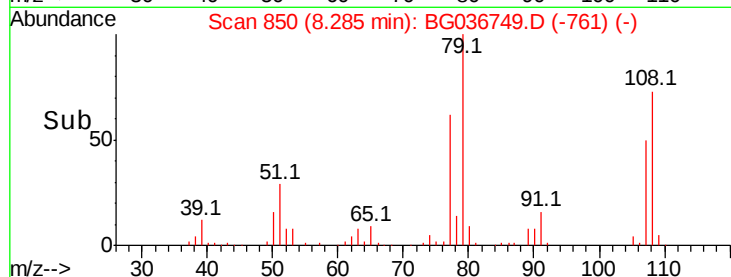
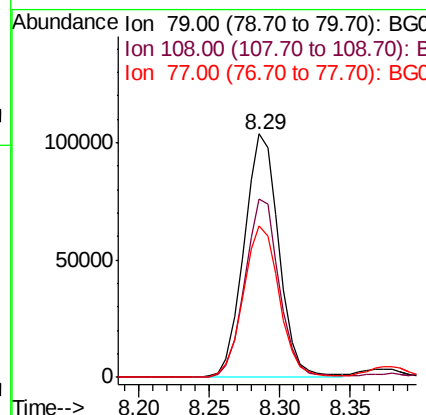
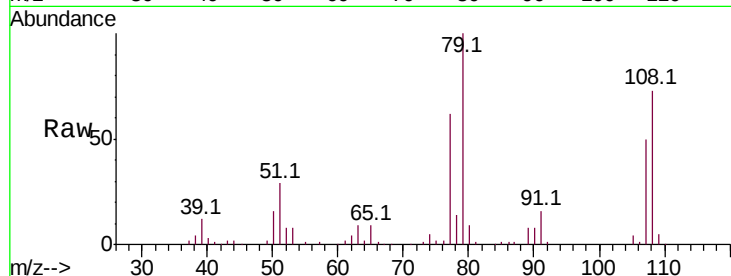
ClientSampled :

PB112885BS

Tot Ion:	79	Resp:	179052
Ion Ratio	Lower	Upper	
79	100		
108	73.3	55.9	83.9
77	62.2	50.0	75.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.844 ng

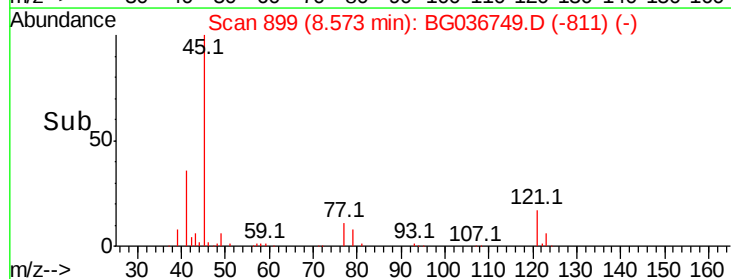
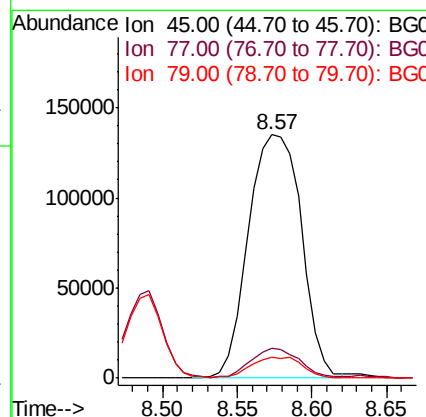
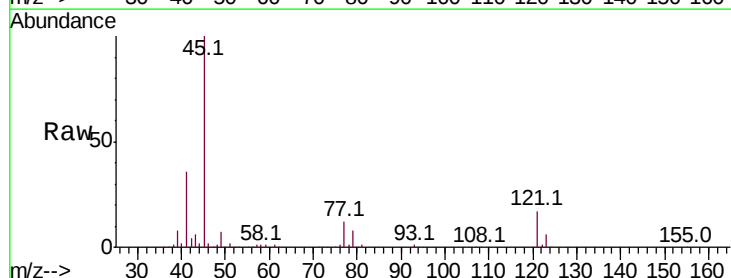
RT: 8.57 min Scan# 899

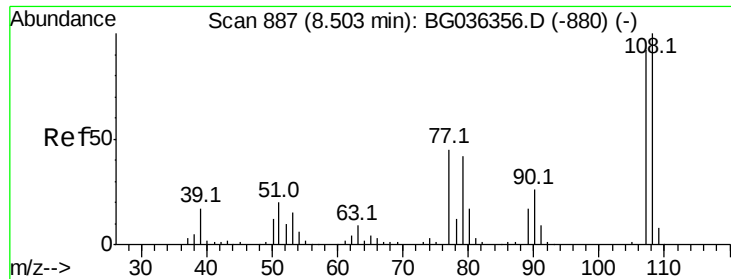
Delta R.T. -0.01 min

Lab File: BG036749.D

Acq: 17 Sep 2018 11:30

Tgt Ion:	45	Resp:	332254
Ion Ratio	Lower	Upper	
45	100		
77	12.3	0.0	30.5
79	8.4	0.0	27.9





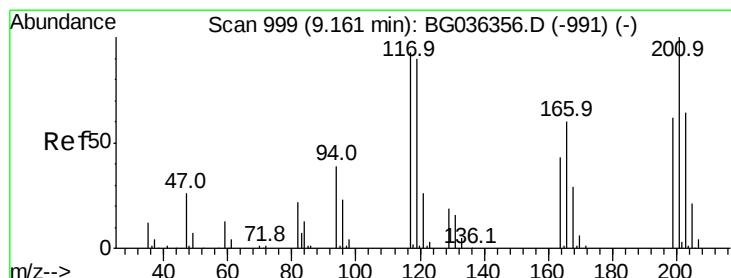
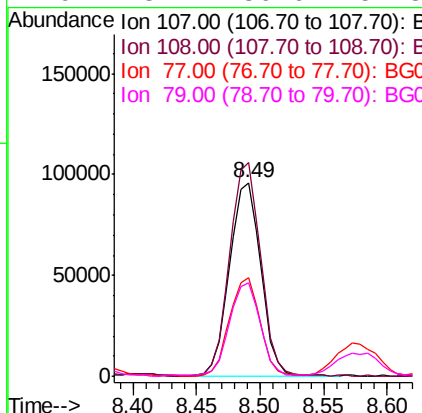
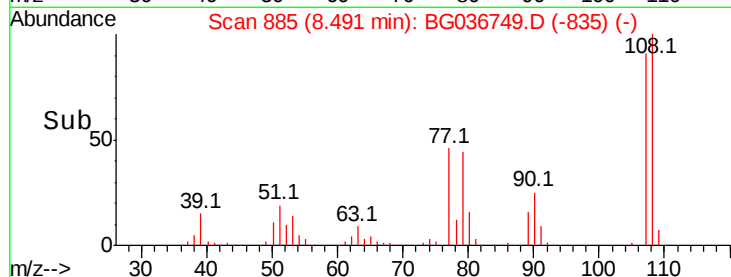
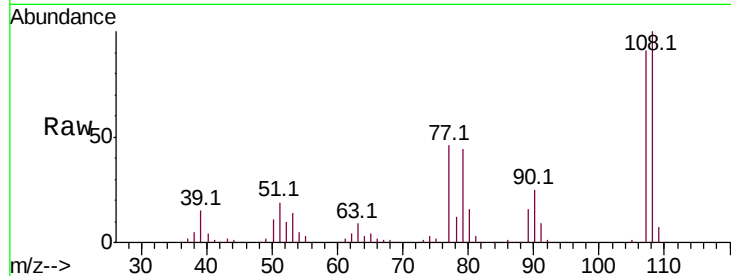
#17
2-Methylphenol
Concen: 41.128 ng
RT: 8.49 min Scan# 885
Delta R.T. -0.01 min
Lab File: BG036749.D
Acq: 17 Sep 2018 11:30

Instrument :
BNA_G
ClientSampleId :
PB112885BS

Tot Ion	107	Resp	162878
Ion Ratio	Lower	Upper	
107	100		
108	110.1	86.7	130.1
77	50.6	39.0	58.4
79	48.1	36.6	54.8

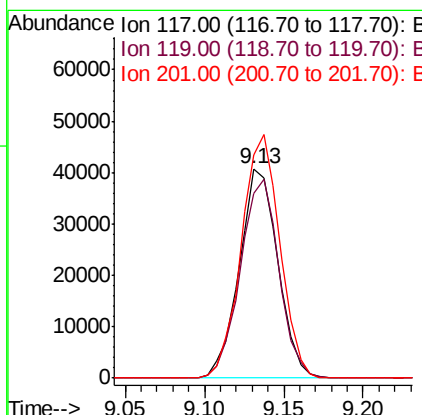
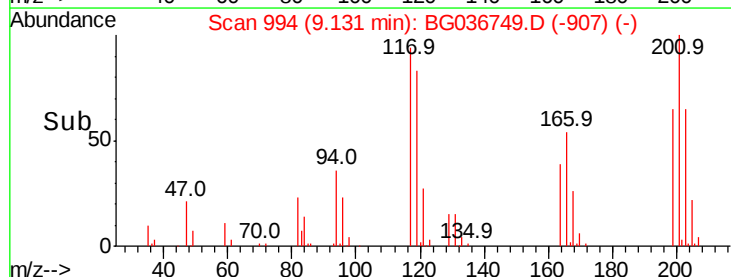
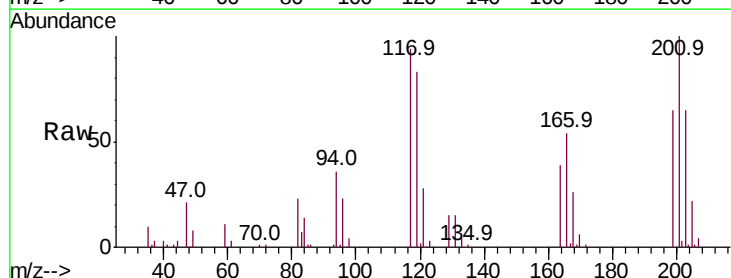
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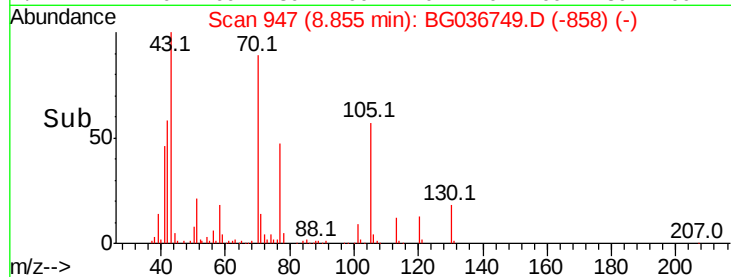
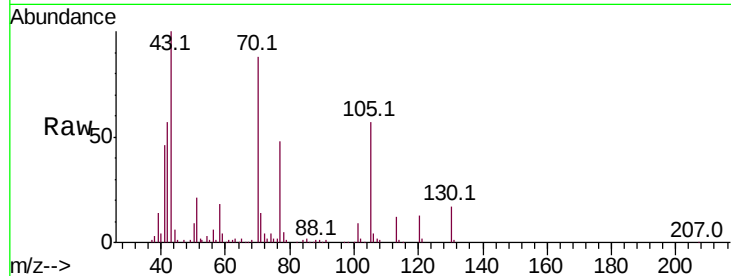
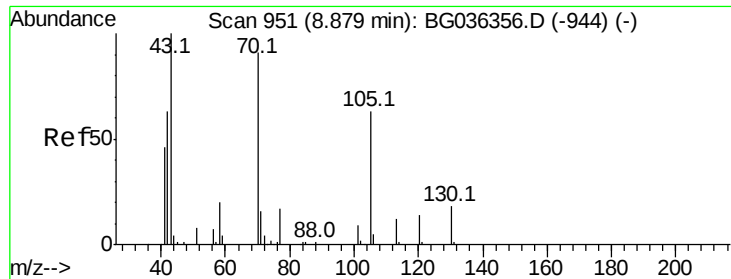
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#18
Hexachloroethane
Concen: 38.479 ng
RT: 9.13 min Scan# 994
Delta R.T. -0.02 min
Lab File: BG036749.D
Acq: 17 Sep 2018 11:30

Tgt Ion	117	Resp	68657
Ion Ratio	Lower	Upper	
117	100		
119	88.0	76.8	115.2
201	106.6	85.7	128.5





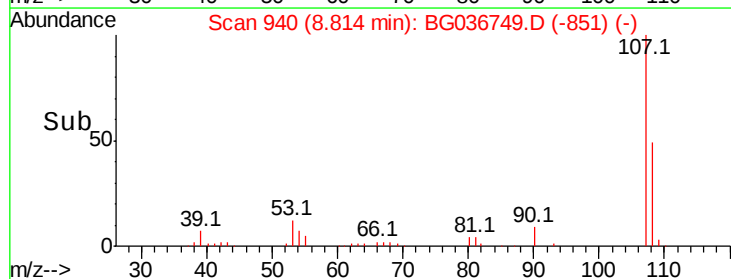
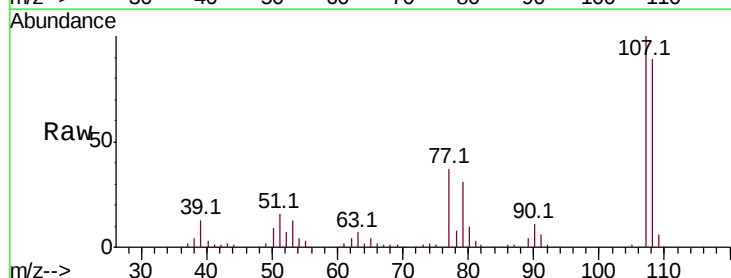
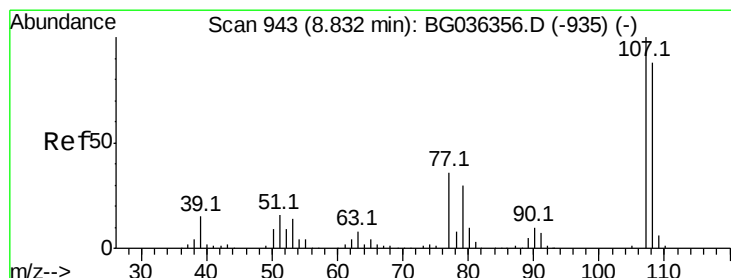
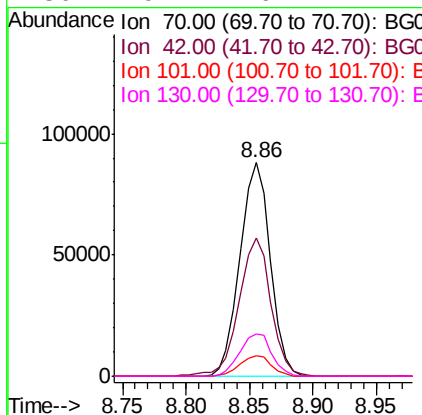
#19
n-Nitroso-di-n-propylamine
Concen: 34.473 ng
RT: 8.86 min Scan# 947
Delta R.T. -0.01 min
Lab File: BG036749.D
Acq: 17 Sep 2018 11:30

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		146835		
42	64.9	56.2		84.4	
101	9.9	7.8		11.6	
130	19.7	16.2		24.2	

Instrument :
BNA_G
ClientSampled :
PB112885BS

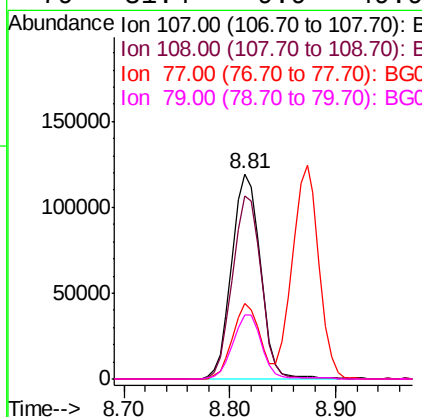
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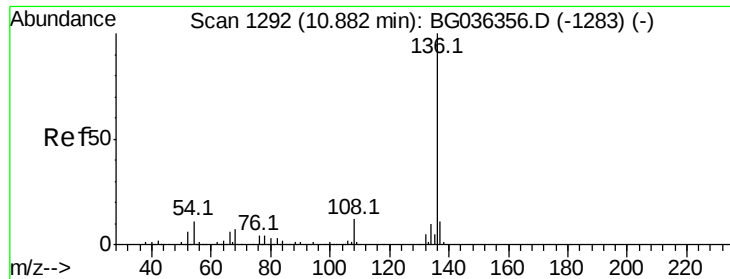
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#20
3+4-Methylphenols
Concen: 40.606 ng
RT: 8.81 min Scan# 940
Delta R.T. -0.01 min
Lab File: BG036749.D
Acq: 17 Sep 2018 11:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		224513		
108	89.2	68.0		108.0	
77	36.8	15.6		55.6	
79	31.4	9.9		49.9	





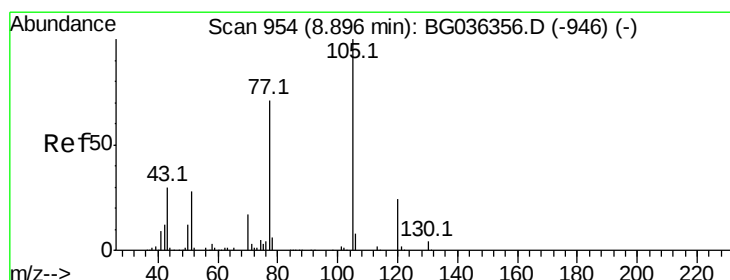
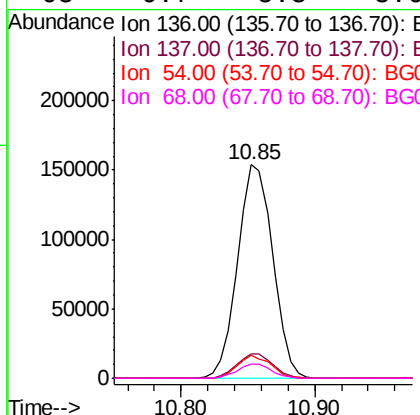
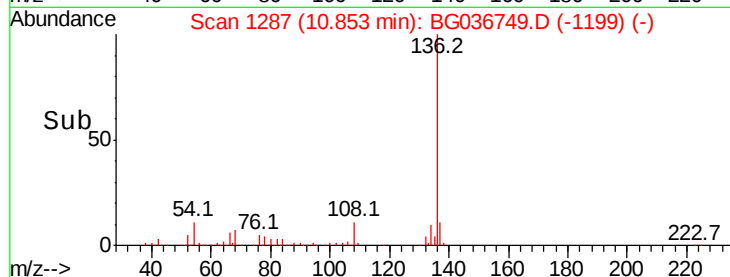
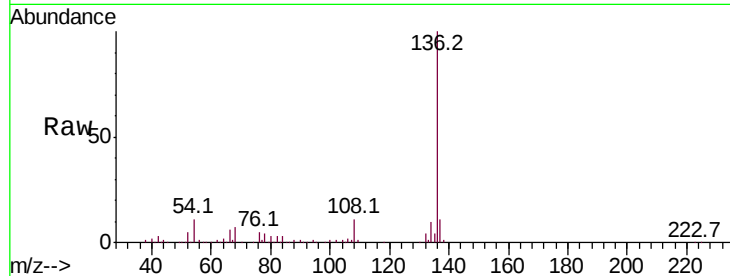
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BG036749.D
Acq: 17 Sep 2018 11:30

Instrument :
BNA_G
ClientSampleId :
PB112885BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	280385		
137	11.2		8.8	13.2
54	10.7		9.2	13.8
68	6.7		5.8	8.6

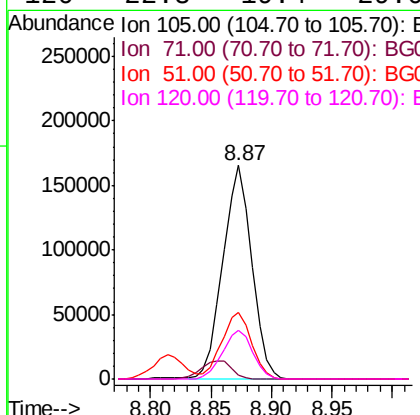
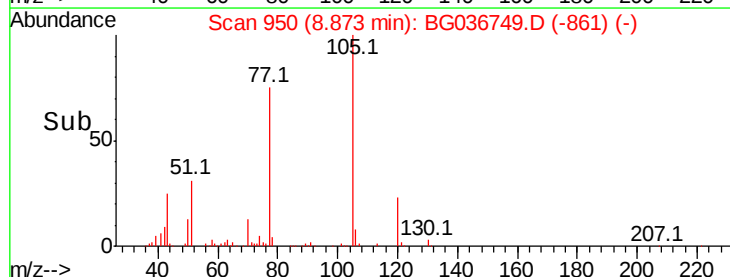
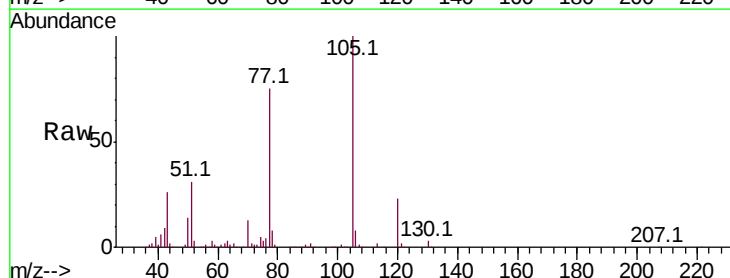
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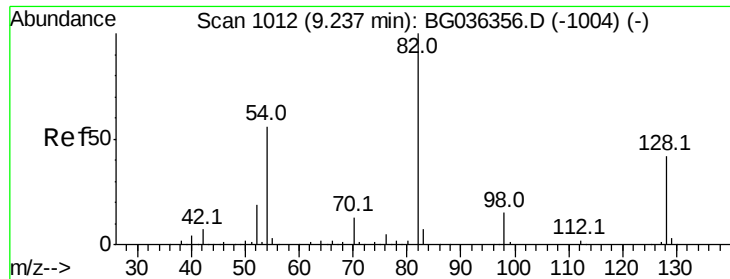
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#22
Acetophenone
Concen: 37.306 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG036749.D
Acq: 17 Sep 2018 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	274674		
71	2.0		2.4	3.6#
51	31.1		25.9	38.9
120	22.8		19.4	29.0





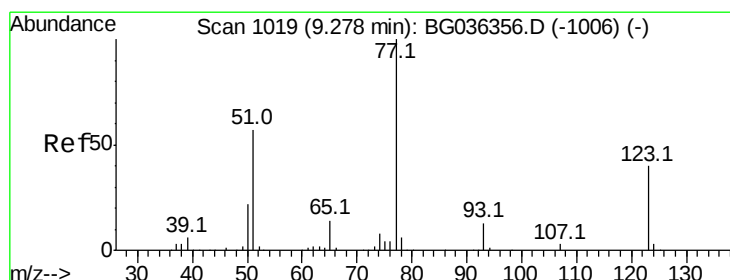
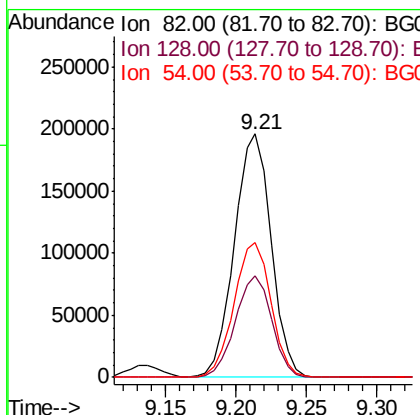
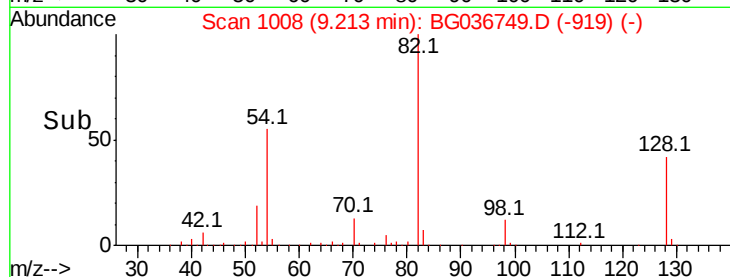
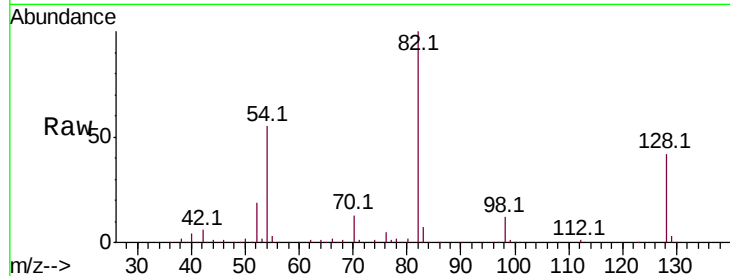
#23
Nitrobenzene-d5
Concen: 68.879 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036749.D
Acq: 17 Sep 2018 11:30

Instrument :
BNA_G
ClientSampleId :
PB112885BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.7	33.3	49.9	
54	55.1	45.1	67.7	

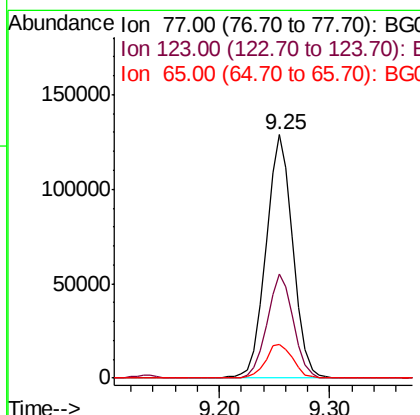
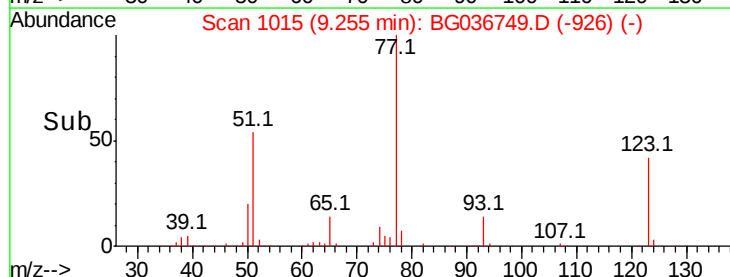
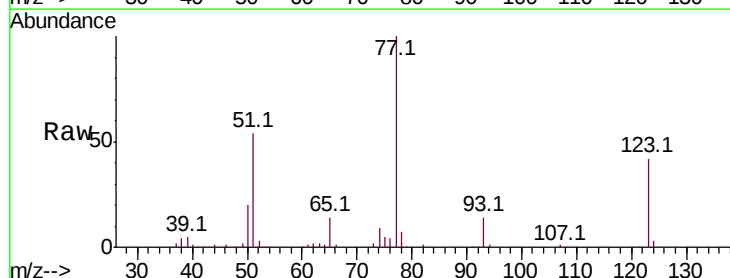
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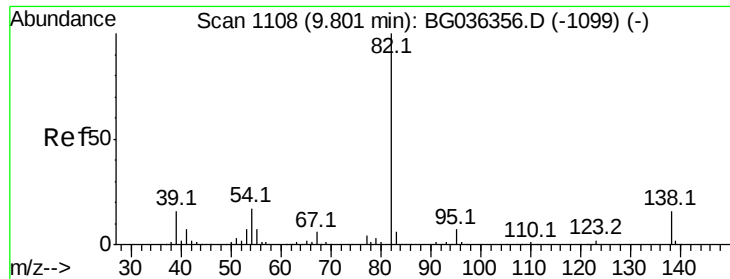
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#24
Nitrobenzene
Concen: 39.099 ng
RT: 9.25 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG036749.D
Acq: 17 Sep 2018 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	42.5	32.4	48.6	
65	13.8	11.5	17.3	





#25

Isophorone

Concen: 39.938 ng

RT: 9.78 min Scan# 1104

Delta R.T. -0.01 min

Lab File: BG036749.D

Acq: 17 Sep 2018 11:30

Instrument :

BNA_G

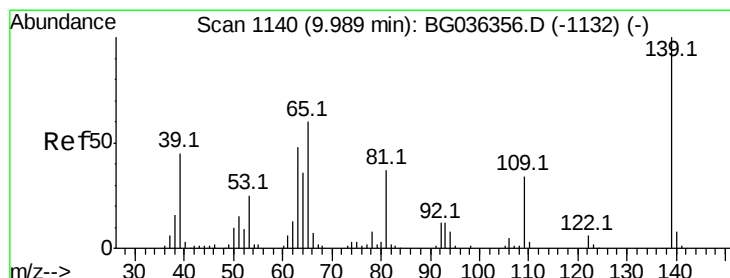
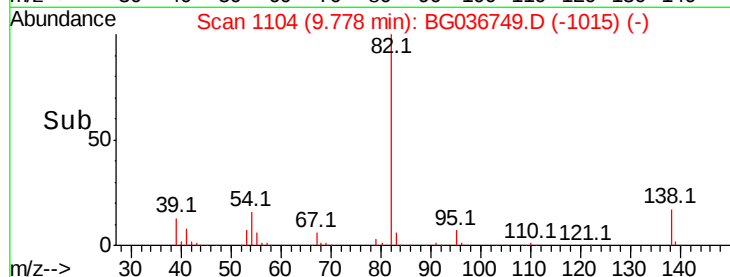
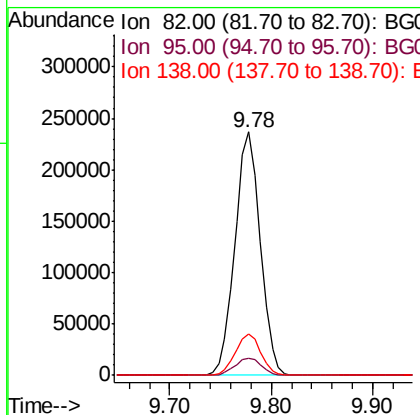
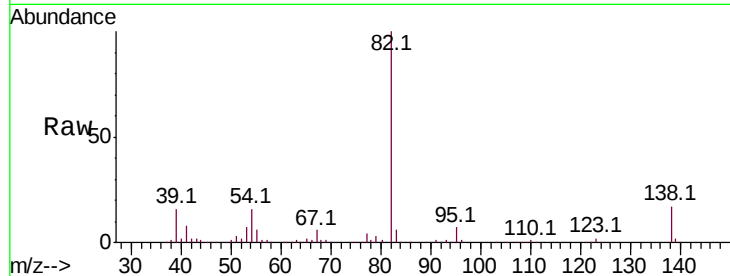
ClientSampleId :

PB112885BS

Tot Ion:	82	Resp:	409999
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.8	8.8
138	17.2	12.9	19.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.295 ng

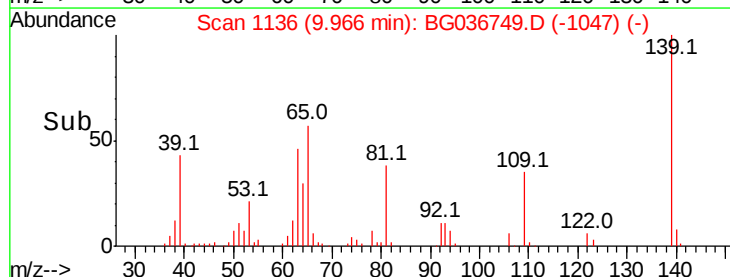
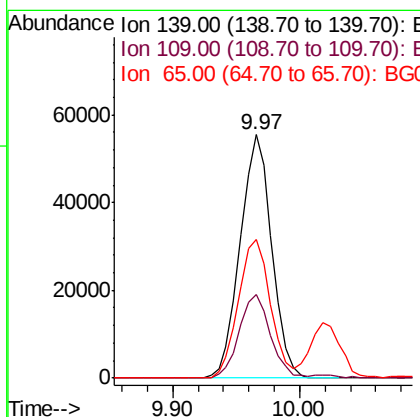
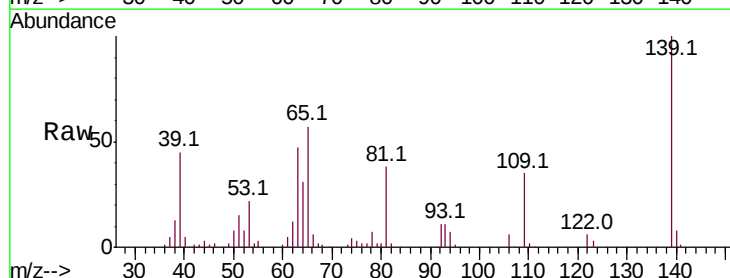
RT: 9.97 min Scan# 1136

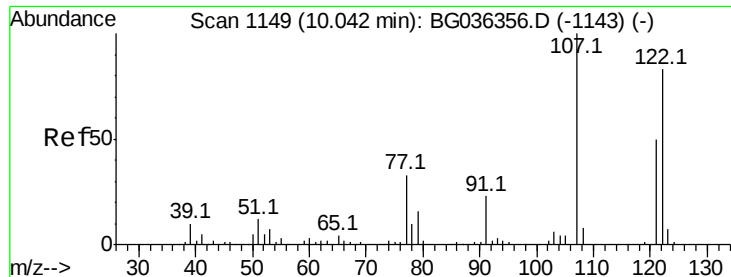
Delta R.T. -0.01 min

Lab File: BG036749.D

Acq: 17 Sep 2018 11:30

Tgt Ion:	139	Resp:	95605
Ion Ratio	Lower	Upper	
139	100		
109	34.5	27.4	41.0
65	57.1	47.8	71.6





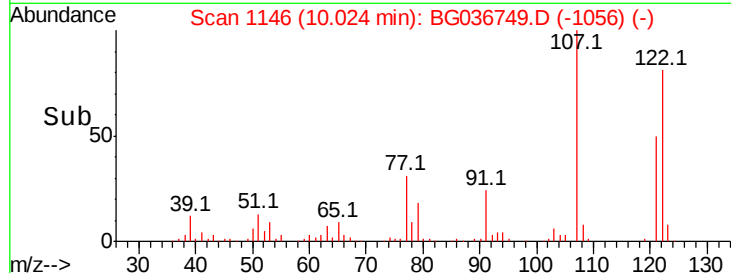
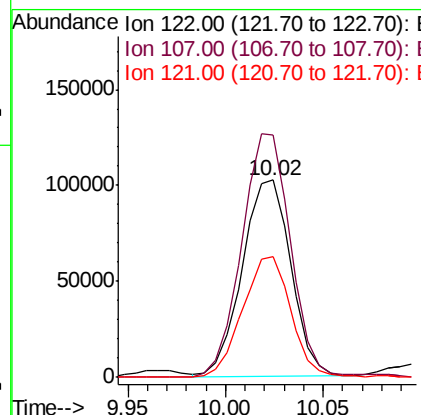
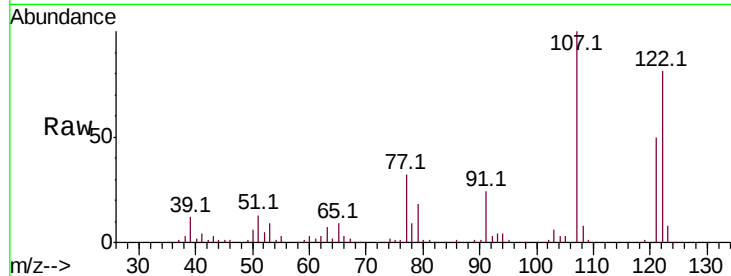
#27
 2,4-Dimethylphenol
 Concen: 43.433 ng
 RT: 10.02 min Scan# 1146
 Delta R.T. -0.00 min
 Lab File: BG036749.D
 Acq: 17 Sep 2018 11:30

Instrument :
 BNA_G
 ClientSampleId :
 PB112885BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	177567		
107	123.1	96.0	144.0	
121	61.6	48.2	72.4	

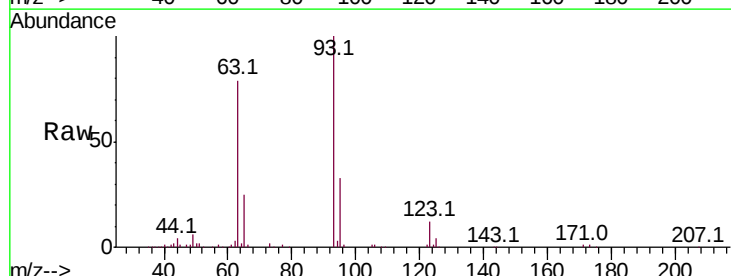
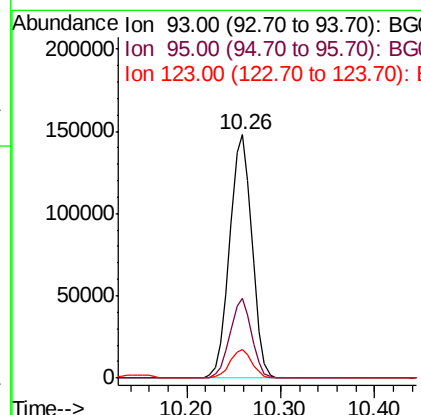
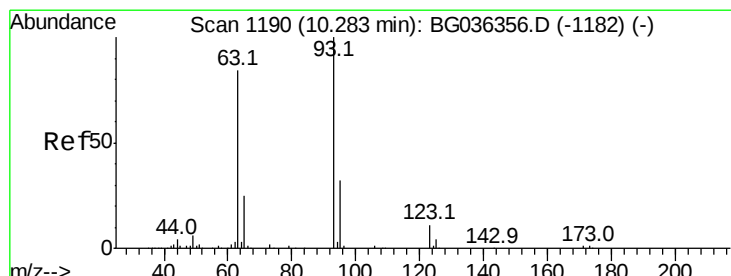
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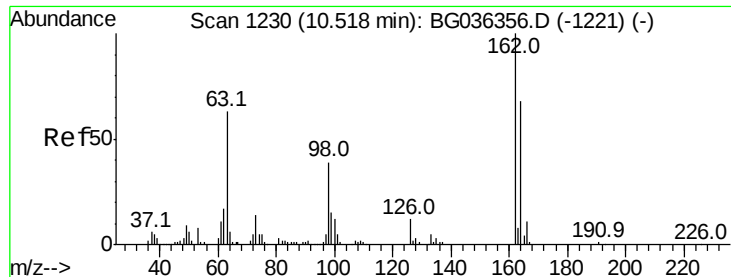
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 38.575 ng
 RT: 10.26 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BG036749.D
 Acq: 17 Sep 2018 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	243045		
95	32.7	25.2	37.8	
123	11.7	8.6	12.8	





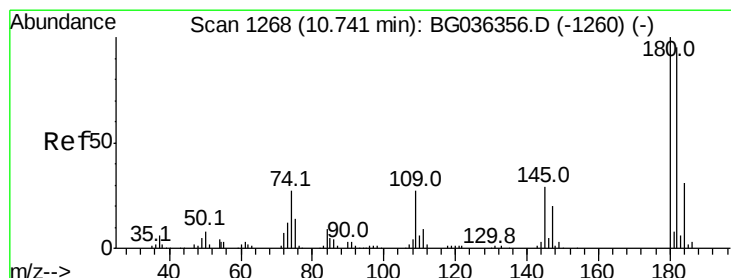
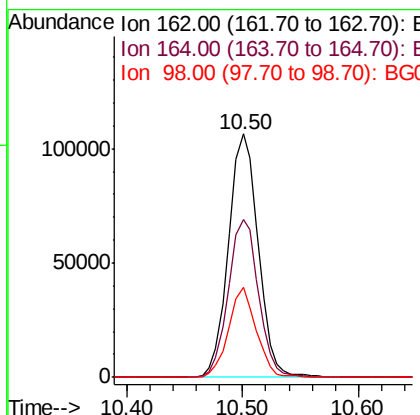
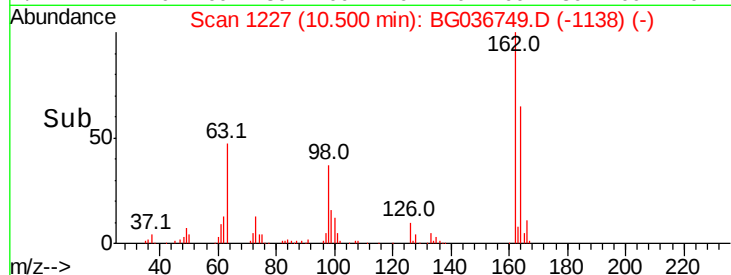
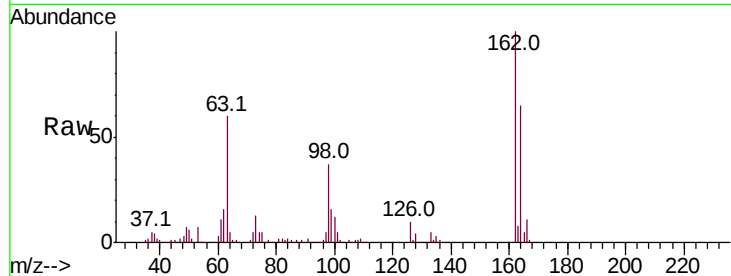
#29
 2,4-Dichlorophenol
 Concen: 42.489 ng
 RT: 10.50 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BG036749.D
 Acq: 17 Sep 2018 11:30

Instrument :
 BNA_G
 ClientSampled :
 PB112885BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	65.0	47.6	87.6	
98	37.0	19.2	59.2	

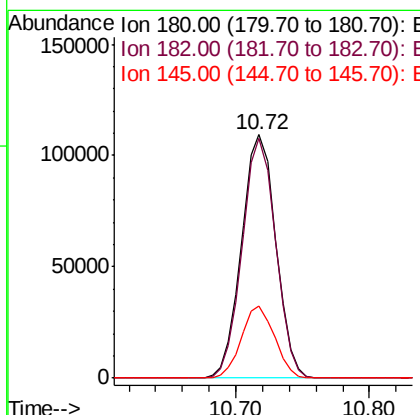
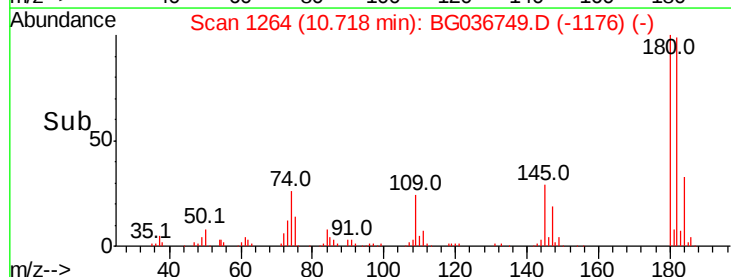
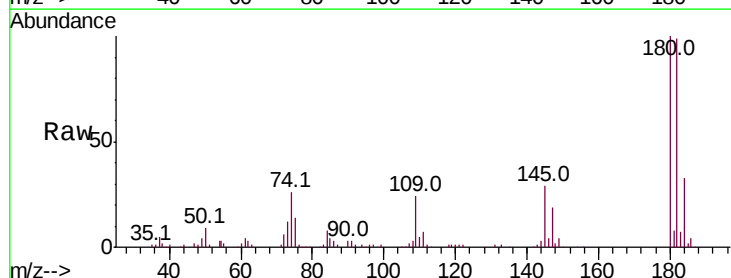
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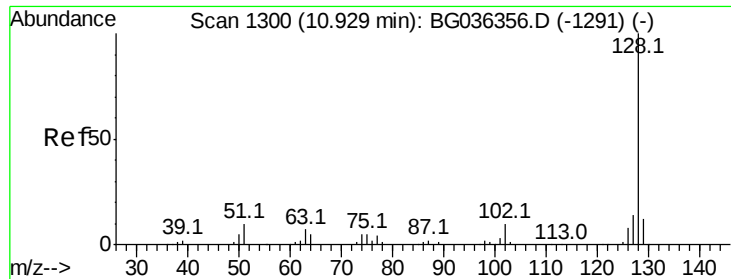
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 36.943 ng
 RT: 10.72 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BG036749.D
 Acq: 17 Sep 2018 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	98.7	76.0	114.0	
145	29.4	22.9	34.3	





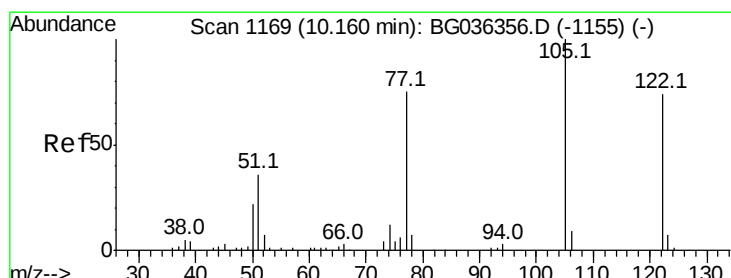
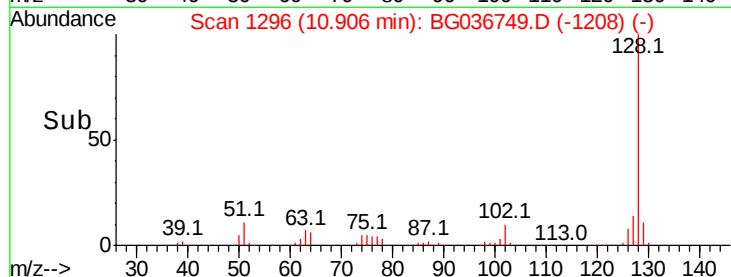
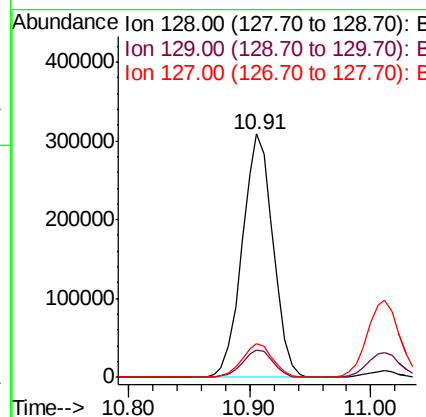
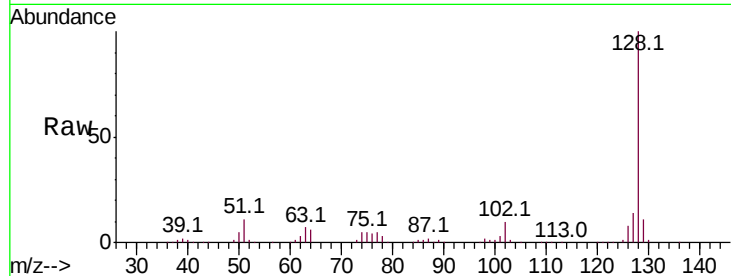
#31
Naphthalene
Concen: 39.014 ng
RT: 10.91 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG036749.D
Acq: 17 Sep 2018 11:30

Instrument :
BNA_G
ClientSampleId :
PB112885BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.0	9.4	14.2	
127	14.1	11.0	16.4	

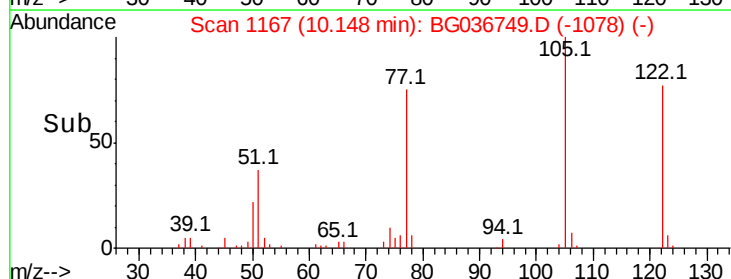
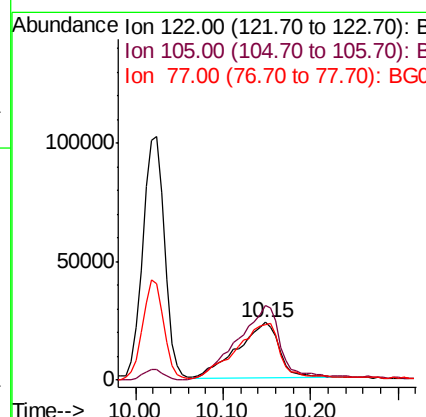
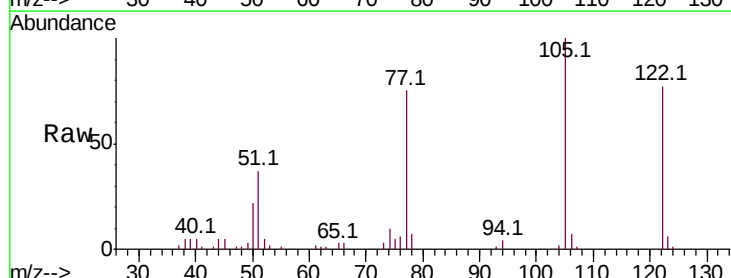
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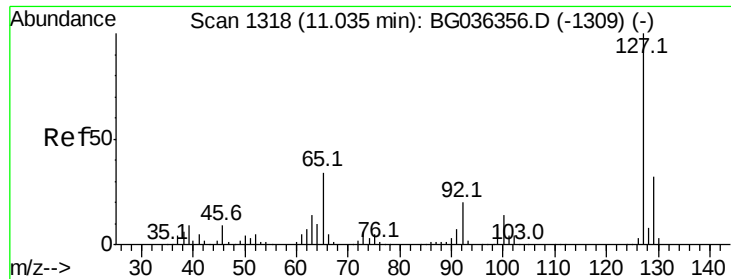
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#32
Benzoic acid
Concen: 27.745 ng
RT: 10.15 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BG036749.D
Acq: 17 Sep 2018 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	129.1	108.1	148.1	
77	96.2	76.3	116.3	





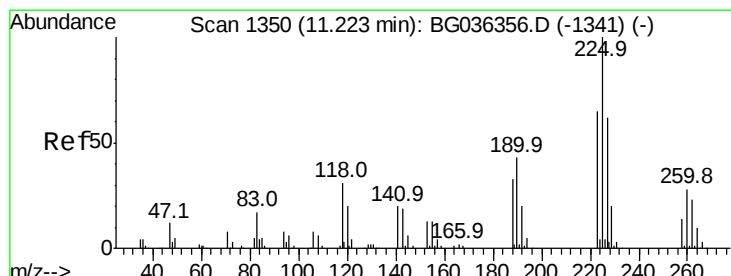
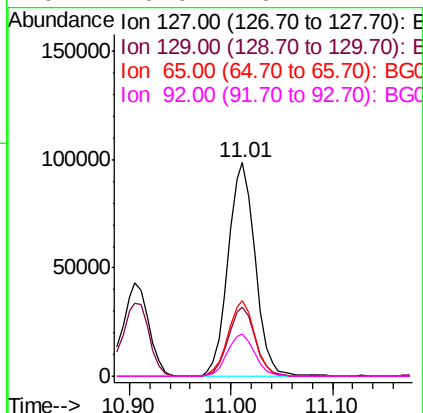
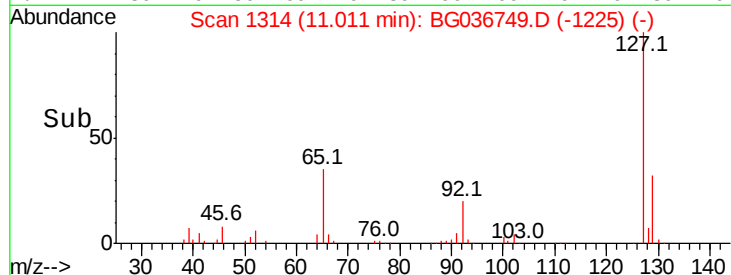
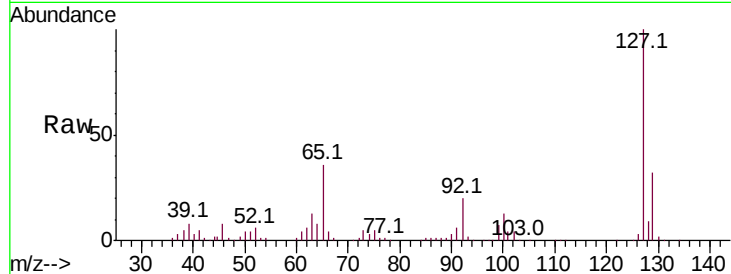
#33
4-Chloroaniline
Concen: 28.438 ng
RT: 11.01 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG036749.D
Acq: 17 Sep 2018 11:30

Instrument :
BNA_G
ClientSampleId :
PB112885BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.2	25.9	38.9	
65	35.5	27.5	41.3	
92	20.0	16.2	24.2	

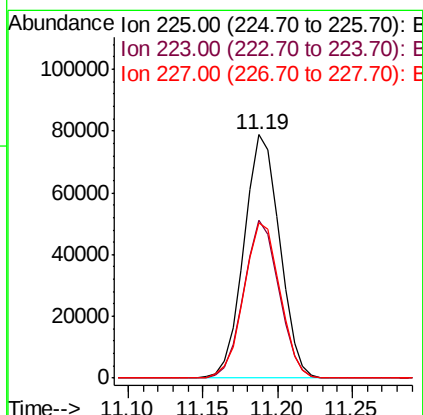
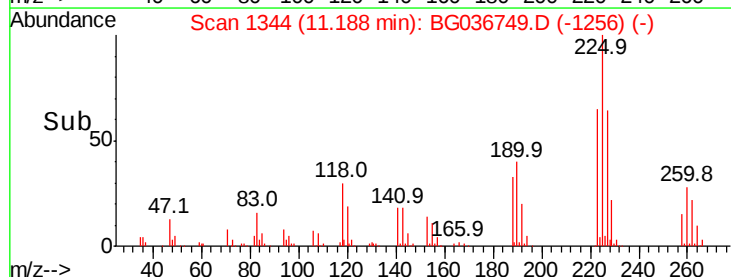
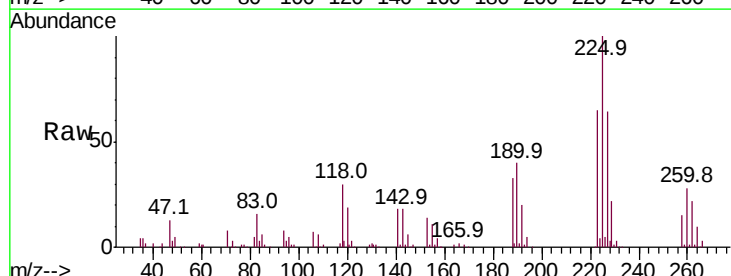
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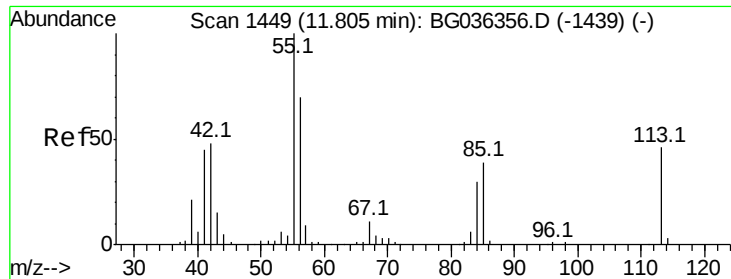
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#34
Hexachlorobutadiene
Concen: 37.057 ng
RT: 11.19 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BG036749.D
Acq: 17 Sep 2018 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.8	51.8	77.8	
227	63.7	49.8	74.6	





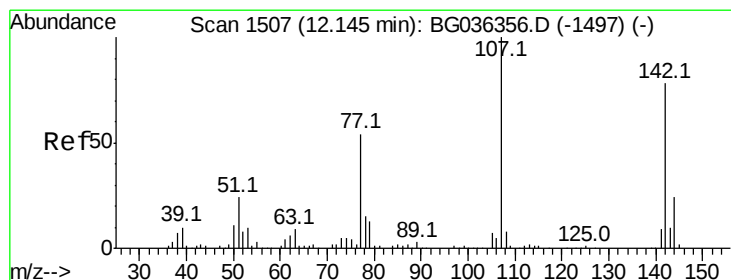
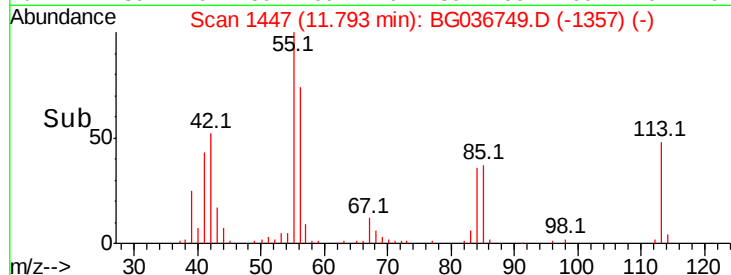
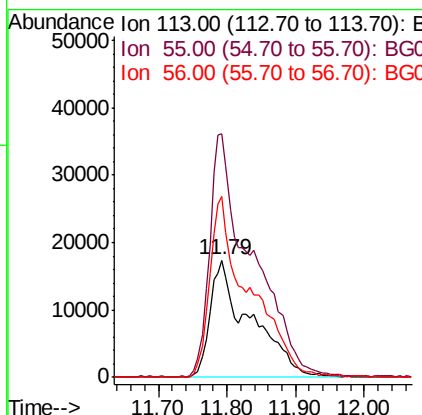
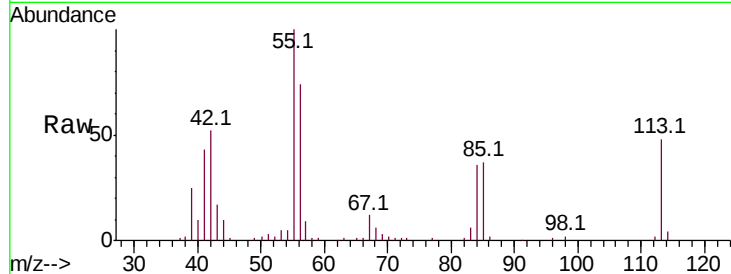
#35
Caprolactam
Concen: 39.765 ng/ml
RT: 11.79 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BG036749.D
Acq: 17 Sep 2018 11:30

Instrument :
BNA_G
ClientSampleID :
PB112885BS

Tot Ion:113 Resp: 70976
Ion Ratio Lower Upper
113 100
55 207.9 197.7 237.7
56 154.8 131.7 171.7

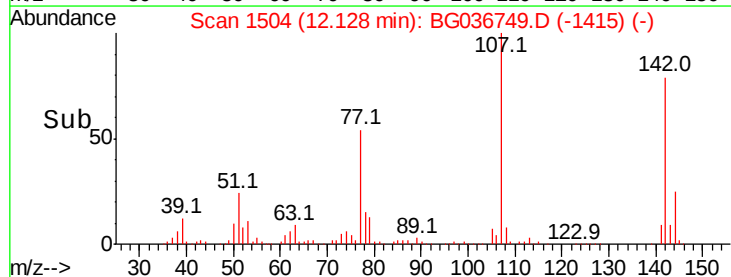
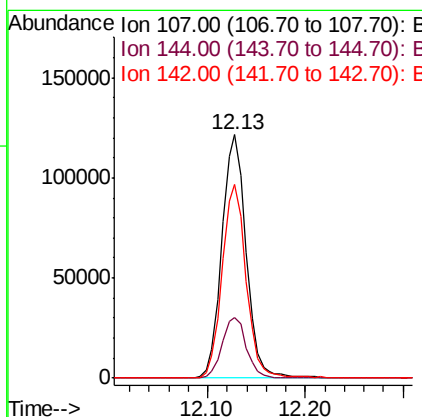
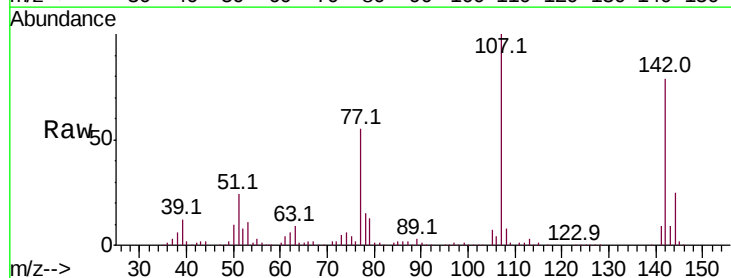
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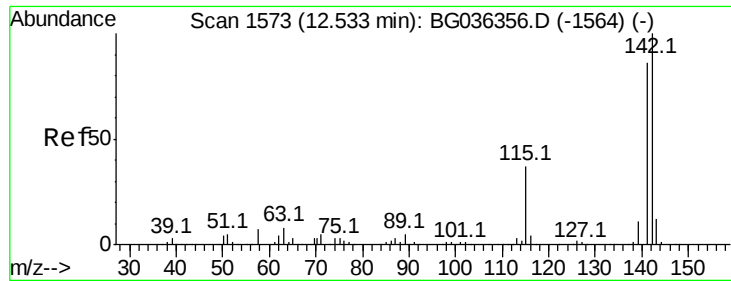
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#36
4-Chloro-3-methylphenol
Concen: 40.317 ng
RT: 12.13 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BG036749.D
Acq: 17 Sep 2018 11:30

Tgt Ion:107 Resp: 209895
Ion Ratio Lower Upper
107 100
144 24.7 19.5 29.3
142 79.5 62.4 93.6





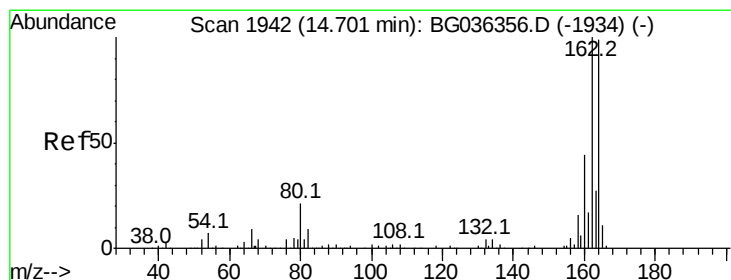
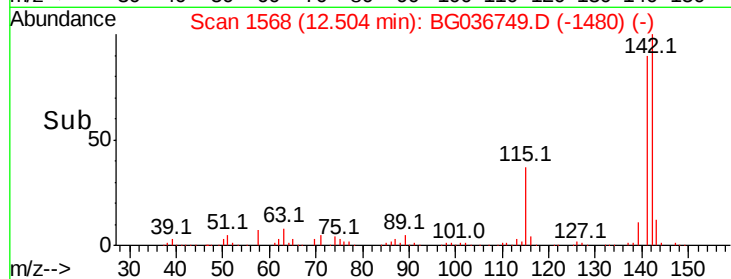
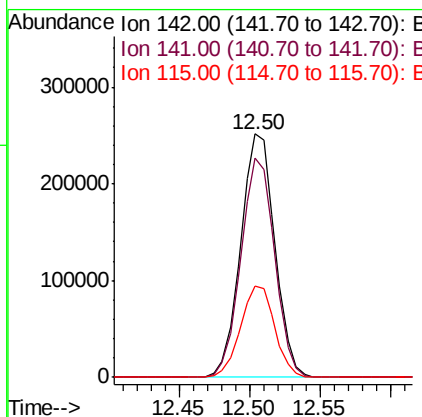
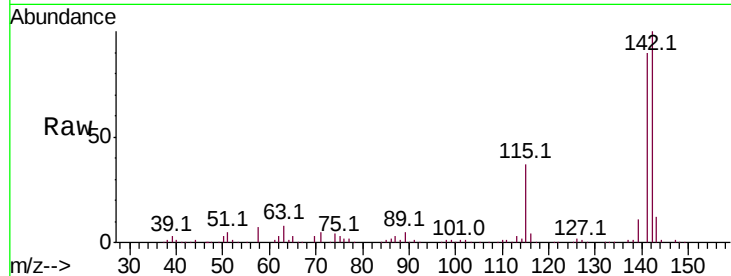
#37
2-Methylnaphthalene
Concen: 41.387 ng
RT: 12.50 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BG036749.D
Acq: 17 Sep 2018 11:30

Instrument :
BNA_G
ClientSampleId :
PB112885BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	68.5	102.7
115	37.3	29.8	44.8

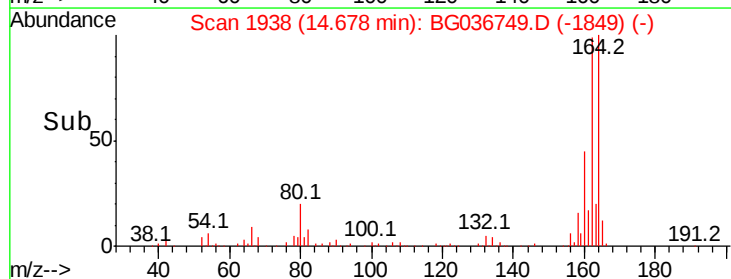
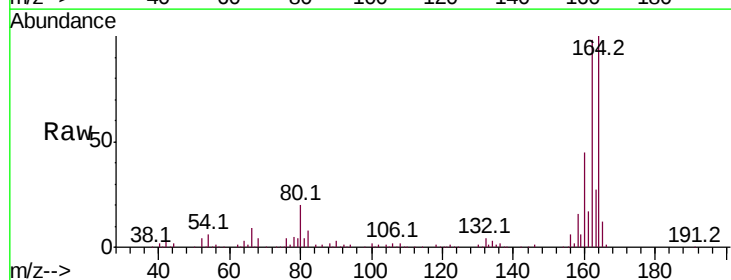
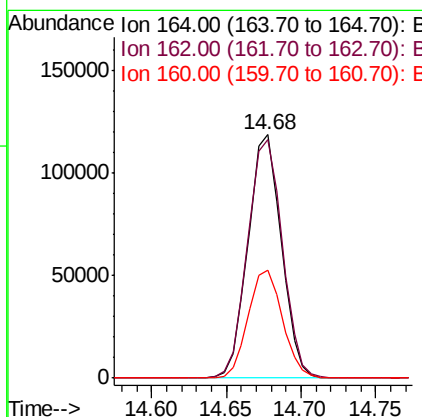
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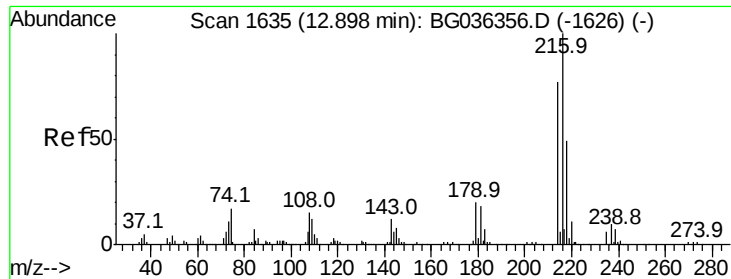
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG036749.D
Acq: 17 Sep 2018 11:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.0	80.7	121.1
160	44.6	35.3	52.9





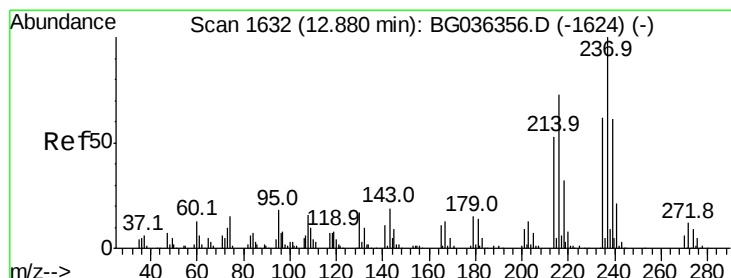
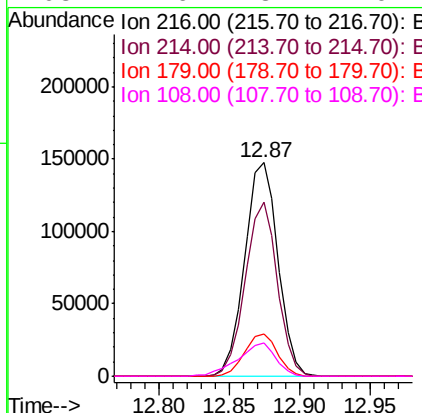
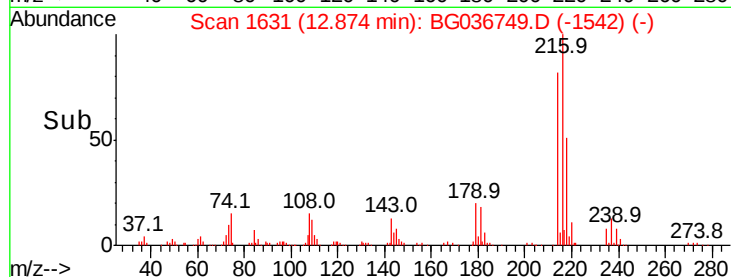
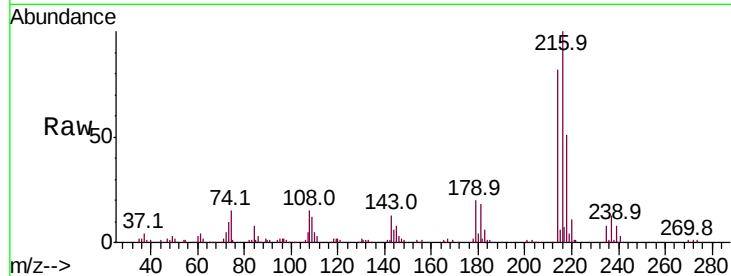
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.755 ng
 RT: 12.87 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BG036749.D
 Acq: 17 Sep 2018 11:30

Instrument :
 BNA_G
 ClientSampleId :
 PB112885BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	243953		
214	78.4	61.0	91.6	
179	19.4	15.7	23.5	
108	17.6	13.1	19.7	

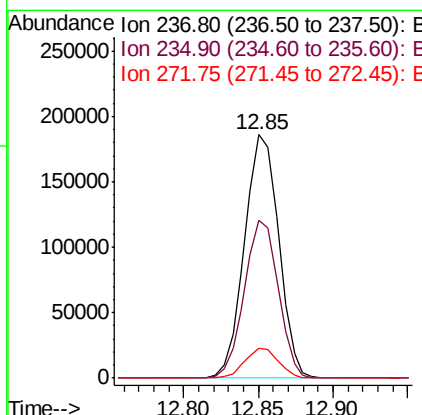
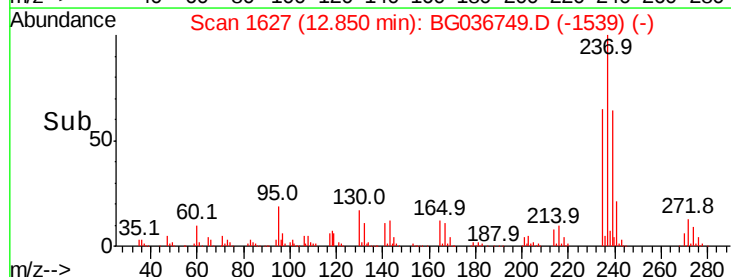
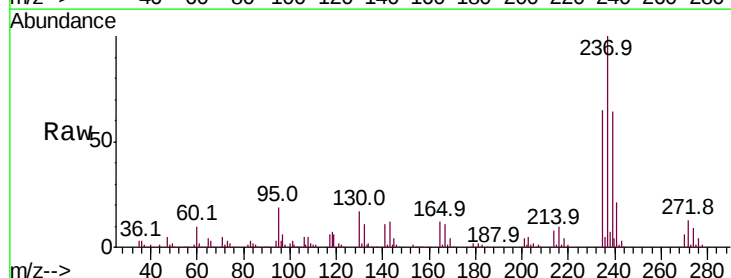
Manual Integrations
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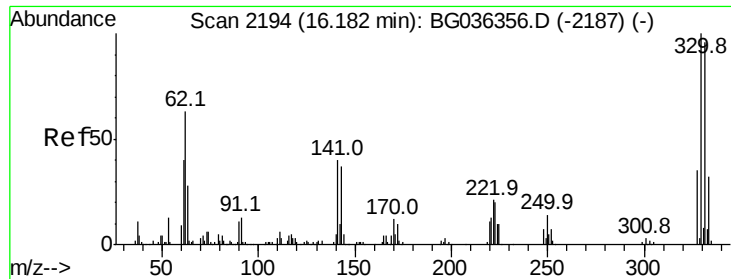
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#40
 Hexachlorocyclopentadiene
 Concen: 87.566 ng
 RT: 12.85 min Scan# 1627
 Delta R.T. -0.01 min
 Lab File: BG036749.D
 Acq: 17 Sep 2018 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	294392		
235	65.0	42.2	82.2	
272	12.5	0.0	32.1	





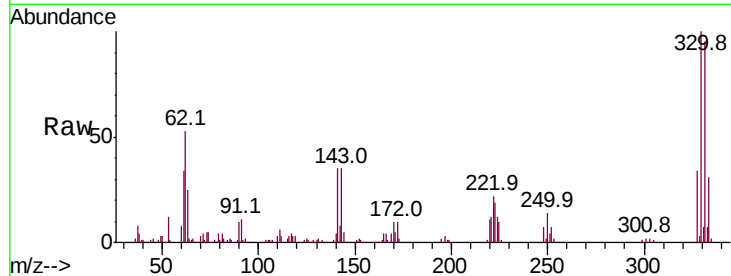
#41
 2,4,6-Tribromophenol
 Concen: 115.851 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036749.D
 Acq: 17 Sep 2018 11:30

Instrument :
 BNA_G
 ClientSampleId :
 PB112885BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	252399		
332	95.1	75.4	113.2	
141	36.3	30.7	46.1	

Manual Integrations
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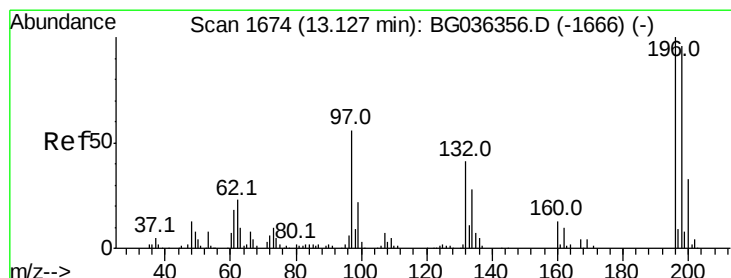
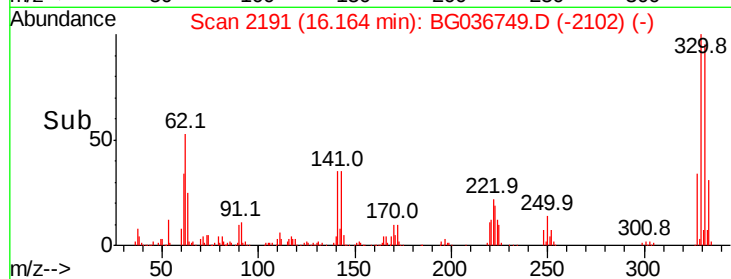
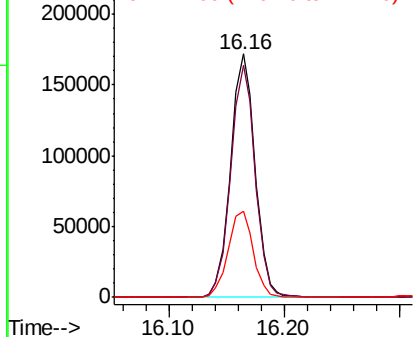


Abundance

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: 41.917 ng
 RT: 13.11 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BG036749.D
 Acq: 17 Sep 2018 11:30

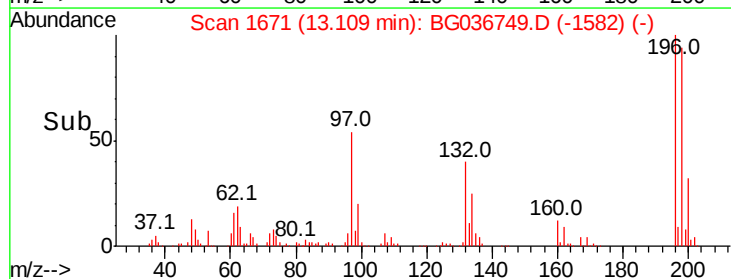
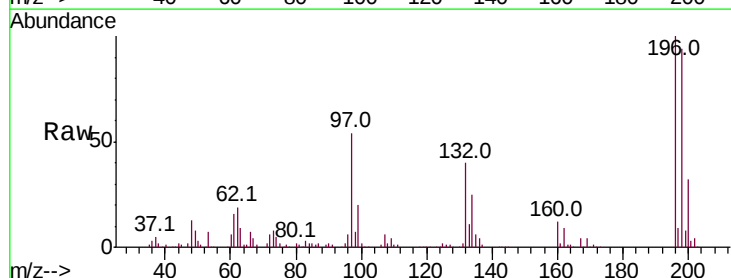
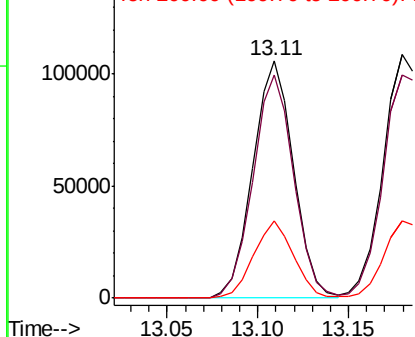
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	164985		
198	94.0	77.2	115.8	
200	32.3	26.3	39.5	

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





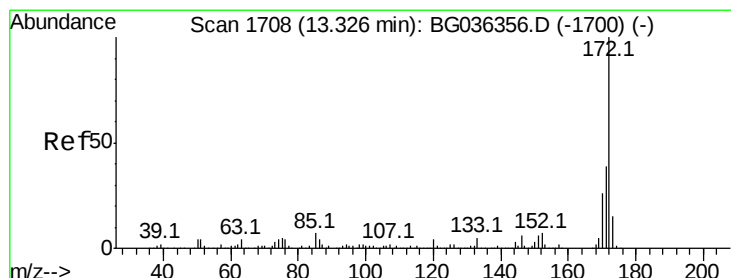
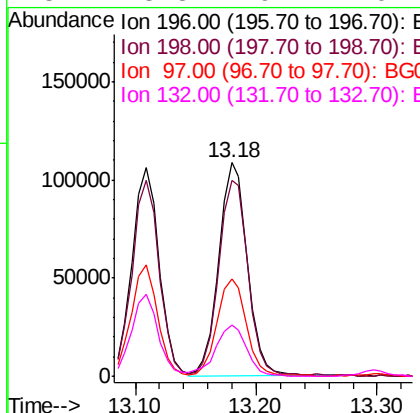
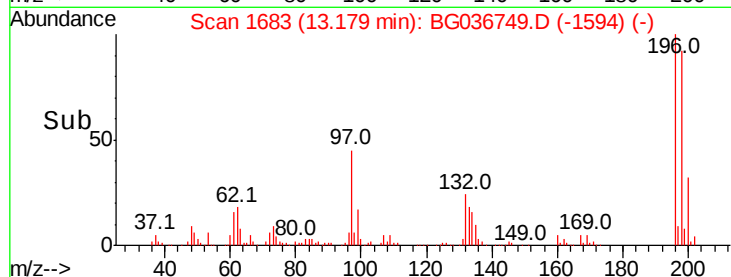
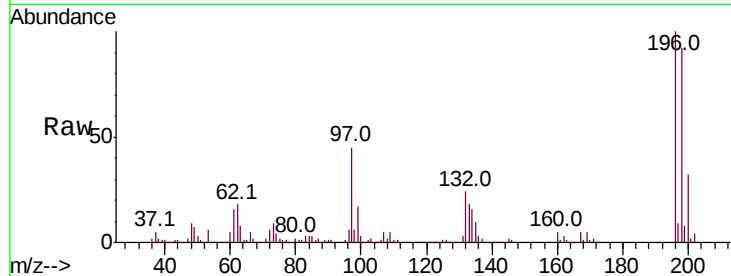
#43
 2,4,5-Trichlorophenol
 Concen: 42.302 ng
 RT: 13.18 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BG036749.D
 Acq: 17 Sep 2018 11:30

Instrument :
 BNA_G
 ClientSampleId :
 PB112885BS

Tot Ion	196	Resp	177594
Ion Ratio	Lower	Upper	
196	100		
198	91.8	75.6	113.4
97	45.4	37.2	55.8
132	23.8	19.4	29.2

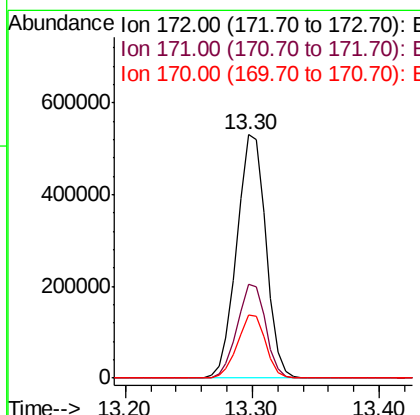
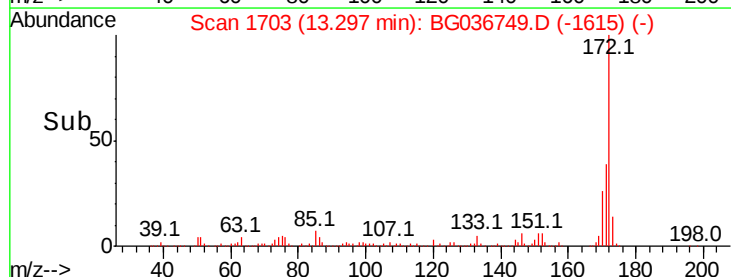
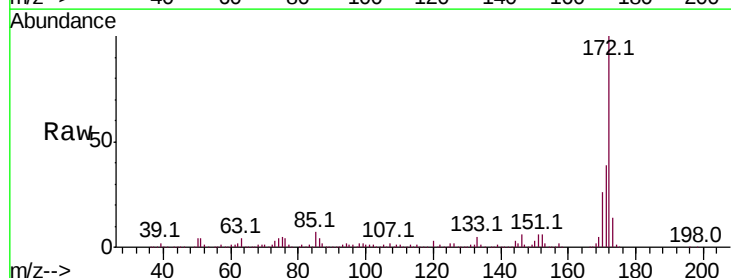
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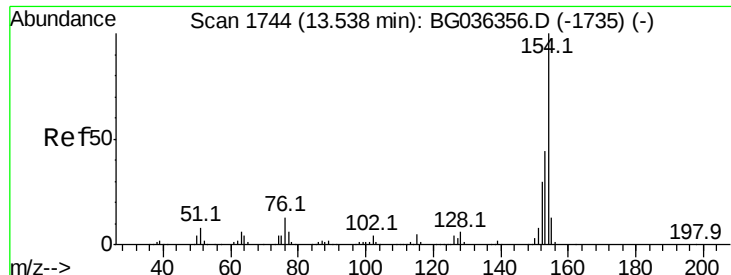
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#44
 2-Fluorobiphenyl
 Concen: 65.884 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036749.D
 Acq: 17 Sep 2018 11:30

Tgt Ion	172	Resp	842505
Ion Ratio	Lower	Upper	
172	100		
171	38.7	31.3	46.9
170	25.8	21.0	31.6





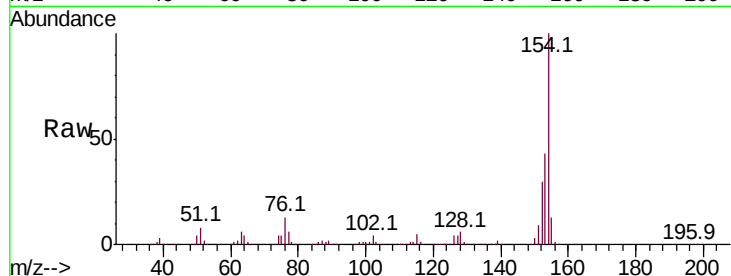
#45
 1,1'-Biphenyl
 Concen: 36.299 ng
 RT: 13.51 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG036749.D
 Acq: 17 Sep 2018 11:30

Instrument :
 BNA_G
 ClientSampleId :
 PB112885BS

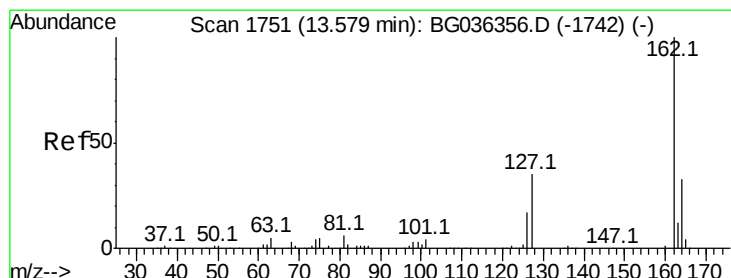
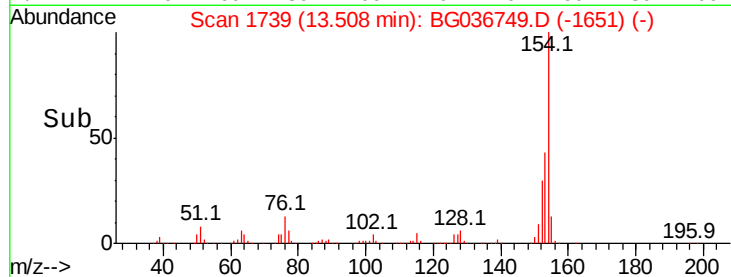
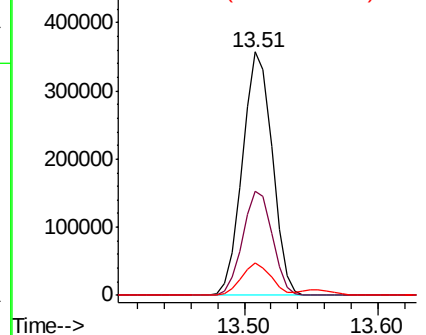
Tot Ion:	154	Resp:	550147
Ion Ratio	Lower	Upper	
154	100		
153	42.6	24.0	64.0
76	13.1	0.0	32.9

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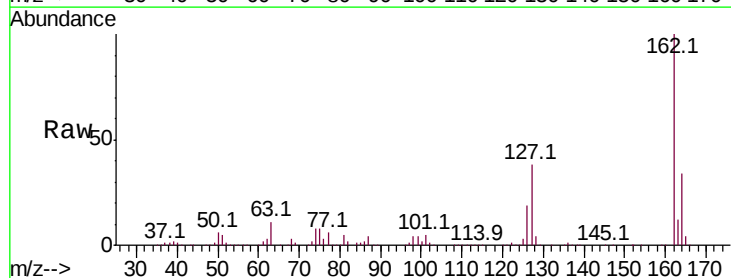


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

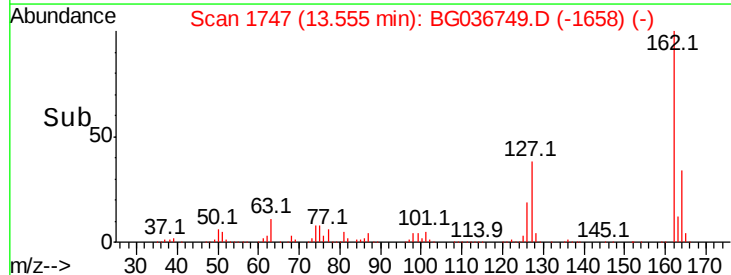
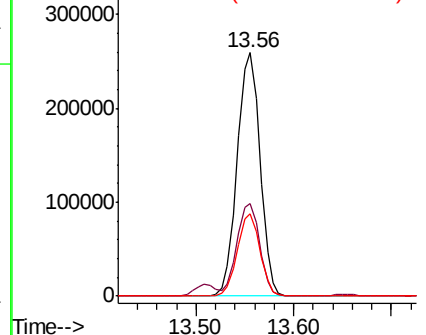


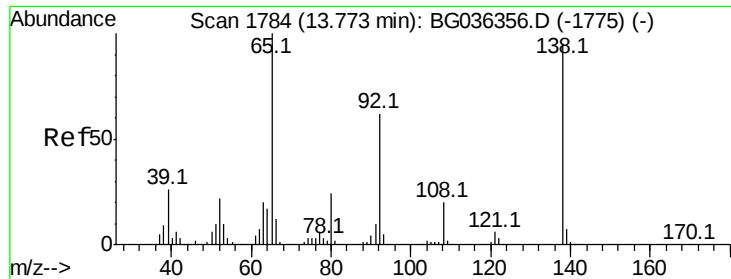
#46
 2-Chloronaphthalene
 Concen: 36.503 ng
 RT: 13.56 min Scan# 1747
 Delta R.T. -0.01 min
 Lab File: BG036749.D
 Acq: 17 Sep 2018 11:30

Tgt Ion:	162	Resp:	422352
Ion Ratio	Lower	Upper	
162	100		
127	37.9	30.7	46.1
164	33.9	26.7	40.1



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





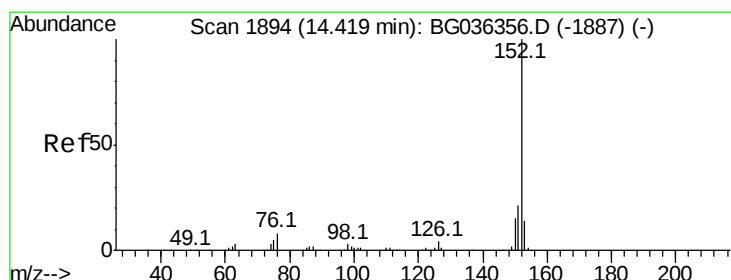
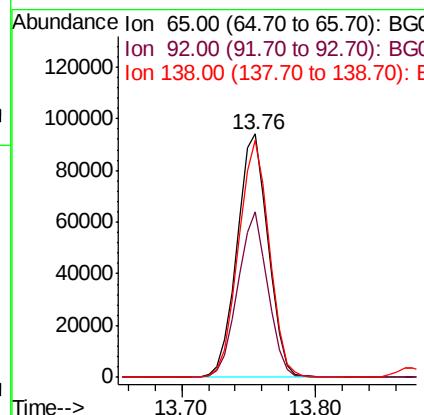
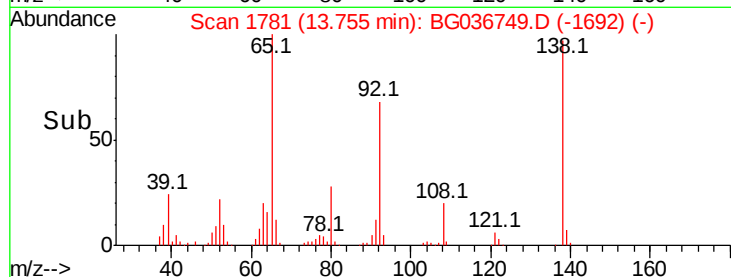
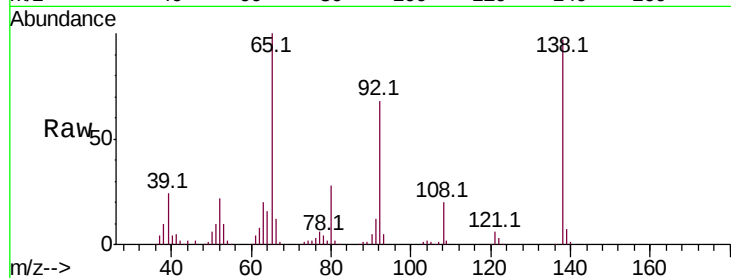
#47
2-Nitroaniline
Concen: 41.941 ng
RT: 13.76 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BG036749.D
Acq: 17 Sep 2018 11:30

Instrument :
BNA_G
ClientSampleId :
PB112885BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.0	49.9	74.9
138	97.5	76.2	114.4

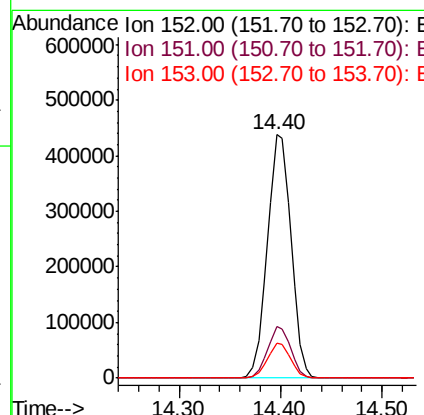
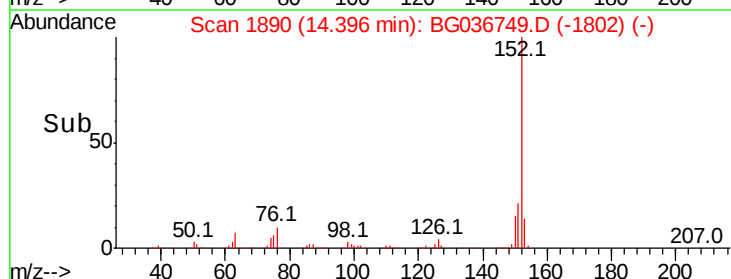
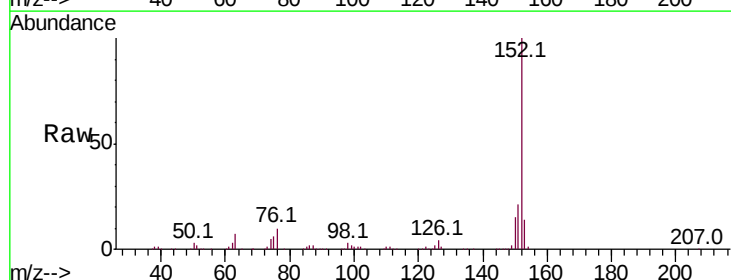
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#48
Acenaphthylene
Concen: 39.312 ng
RT: 14.40 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BG036749.D
Acq: 17 Sep 2018 11:30

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.9	25.3
153	14.4	11.2	16.8





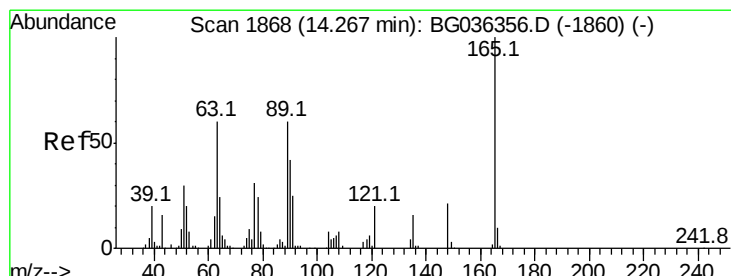
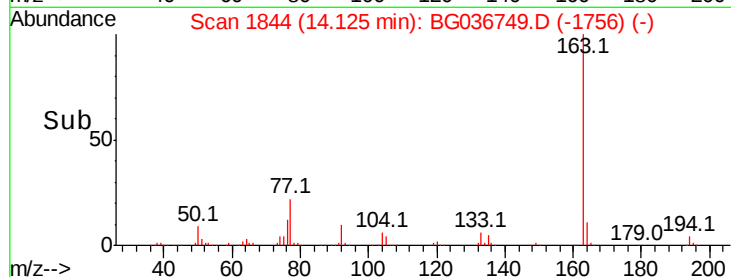
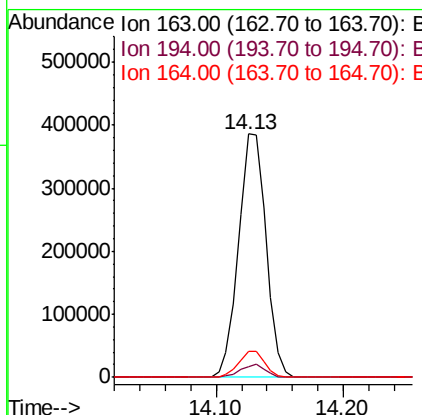
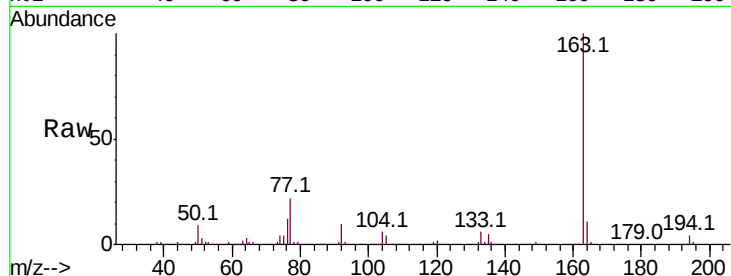
#49
Dimethylphthalate
Concen: 38.810 ng
RT: 14.13 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BG036749.D
Acq: 17 Sep 2018 11:30

Instrument :
BNA_G
ClientSampleId :
PB112885BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	578632		
194	4.4	4.0	6.0	
164	10.9	8.1	12.1	

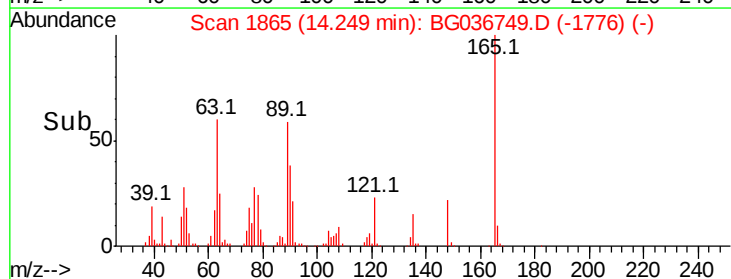
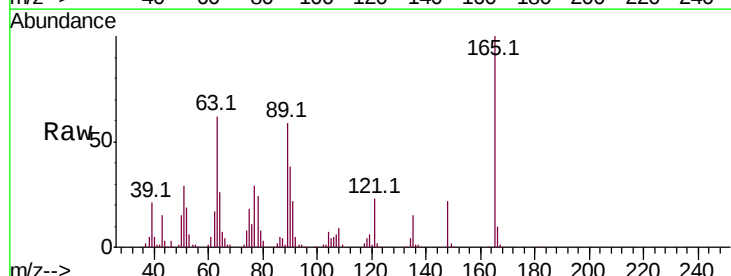
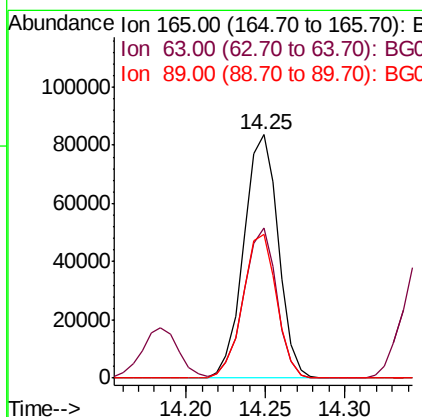
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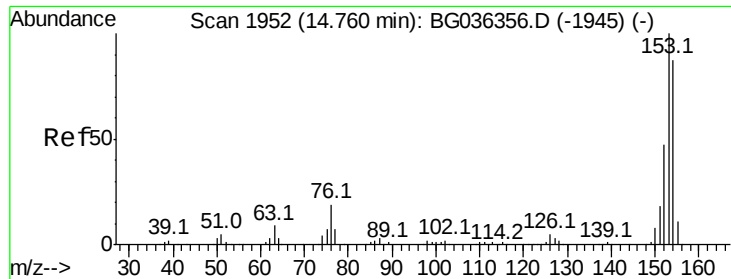
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#50
2,6-Dinitrotoluene
Concen: 41.209 ng
RT: 14.25 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BG036749.D
Acq: 17 Sep 2018 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	126425		
63	61.5	50.1	75.1	
89	59.0	47.8	71.6	





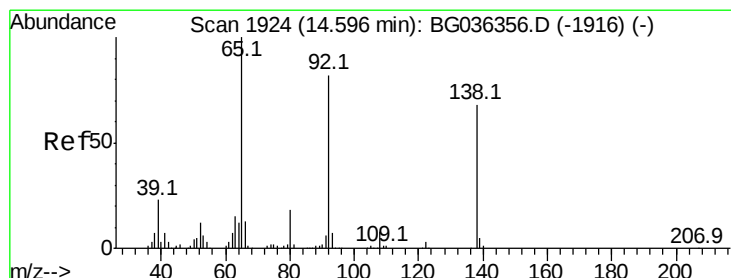
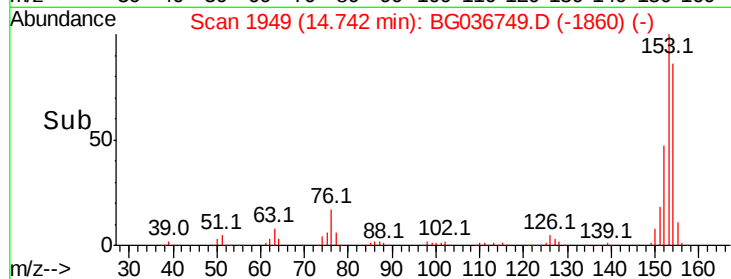
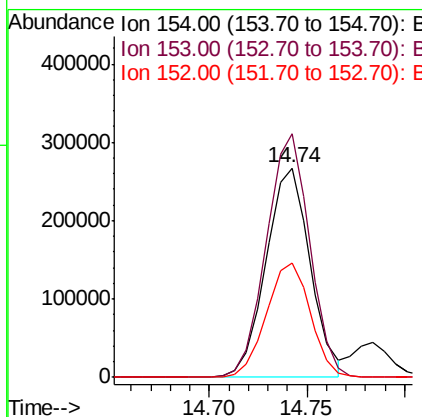
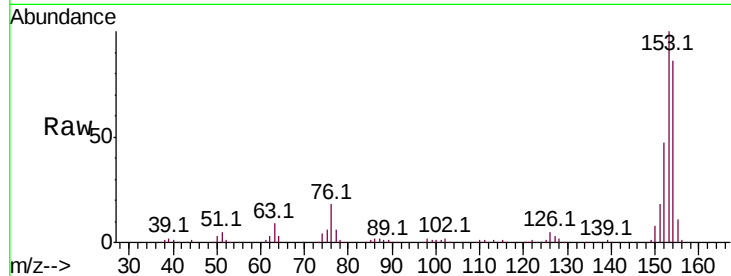
#51
Acenaphthene
Concen: 36.073 ng
RT: 14.74 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BG036749.D
Acq: 17 Sep 2018 11:30

Instrument :
BNA_G
ClientSampleId :
PB112885BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	116.3	91.8	137.6
152	54.7	43.5	65.3

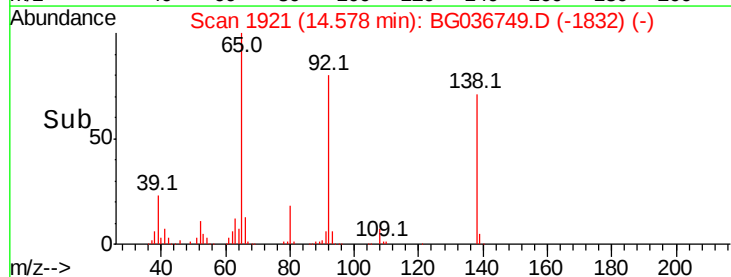
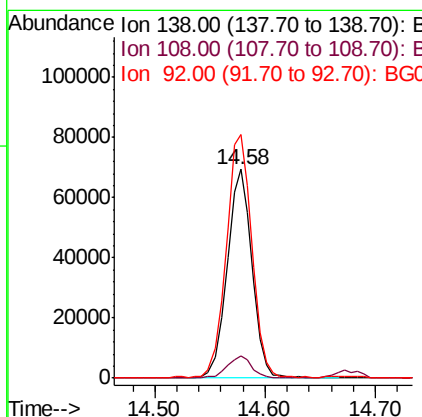
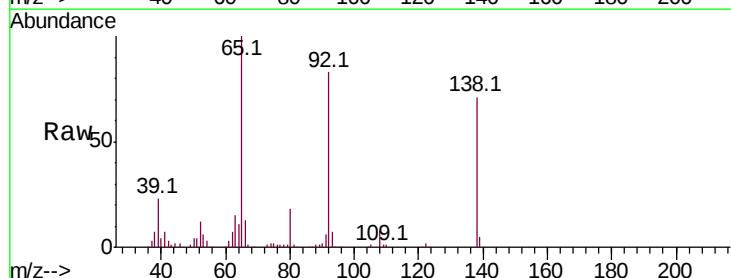
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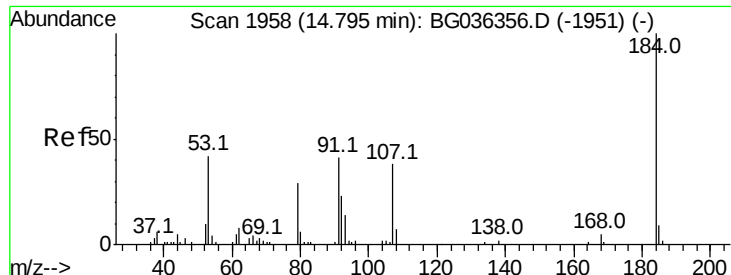
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#52
3-Nitroaniline
Concen: 32.981 ng
RT: 14.58 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BG036749.D
Acq: 17 Sep 2018 11:30

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.8	9.4	14.2
92	116.8	96.8	145.2





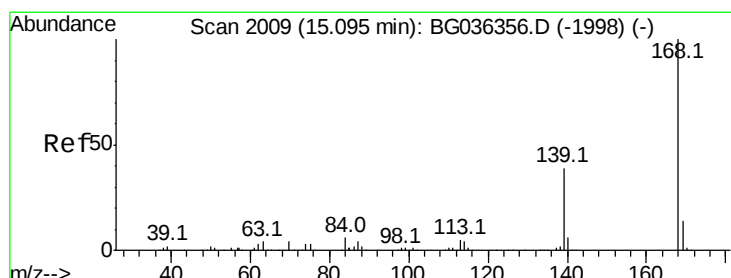
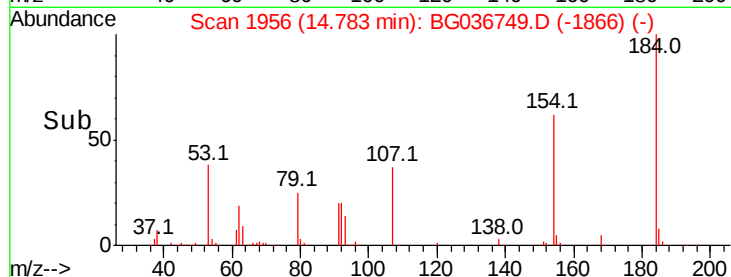
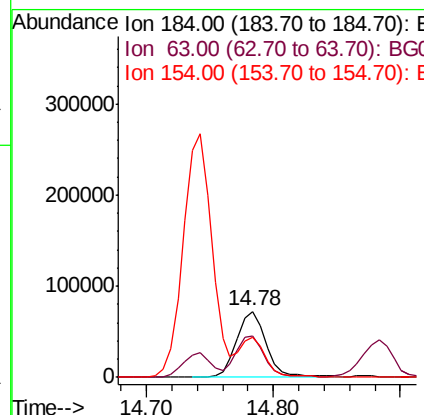
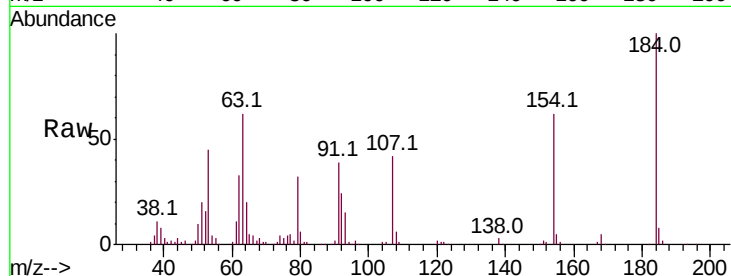
#53
2,4-Dinitrophenol
Concen: 100.186 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.00 min
Lab File: BG036749.D
Acq: 17 Sep 2018 11:30

Instrument :
BNA_G
ClientSampleId :
PB112885BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	62.5	47.3	70.9	
154	61.6	51.1	76.7	

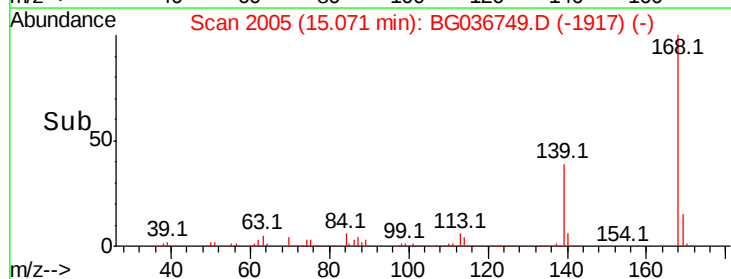
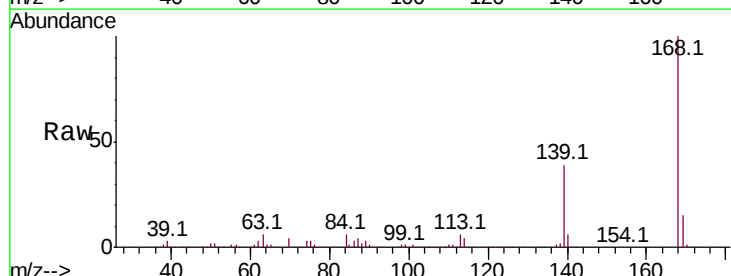
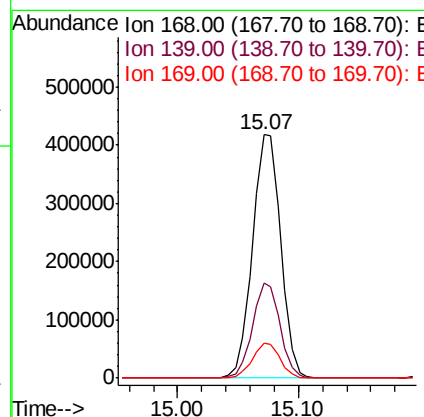
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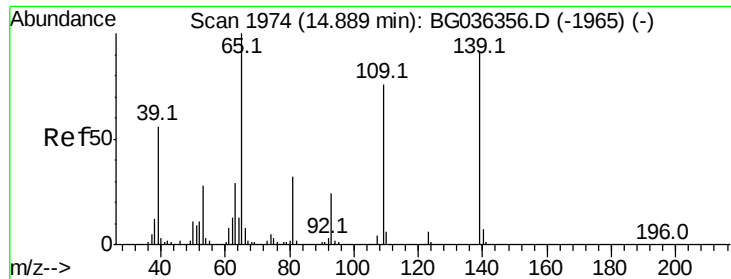
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#54
Dibenzofuran
Concen: 37.490 ng
RT: 15.07 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BG036749.D
Acq: 17 Sep 2018 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.9	31.0	46.6	
169	14.6	11.1	16.7	





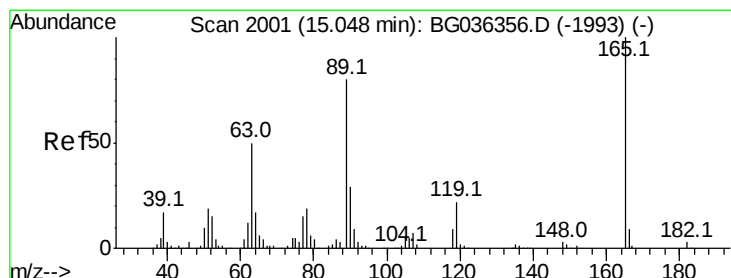
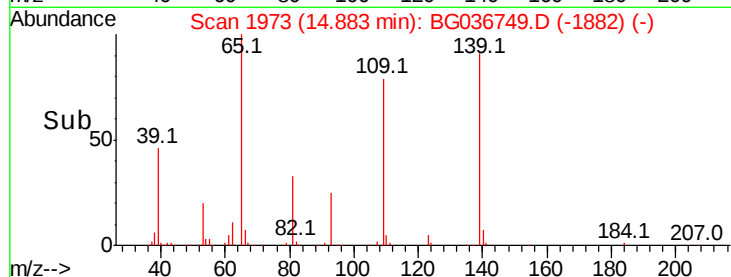
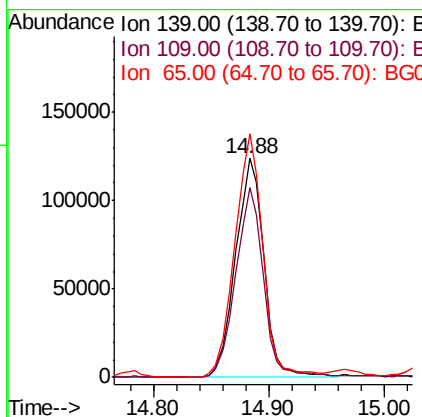
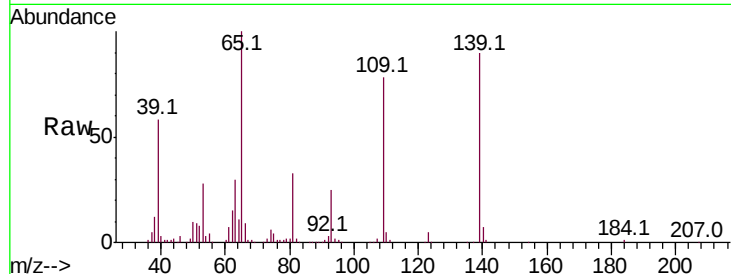
#55
4-Nitrophenol
Concen: 78.204 ng
RT: 14.88 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG036749.D
Acq: 17 Sep 2018 11:30

Instrument :
BNA_G
ClientSampleId :
PB112885BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	211396		
109	87.0	63.9	103.9	
65	111.3	90.0	130.0	

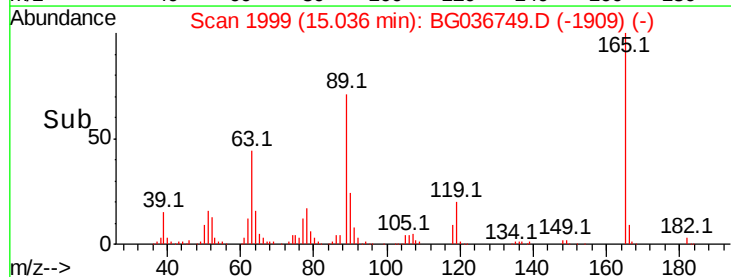
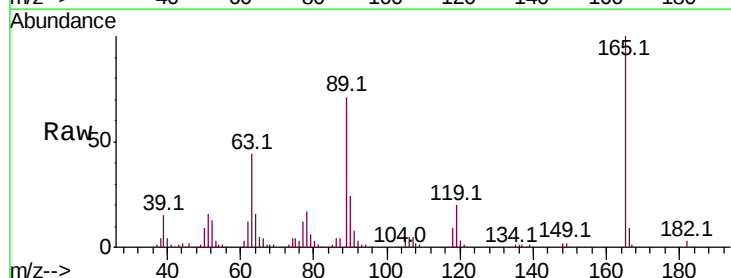
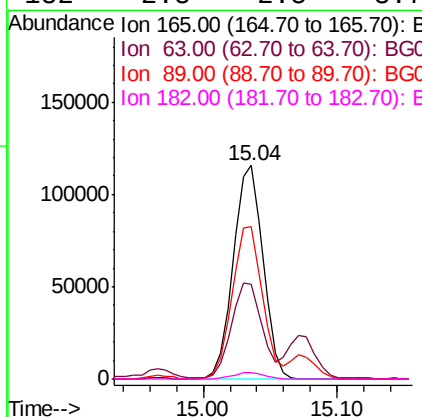
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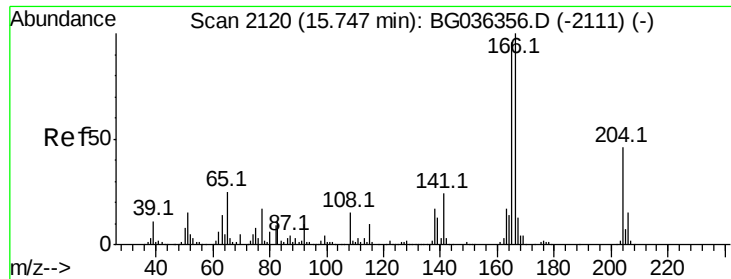
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#56
2,4-Dinitrotoluene
Concen: 44.761 ng
RT: 15.04 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BG036749.D
Acq: 17 Sep 2018 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	178973		
63	44.4	40.1	60.1	
89	71.1	63.7	95.5	
182	2.8	2.5	3.7	





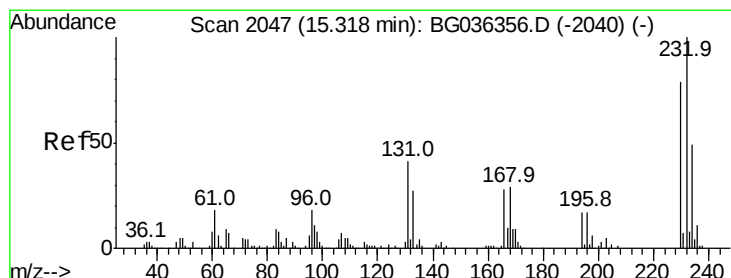
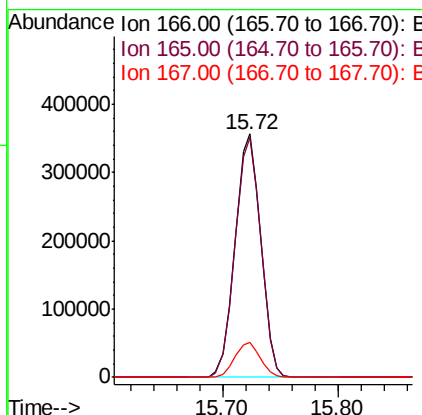
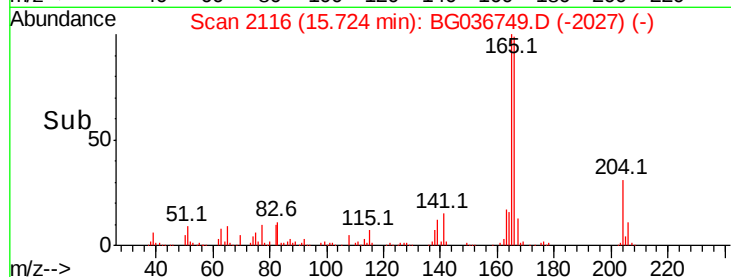
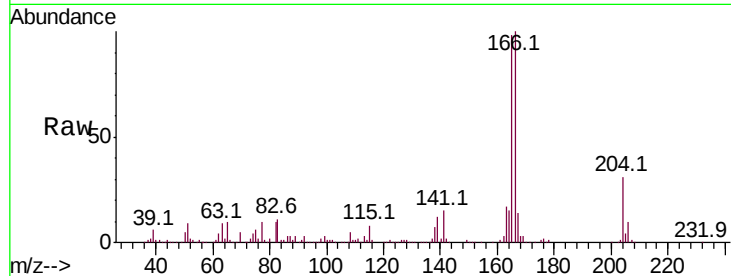
#57
 Fluorene
 Concen: 40.310 ng
 RT: 15.72 min Scan# 2116
 Delta R.T. -0.01 min
 Lab File: BG036749.D
 Acq: 17 Sep 2018 11:30

Instrument :
 BNA_G
 ClientSampleId :
 PB112885BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.4	77.0	115.4	
167	14.3	10.6	16.0	

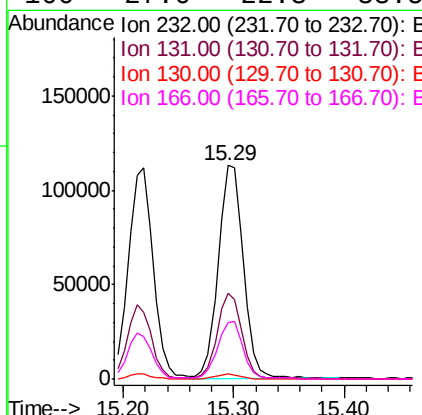
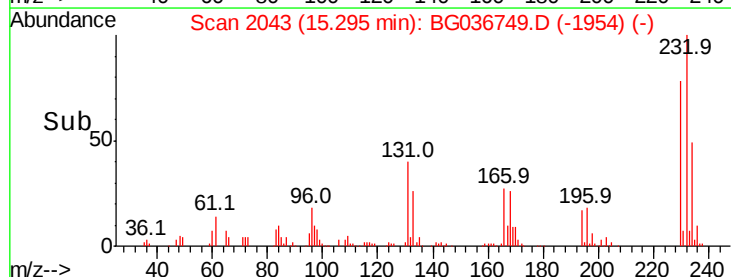
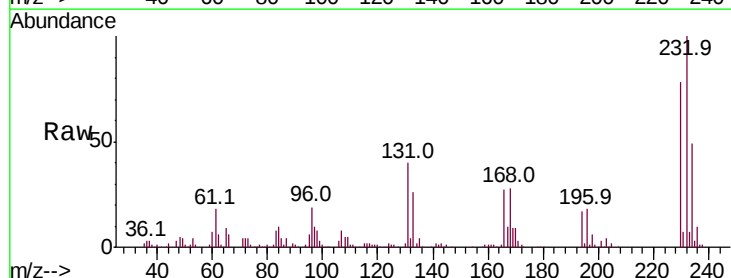
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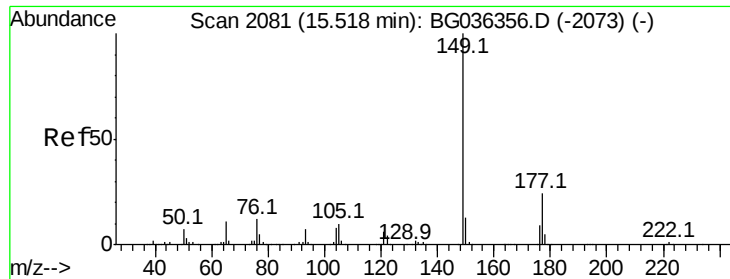
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.531 ng
 RT: 15.29 min Scan# 2043
 Delta R.T. -0.01 min
 Lab File: BG036749.D
 Acq: 17 Sep 2018 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	39.8	33.8	50.8	
130	2.2	2.1	3.1	
166	27.6	22.3	33.5	





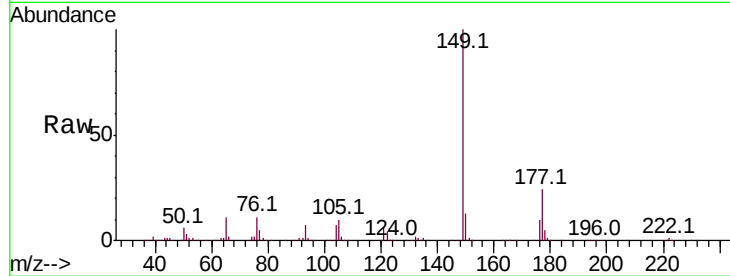
#59
Diethylphthalate
Concen: 37.792 ng
RT: 15.49 min Scan# 2076
Delta R.T. -0.01 min
Lab File: BG036749.D
Acq: 17 Sep 2018 11:30

Instrument :
BNA_G
ClientSampled :
PB112885BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	567832		
177	23.9	19.1	28.7	
150	13.2	10.7	16.1	

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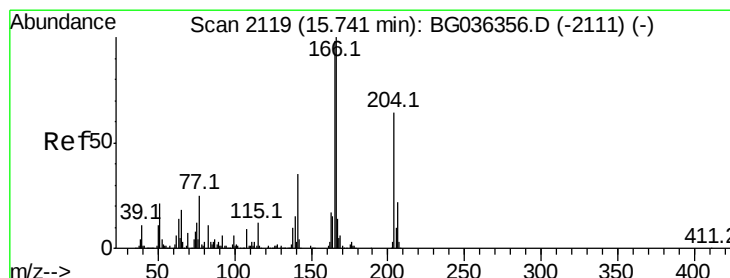
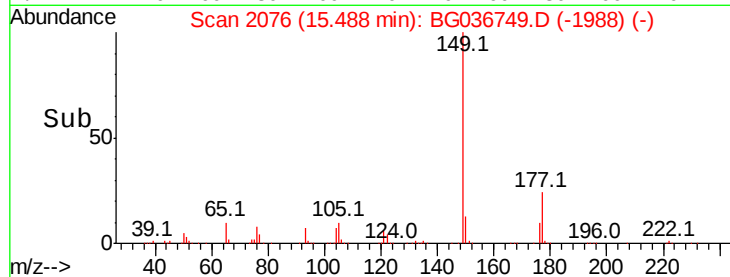
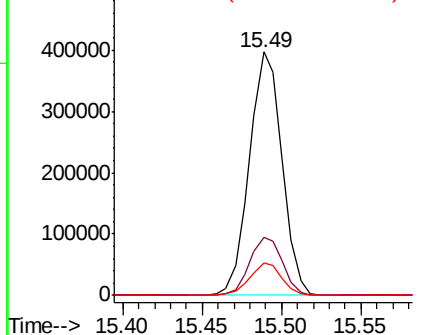


Abundance

Ion 149.00 (148.70 to 149.70): E

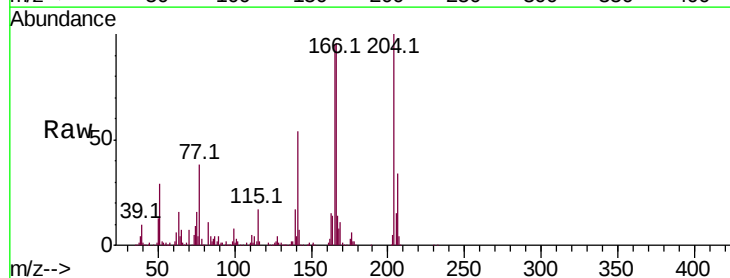
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60
4-Chlorophenyl-phenylether
Concen: 37.332 ng
RT: 15.71 min Scan# 2114
Delta R.T. -0.01 min
Lab File: BG036749.D
Acq: 17 Sep 2018 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	312663		
206	33.8	27.0	40.4	
141	54.1	43.8	65.6	

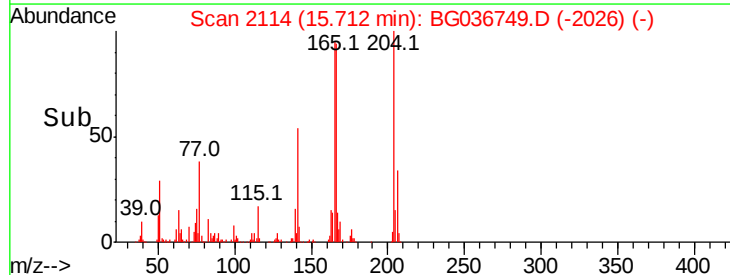
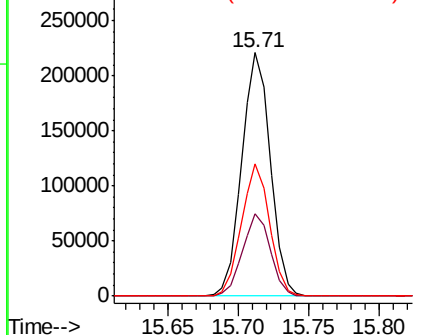


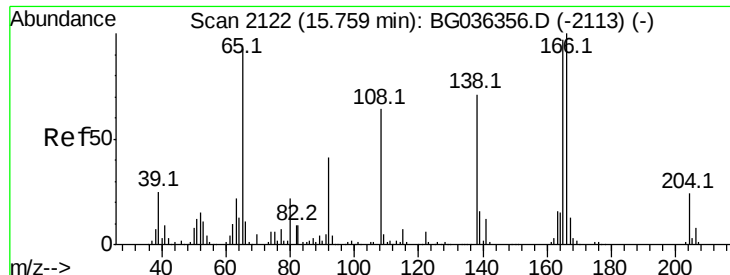
Abundance

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





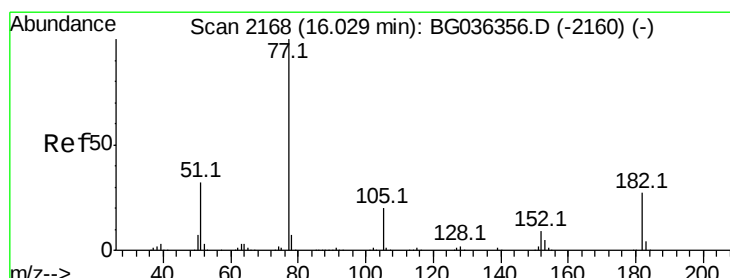
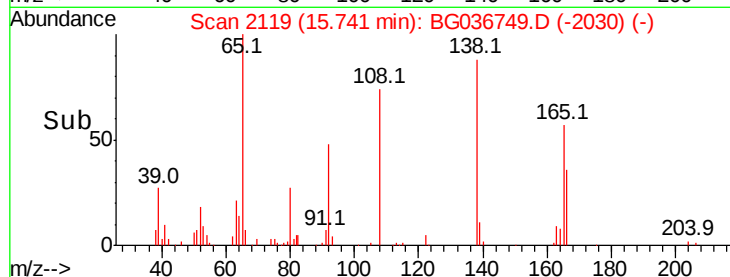
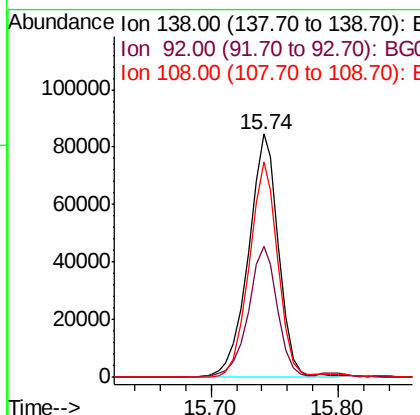
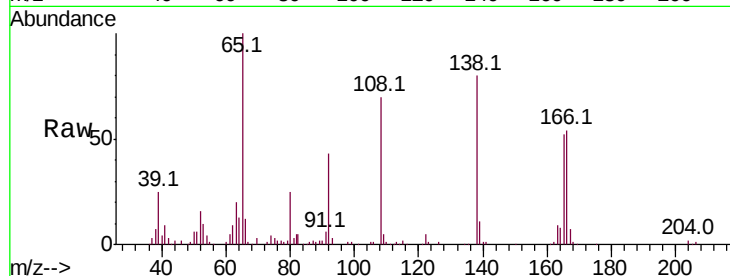
#61
4-Nitroaniline
Concen: 40.383 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BG036749.D
Acq: 17 Sep 2018 11:30

Instrument :
BNA_G
ClientSampleId :
PB112885BS

Tot Ion:138 Resp: 139709
Ion Ratio Lower Upper
138 100
92 54.0 38.5 78.5
108 88.4 70.3 110.3

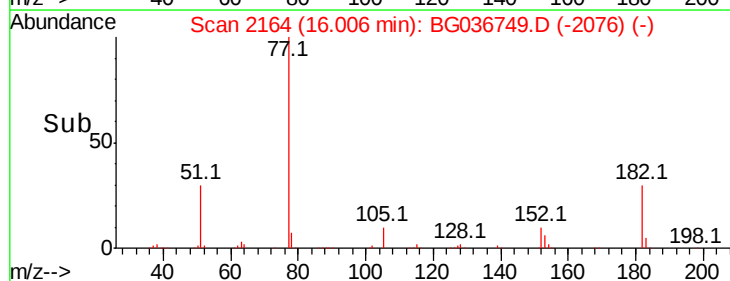
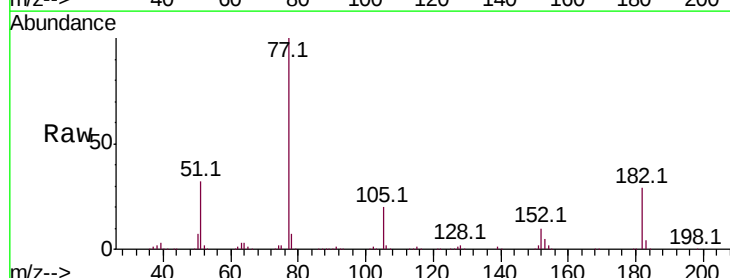
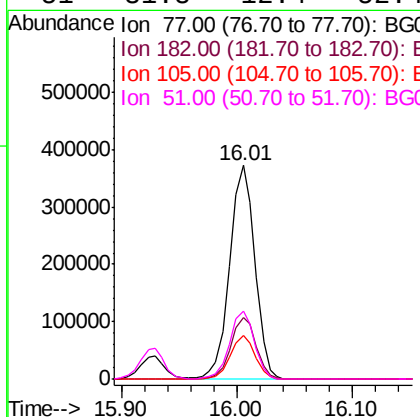
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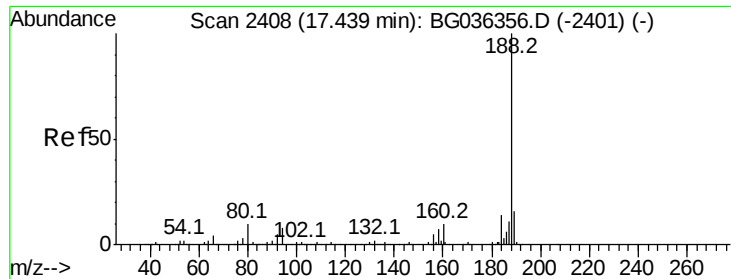
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#62
Azobenzene
Concen: 36.647 ng
RT: 16.01 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BG036749.D
Acq: 17 Sep 2018 11:30

Tgt Ion: 77 Resp: 560250
Ion Ratio Lower Upper
77 100
182 28.7 6.7 46.7
105 20.1 0.0 39.8
51 31.8 12.4 52.4





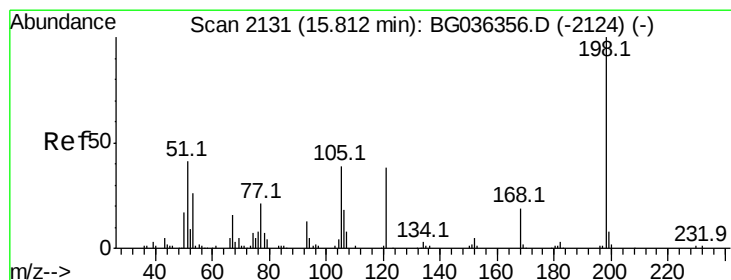
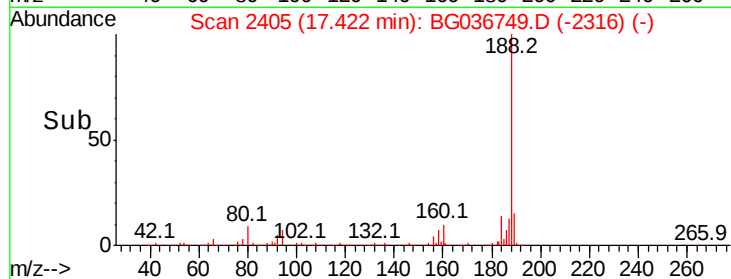
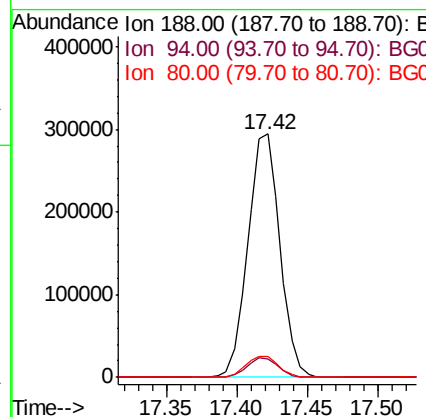
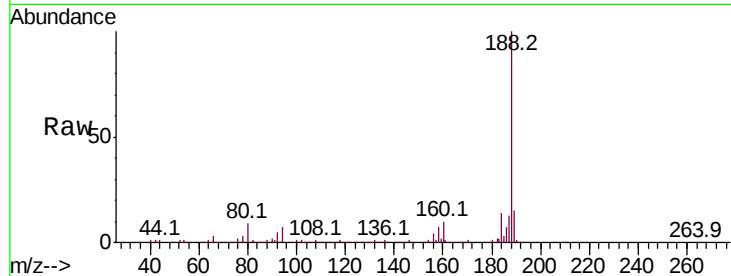
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036749.D
Acq: 17 Sep 2018 11:30

Instrument :
BNA_G
ClientSampleId :
PB112885BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	467701		
94	7.4	6.7	10.1	
80	8.6	8.1	12.1	

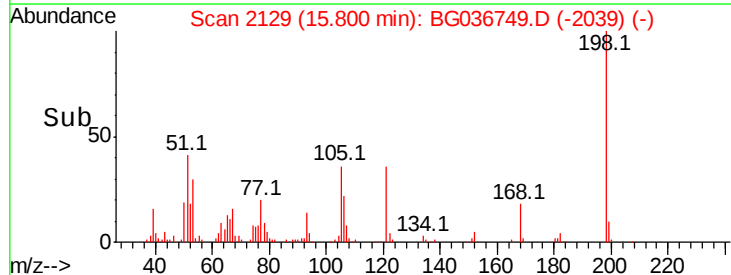
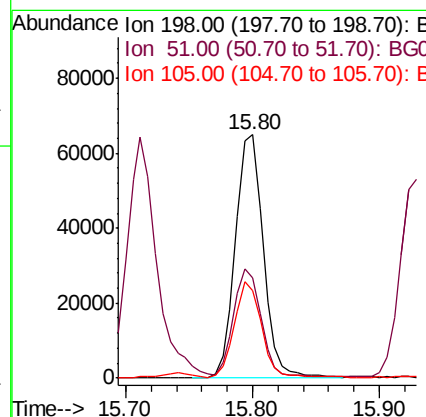
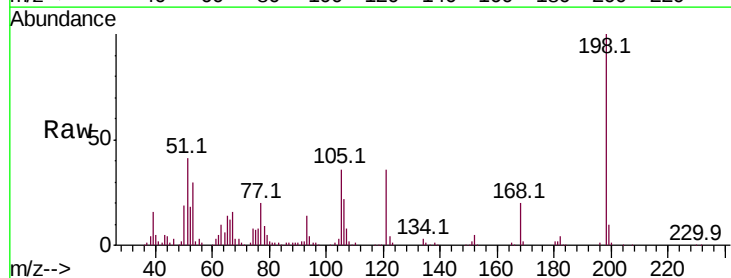
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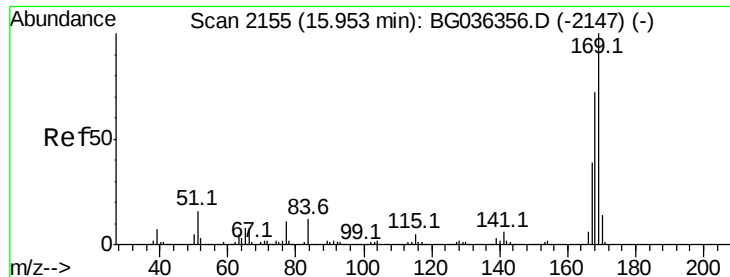
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#64
4,6-Dinitro-2-methylphenol
Concen: 48.108 ng
RT: 15.80 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BG036749.D
Acq: 17 Sep 2018 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	98839		
51	41.3	26.5	66.5	
105	36.0	20.2	60.2	





#65

n-Nitrosodiphenylamine

Concen: 36.397 ng

RT: 15.93 min Scan# 2151

Delta R.T. -0.01 min

Lab File: BG036749.D

Acq: 17 Sep 2018 11:30

Instrument :

BNA_G

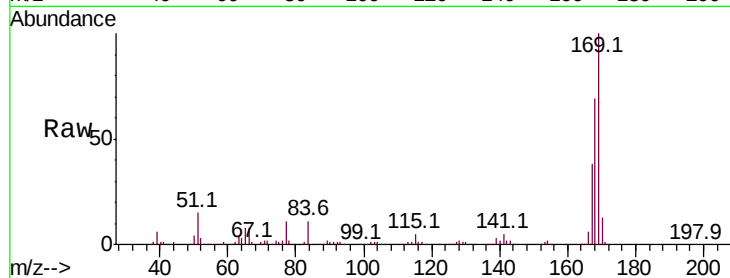
ClientSampleId :

PB112885BS

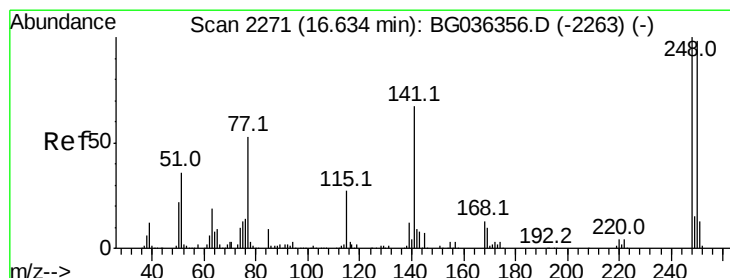
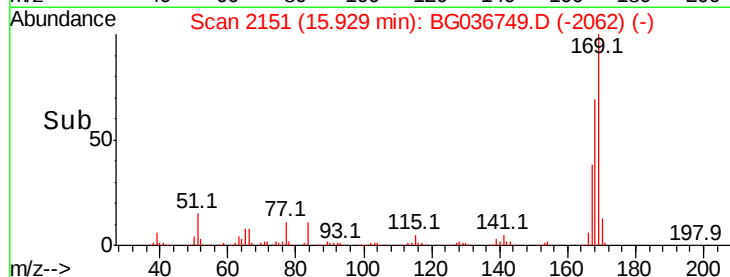
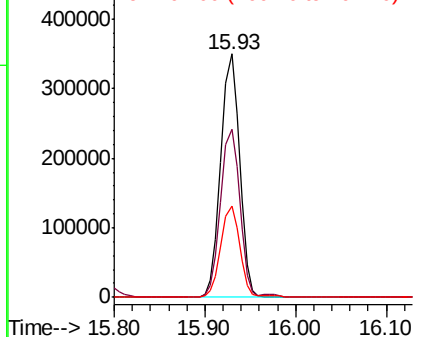
Tot Ion:	169	Resp:	505810
Ion Ratio	Lower	Upper	
169	100		
168	68.9	57.6	86.4
167	37.7	31.0	46.4

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.245 ng

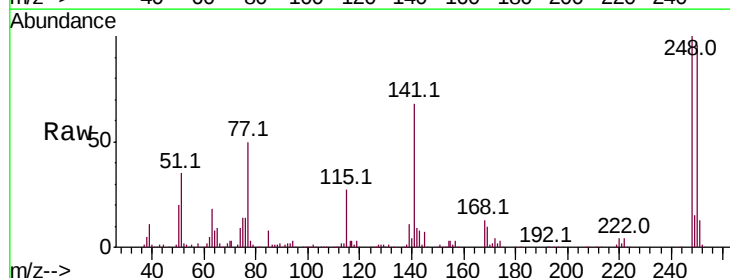
RT: 16.60 min Scan# 2266

Delta R.T. -0.01 min

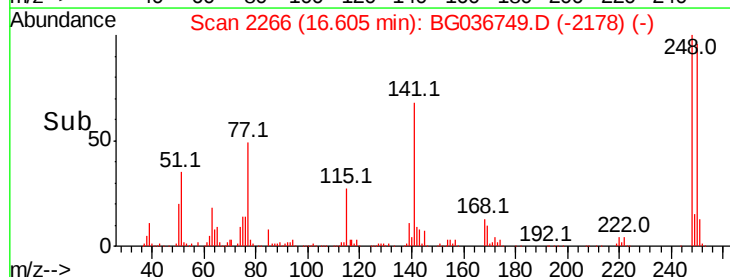
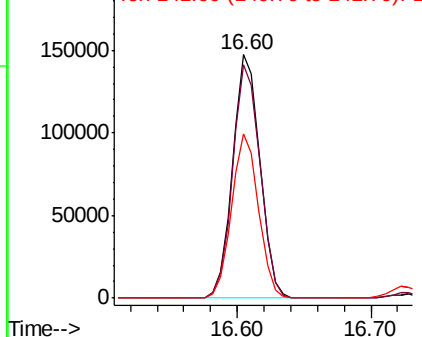
Lab File: BG036749.D

Acq: 17 Sep 2018 11:30

Tgt Ion:	248	Resp:	209425
Ion Ratio	Lower	Upper	
248	100		
250	95.9	78.1	117.1
141	67.6	53.7	80.5



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





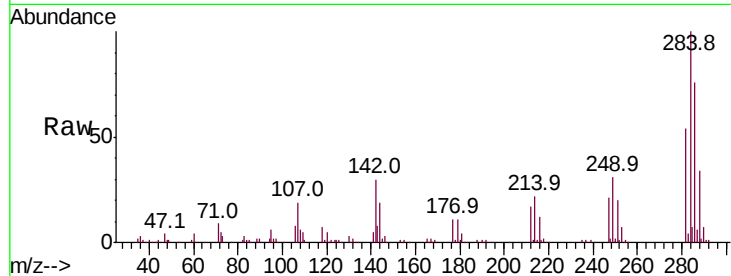
#67
Hexachlorobenzene
Concen: 37.352 ng
RT: 16.73 min Scan# 2287
Delta R.T. -0.00 min
Lab File: BG036749.D
Acq: 17 Sep 2018 11:30

Instrument :
BNA_G
ClientSampleId :
PB112885BS

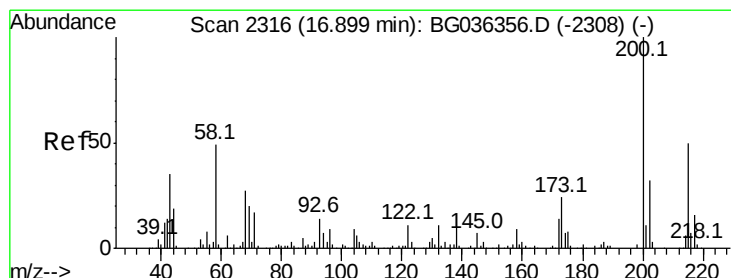
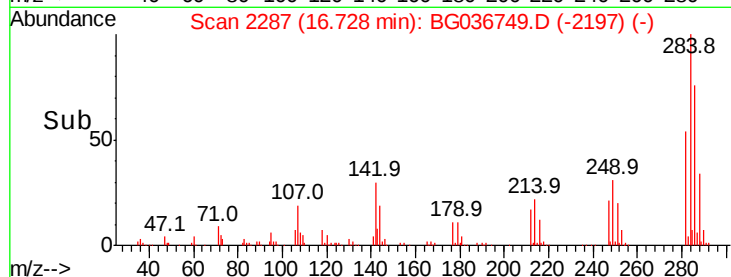
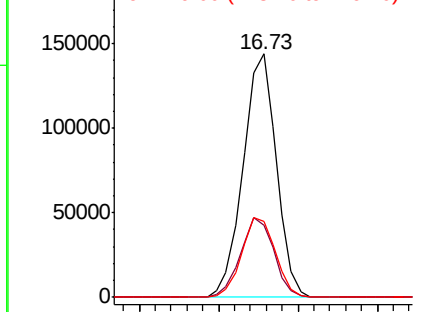
Tot Ion	Ratio	Resp	Lower	Upper
284	100	209141		
142	29.8	27.8	41.6	
249	30.9	27.4	41.2	

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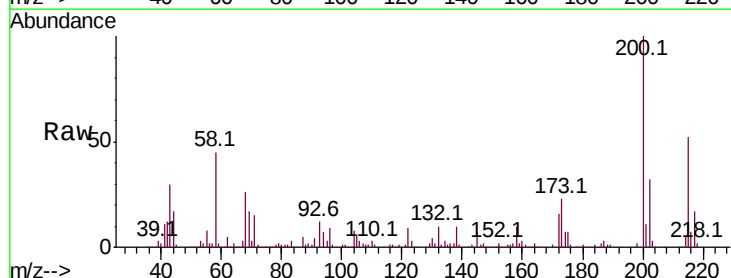


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

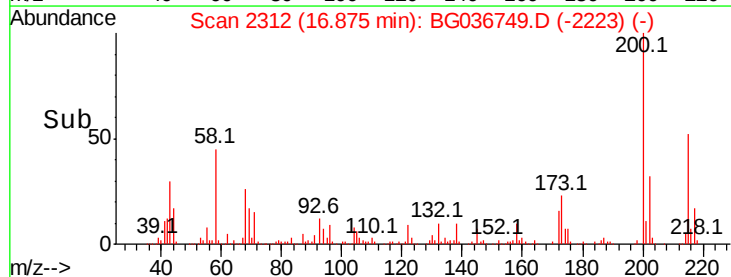
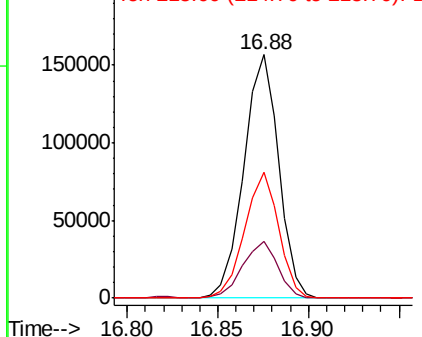


#68
Atrazine
Concen: 40.178 ng
RT: 16.88 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BG036749.D
Acq: 17 Sep 2018 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	209579		
173	23.4	3.9	43.9	
215	51.7	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





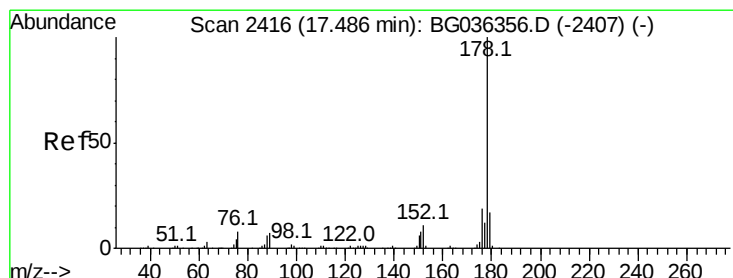
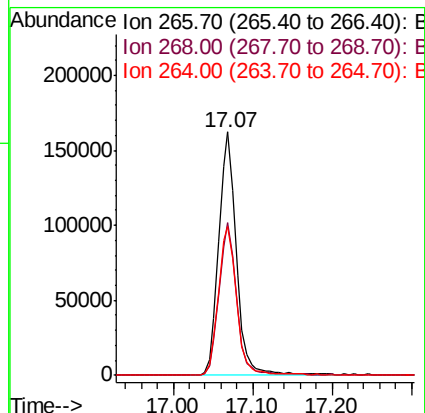
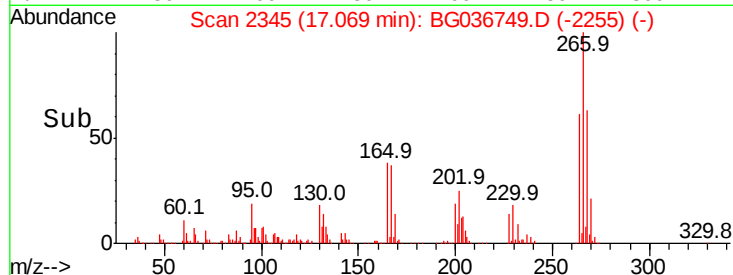
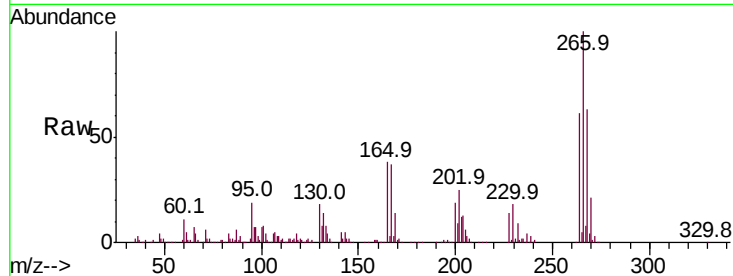
#69
 Pentachlorophenol
 Concen: 66.307 ng
 RT: 17.07 min Scan# 2345
 Delta R.T. -0.00 min
 Lab File: BG036749.D
 Acq: 17 Sep 2018 11:30

Instrument :
 BNA_G
 ClientSampleId :
 PB112885BS

Tot Ion:	266	Resp:	252327
Ion Ratio		Lower	Upper
266	100		
268	62.9	51.4	77.2
264	60.9	48.9	73.3

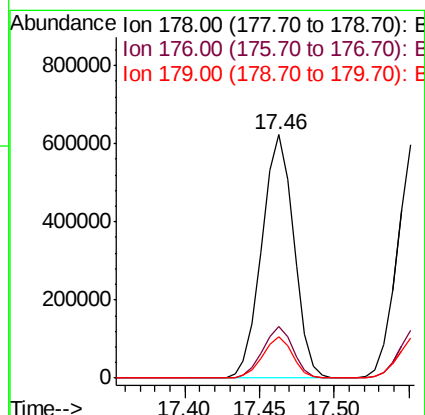
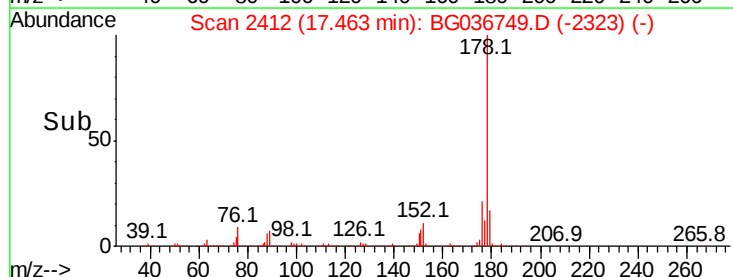
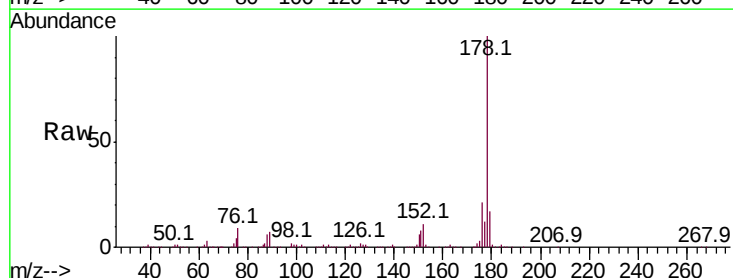
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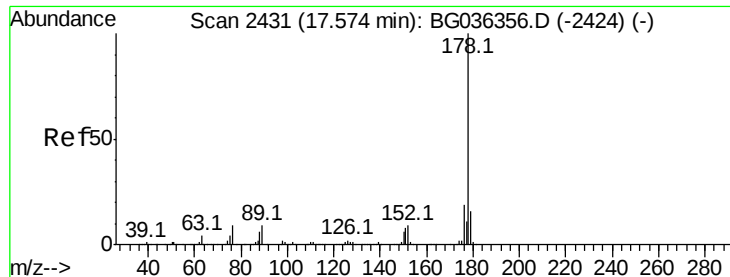
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#70
 Phenanthrene
 Concen: 38.894 ng
 RT: 17.46 min Scan# 2412
 Delta R.T. -0.01 min
 Lab File: BG036749.D
 Acq: 17 Sep 2018 11:30

Tgt Ion:	178	Resp:	924325
Ion Ratio		Lower	Upper
178	100		
176	21.0	15.4	23.2
179	16.9	13.4	20.2





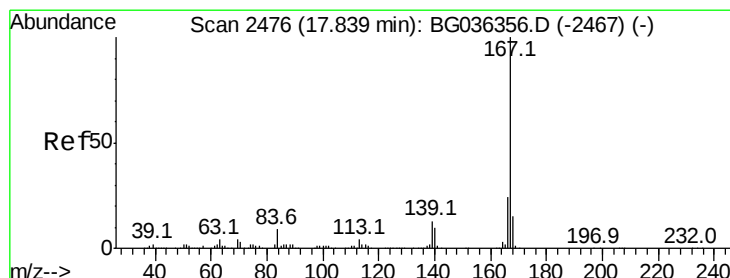
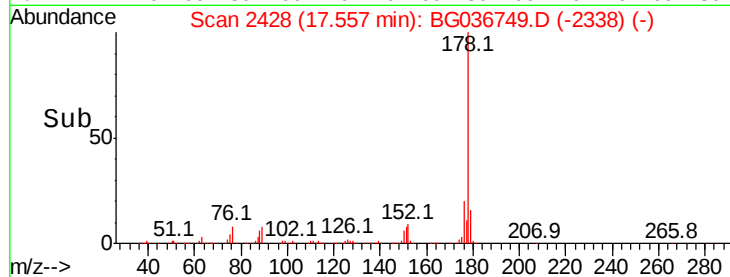
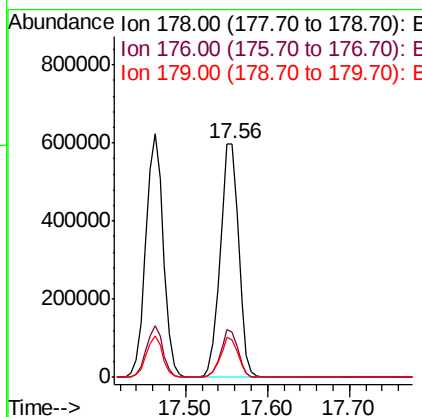
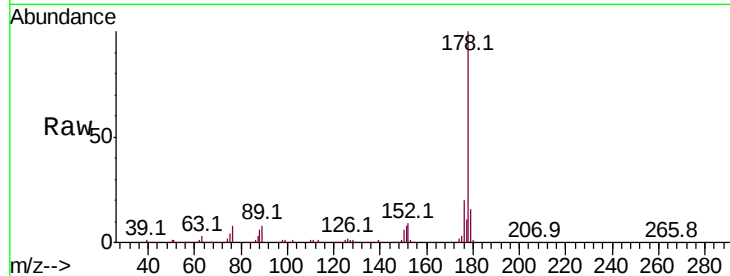
#71
 Anthracene
 Concen: 39.567 ng
 RT: 17.56 min Scan# 2428
 Delta R.T. -0.00 min
 Lab File: BG036749.D
 Acq: 17 Sep 2018 11:30

Instrument :
 BNA_G
 ClientSampleId :
 PB112885BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	16.1	13.0	19.4

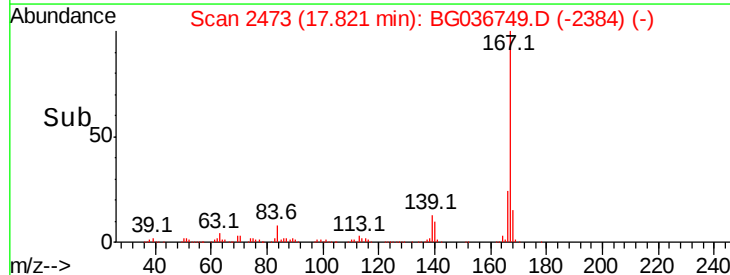
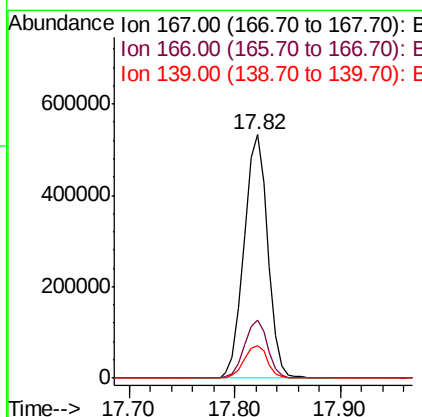
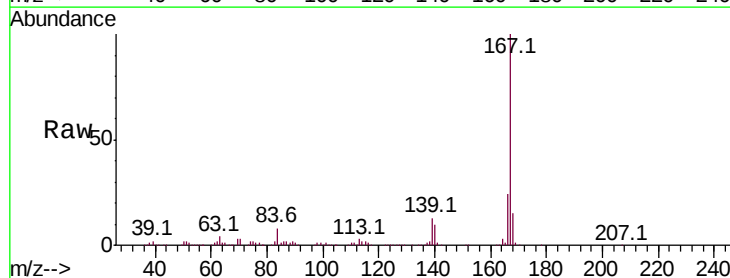
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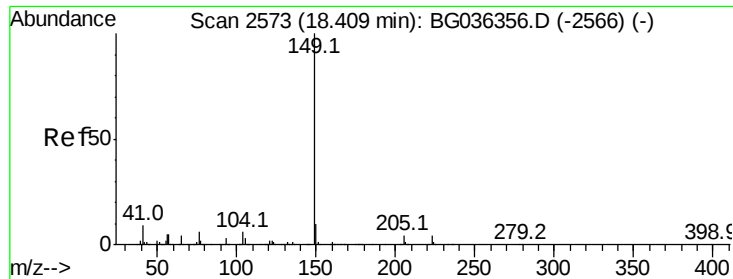
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#72
 Carbazole
 Concen: 35.065 ng
 RT: 17.82 min Scan# 2473
 Delta R.T. -0.01 min
 Lab File: BG036749.D
 Acq: 17 Sep 2018 11:30

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.7	19.5	29.3
139	13.5	10.7	16.1





#73

Di-n-butylphthalate

Concen: 35.962 ng

RT: 18.37 min Scan# 2567

Delta R.T. -0.01 min

Lab File: BG036749.D

Acq: 17 Sep 2018 11:30

Instrument :

BNA_G

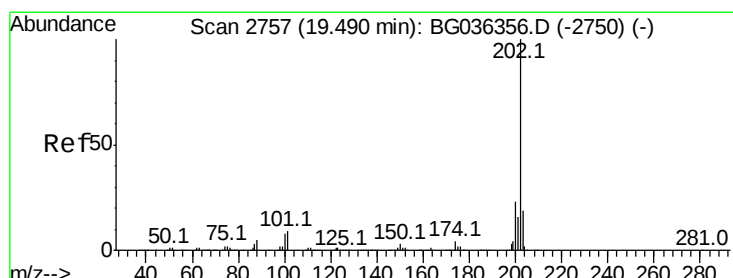
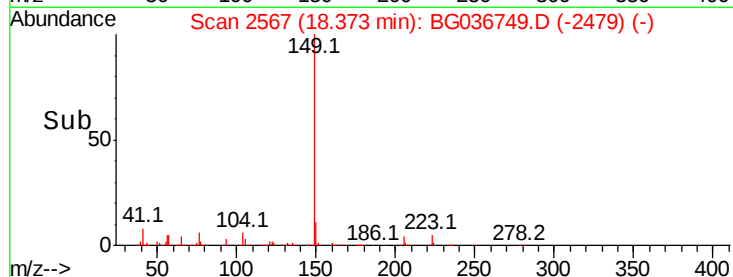
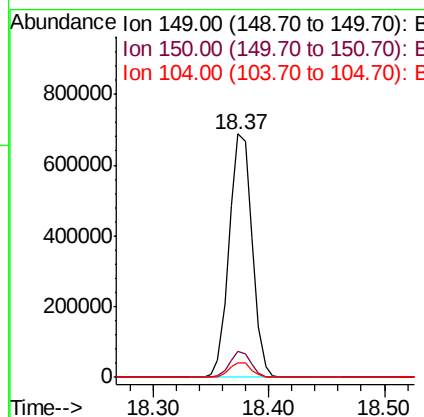
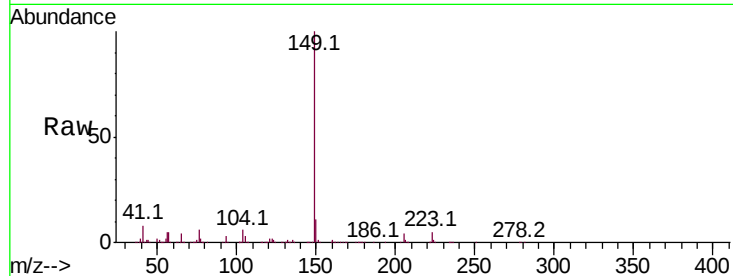
ClientSampleId :

PB112885BS

Tot Ion:	149	Resp:	947446
Ion Ratio	Lower	Upper	
149	100		
150	10.7	8.1	12.1
104	6.1	4.6	6.8

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#74

Fluoranthene

Concen: 38.552 ng

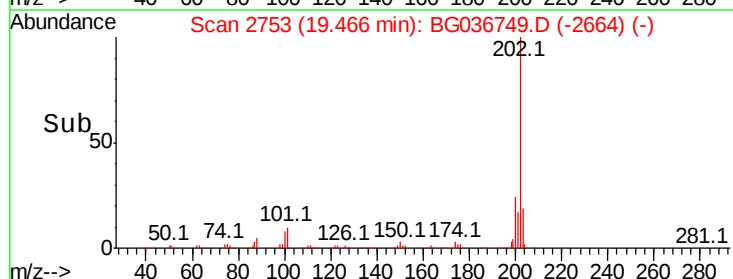
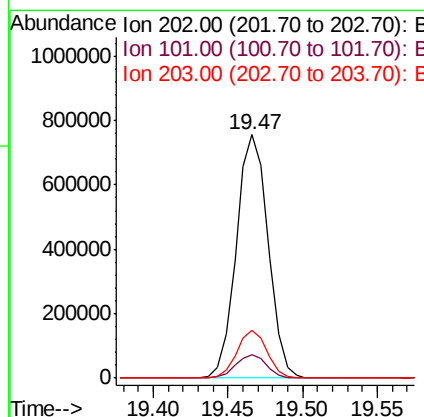
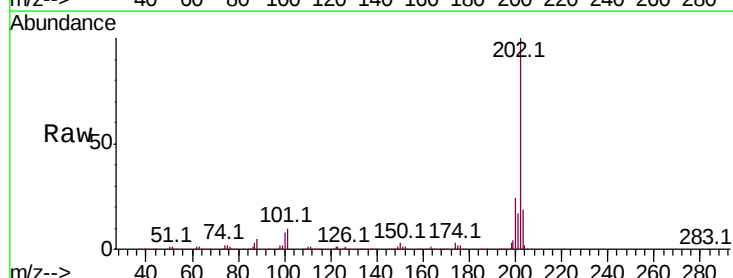
RT: 19.47 min Scan# 2753

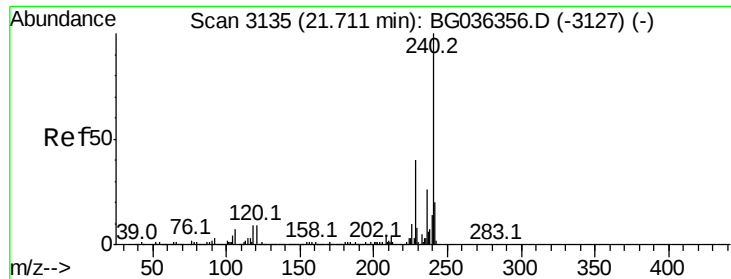
Delta R.T. -0.01 min

Lab File: BG036749.D

Acq: 17 Sep 2018 11:30

Tgt Ion:	202	Resp:	1117030
Ion Ratio	Lower	Upper	
202	100		
101	9.6	0.0	29.4
203	19.4	0.0	38.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG036749.D

Acq: 17 Sep 2018 11:30

Instrument :

BNA_G

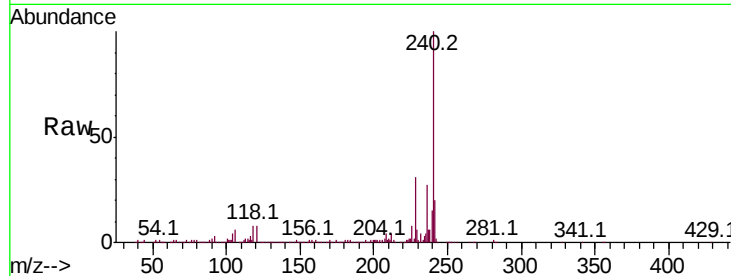
ClientSampleId :

PB112885BS

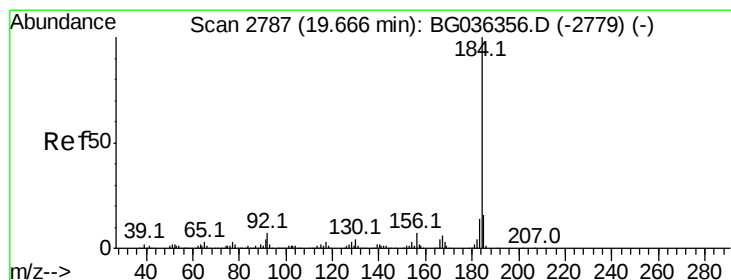
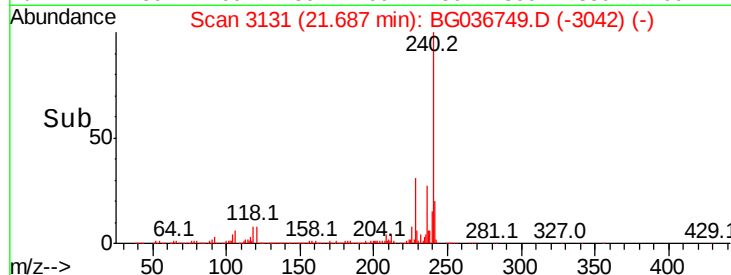
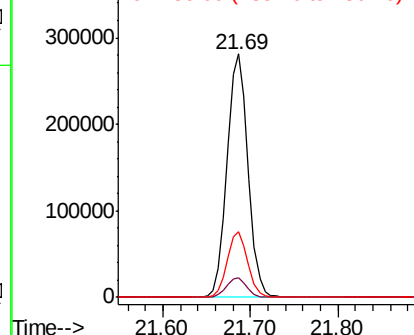
Tot Ion:	240	Resp:	464170
Ion Ratio	Lower	Upper	
240	100		
120	8.2	6.9	10.3
236	27.0	21.2	31.8

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 27.652 ng

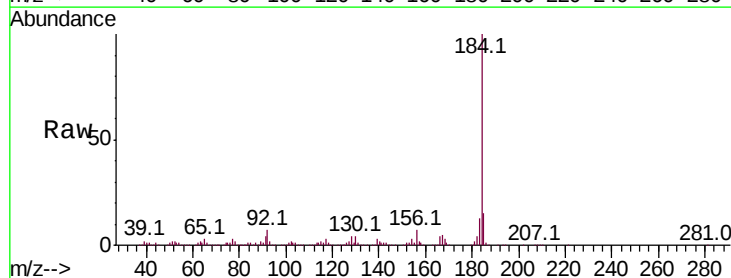
RT: 19.64 min Scan# 2783

Delta R.T. -0.01 min

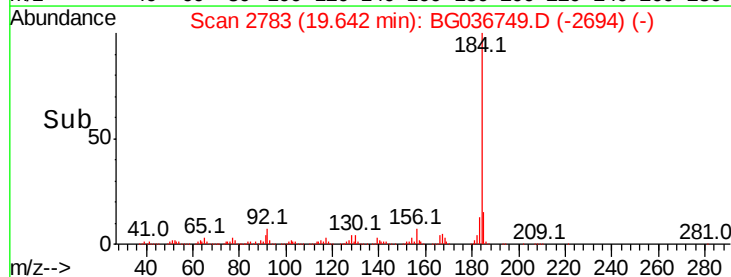
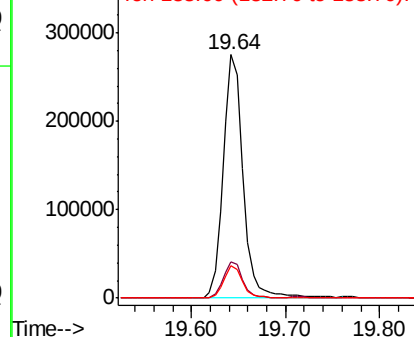
Lab File: BG036749.D

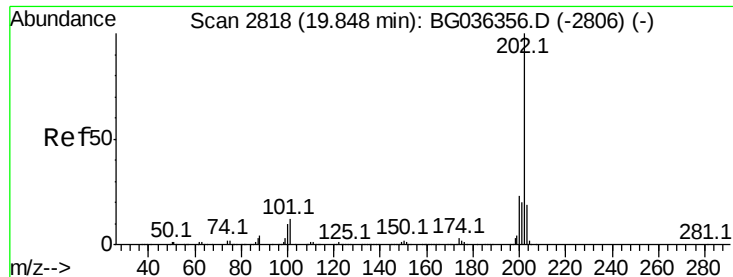
Acq: 17 Sep 2018 11:30

Tgt Ion:	184	Resp:	409500
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.6	18.8
183	13.4	10.9	16.3



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





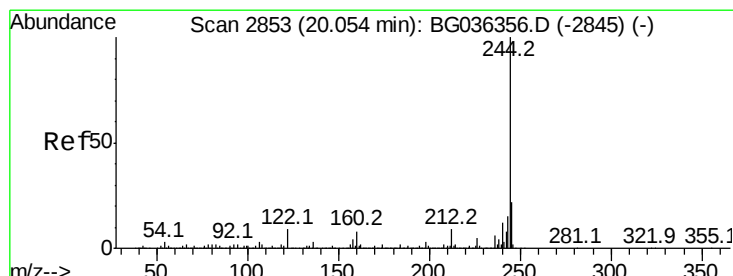
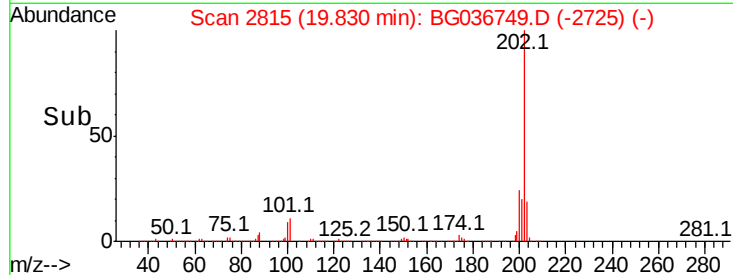
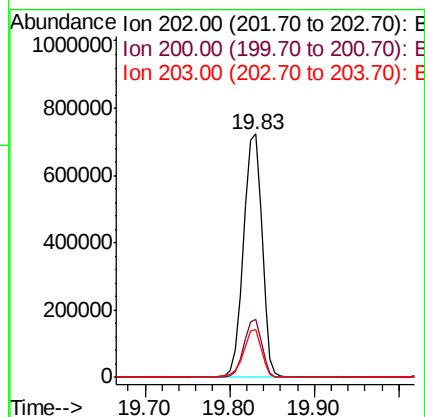
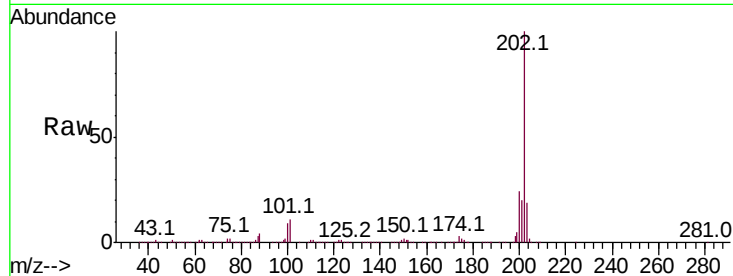
#77
Pvrene
Concen: 38.155 ng
RT: 19.83 min Scan# 2815
Delta R.T. -0.00 min
Lab File: BG036749.D
Acq: 17 Sep 2018 11:30

Instrument :
BNA_G
ClientSampleId :
PB112885BS

Tot Ion:	202	Resp:	1089078
Ion Ratio	Lower	Upper	
202	100		
200	23.6	18.3	27.5
203	19.4	15.1	22.7

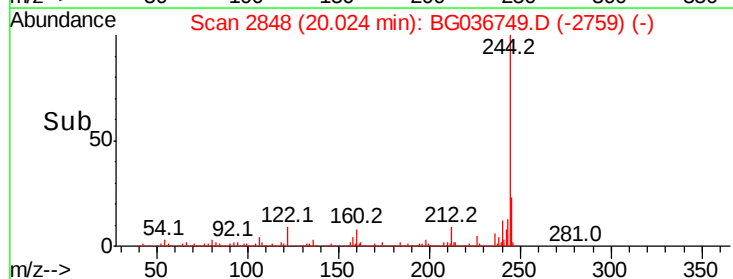
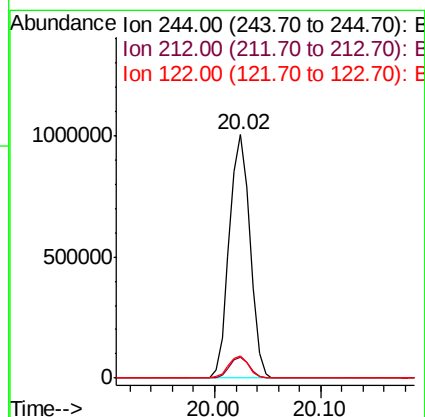
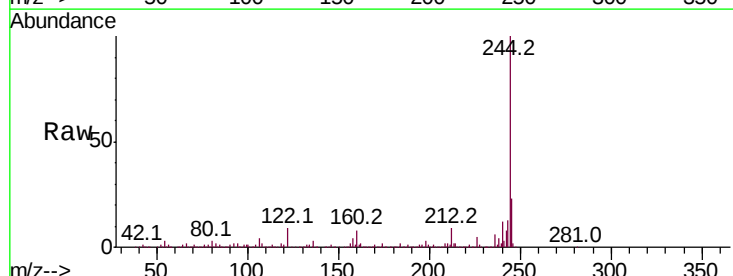
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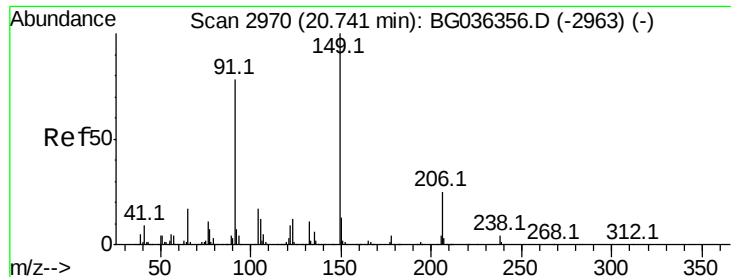
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#78
Terphenyl-d14
Concen: 68.632 ng
RT: 20.02 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BG036749.D
Acq: 17 Sep 2018 11:30

Tgt Ion:	244	Resp:	1362960
Ion Ratio	Lower	Upper	
244	100		
212	8.8	7.0	10.6
122	8.9	7.1	10.7





#79

Butylbenzylphthalate

Concen: 37.846 ng

RT: 20.71 min Scan# 2965

Delta R.T. -0.01 min

Lab File: BG036749.D

Acq: 17 Sep 2018 11:30

Instrument :

BNA_G

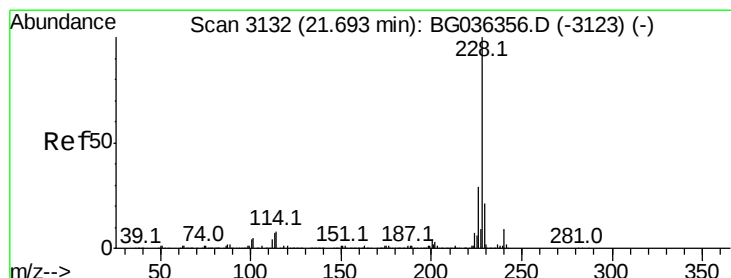
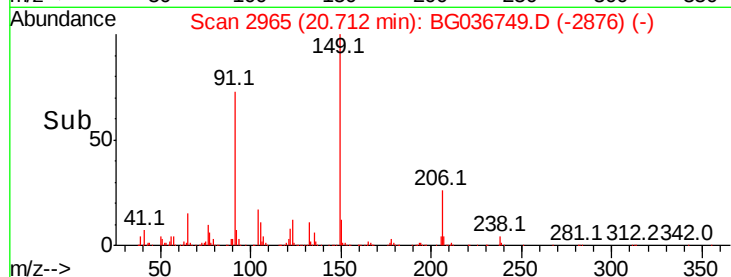
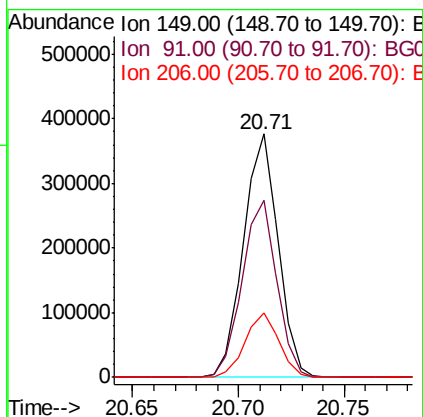
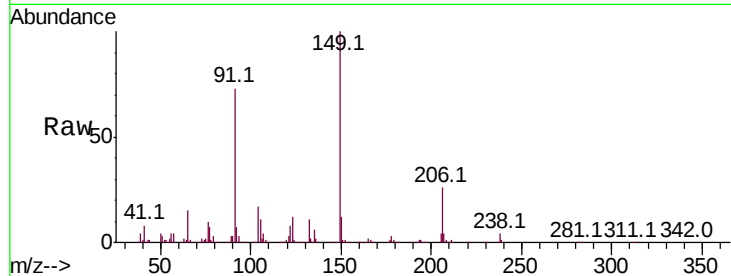
ClientSampleID :

PB112885BS

Tot Ion:	149	Resp:	429909
Ion Ratio	Lower	Upper	
149	100		
91	72.7	62.0	93.0
206	26.4	19.6	29.4

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#80

Benzo(a)anthracene

Concen: 38.680 ng

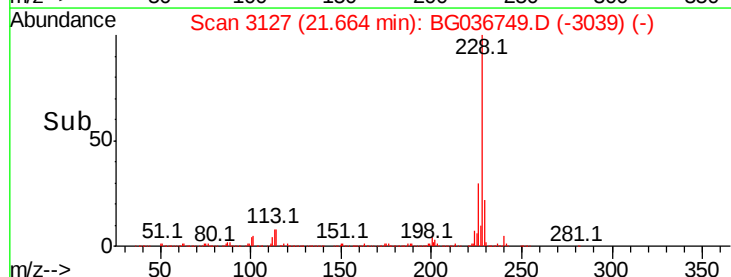
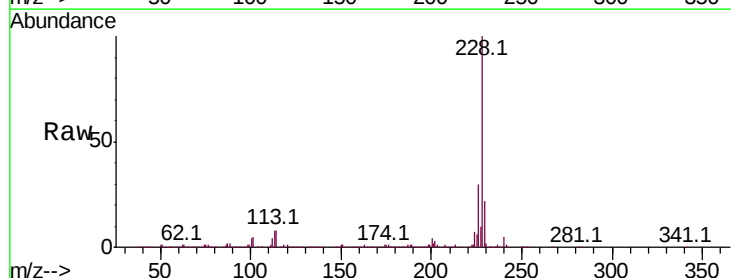
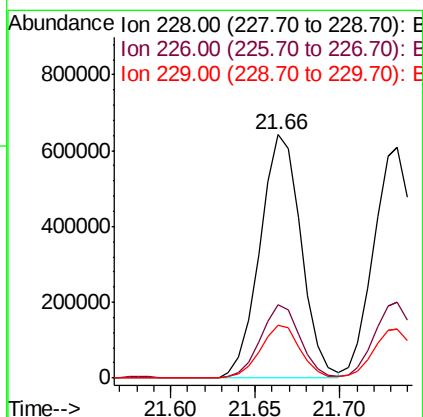
RT: 21.66 min Scan# 3127

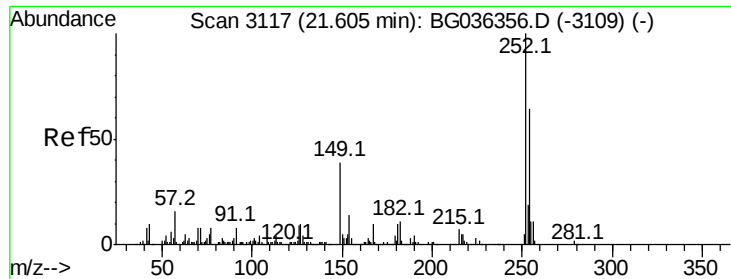
Delta R.T. -0.01 min

Lab File: BG036749.D

Acq: 17 Sep 2018 11:30

Tgt Ion:	228	Resp:	1087695
Ion Ratio	Lower	Upper	
228	100		
226	30.4	23.4	35.2
229	21.8	17.1	25.7





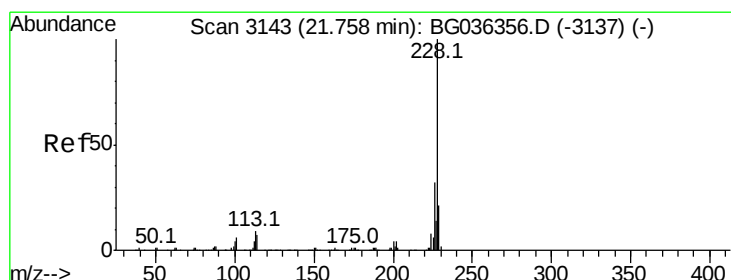
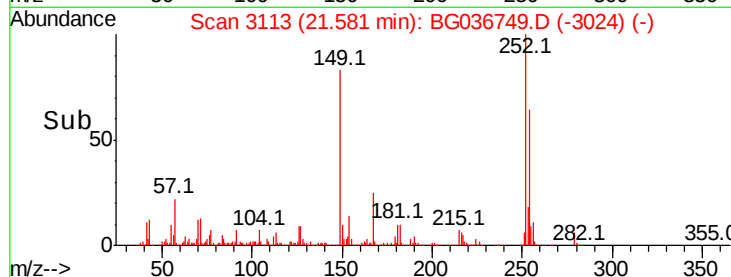
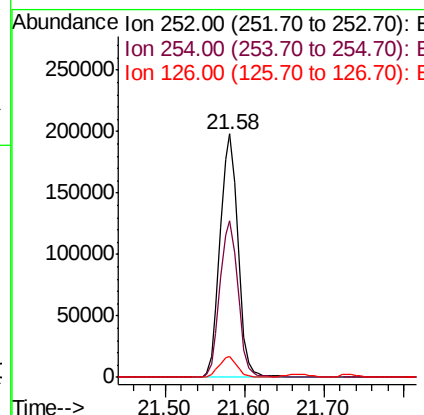
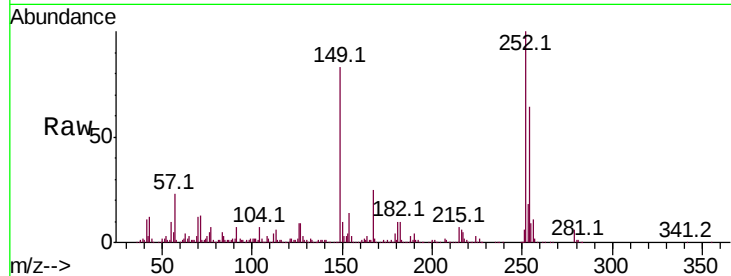
#81
 3,3'-Dichlorobenzidine
 Concen: 27.850 ng
 RT: 21.58 min Scan# 3113
 Delta R.T. -0.01 min
 Lab File: BG036749.D
 Acq: 17 Sep 2018 11:30

Instrument :
 BNA_G
 ClientSampled :
 PB112885BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	312121		
254	64.3	51.0	76.4	
126	8.5	7.4	11.0	

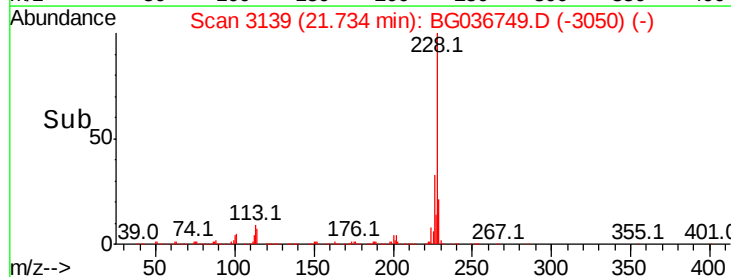
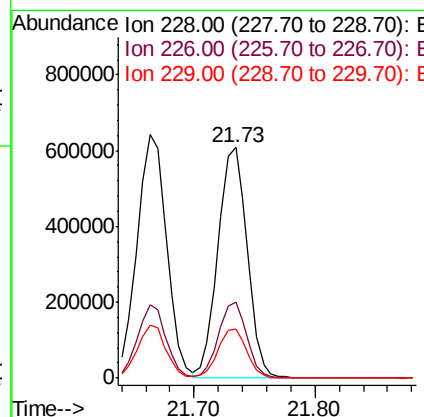
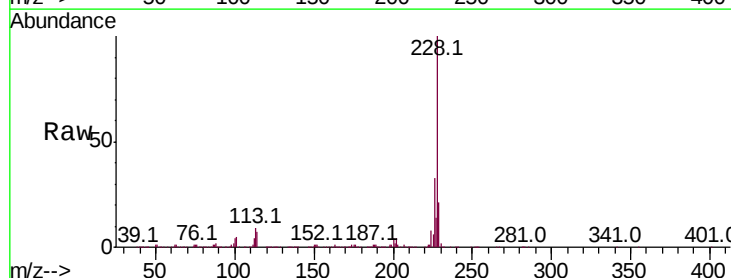
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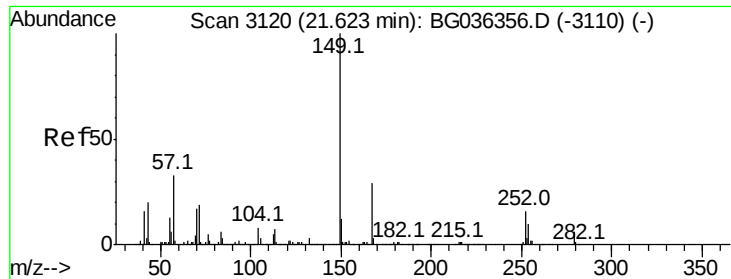
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#82
 Chrysene
 Concen: 38.109 ng
 RT: 21.73 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG036749.D
 Acq: 17 Sep 2018 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1015776		
226	33.0	25.5	38.3	
229	21.3	16.9	25.3	





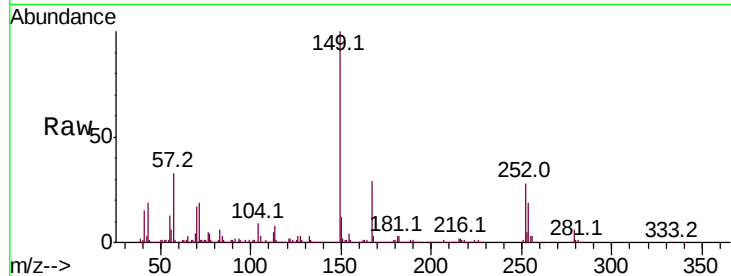
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.917 ng
 RT: 21.57 min Scan# 3111
 Delta R.T. -0.02 min
 Lab File: BG036749.D
 Acq: 17 Sep 2018 11:30

Instrument :
 BNA_G
 ClientSampleId :
 PB112885BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	29.4	23.4	35.0	
279	5.8	4.6	7.0	

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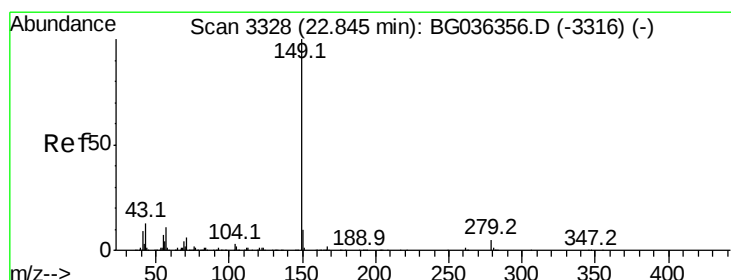
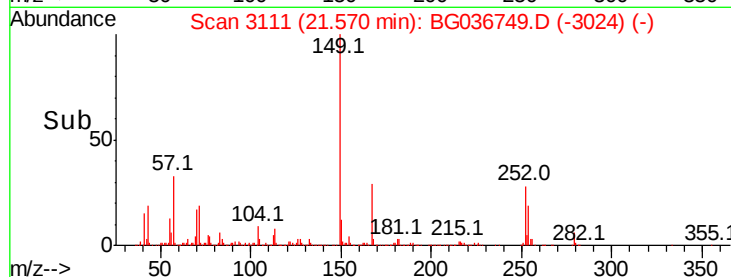
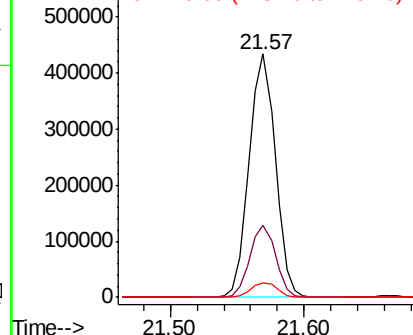


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84
 Di-n-octyl phthalate
 Concen: 37.230 ng
 RT: 22.78 min Scan# 3317
 Delta R.T. -0.02 min
 Lab File: BG036749.D
 Acq: 17 Sep 2018 11:30

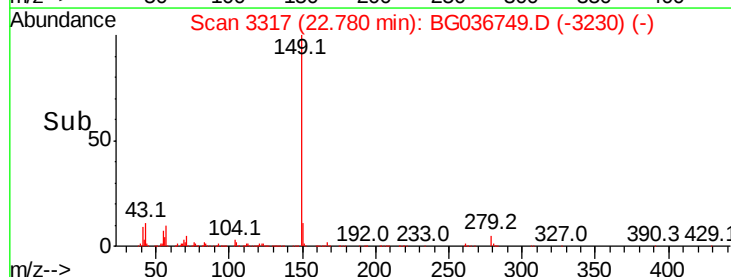
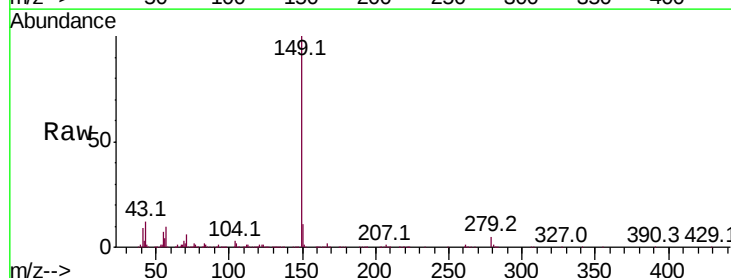
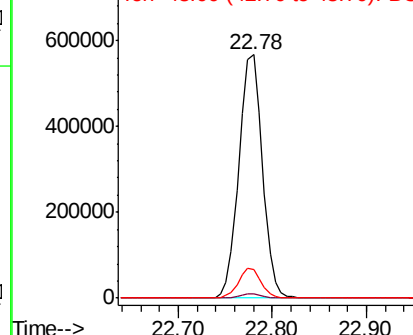
Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.8	1.3	1.9	
43	11.6	10.0	15.0	

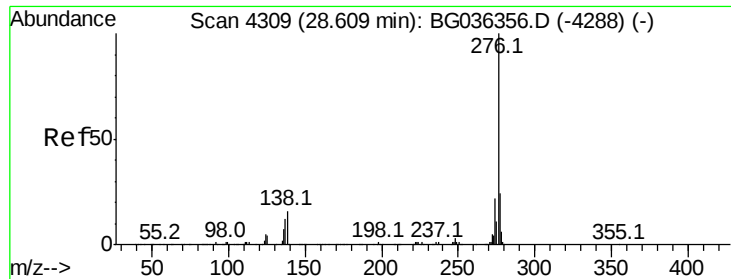
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 39.319 ng

RT: 28.53 min Scan# 4296

Delta R.T. -0.03 min

Lab File: BG036749.D

Acq: 17 Sep 2018 11:30

Instrument :

BNA_G

ClientSampleId :

PB112885BS

Tot Ion:276 Resp: 1217255

Ion Ratio Lower Upper

276 100

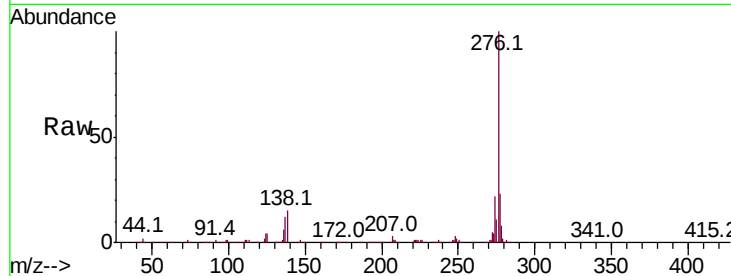
138 13.1 10.6 15.8

277 25.2 20.6 30.8

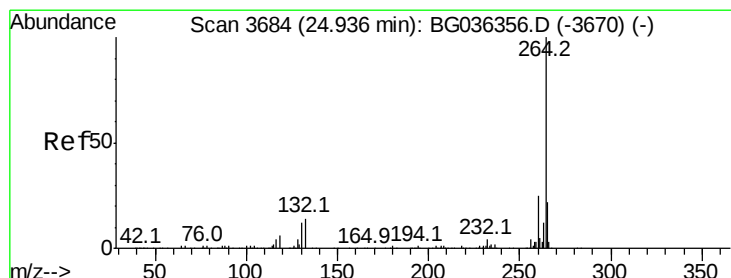
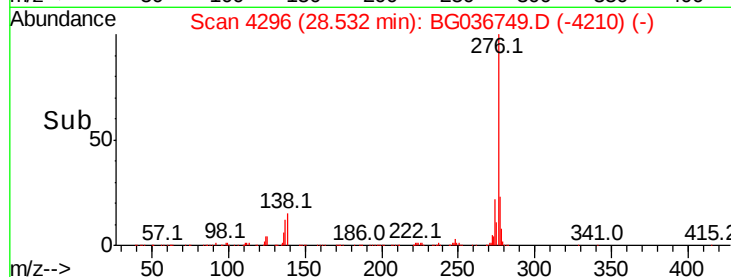
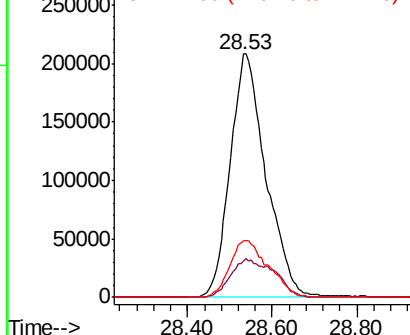
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.89 min Scan# 3676

Delta R.T. -0.01 min

Lab File: BG036749.D

Acq: 17 Sep 2018 11:30

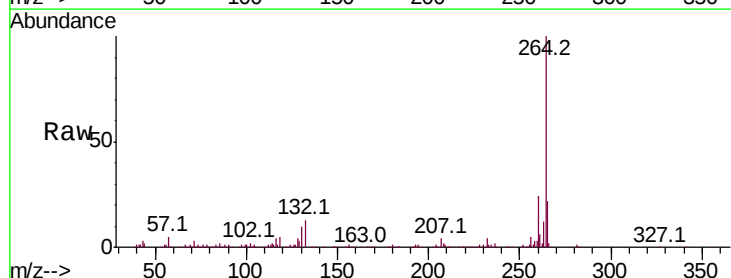
Tgt Ion:264 Resp: 449315

Ion Ratio Lower Upper

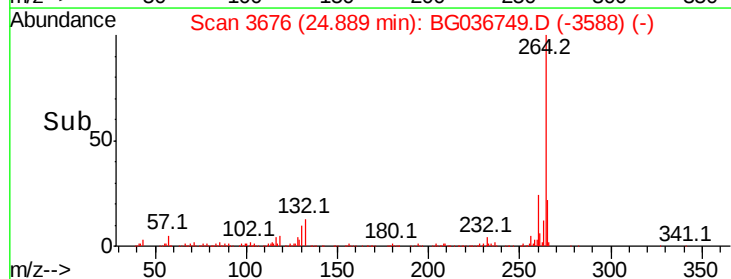
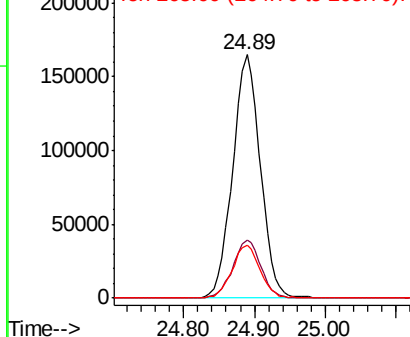
264 100

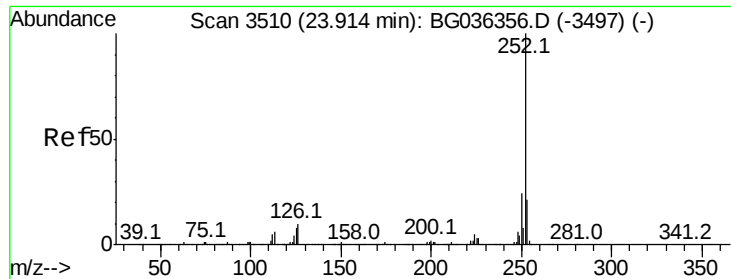
260 23.9 19.6 29.4

265 21.8 17.4 26.0



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





#87

Benzo(b)fluoranthene

Concen: 44.040 ng

RT: 23.87 min Scan# 3503

Delta R.T. -0.01 min

Lab File: BG036749.D

Acq: 17 Sep 2018 11:30

Instrument :

BNA_G

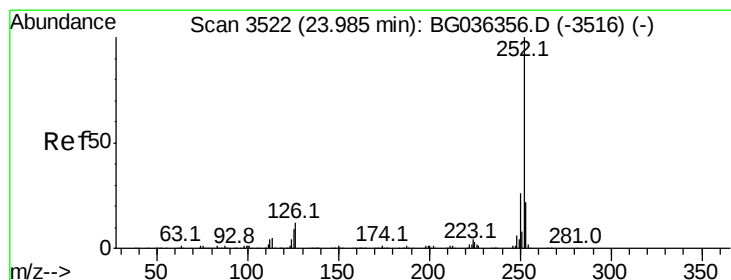
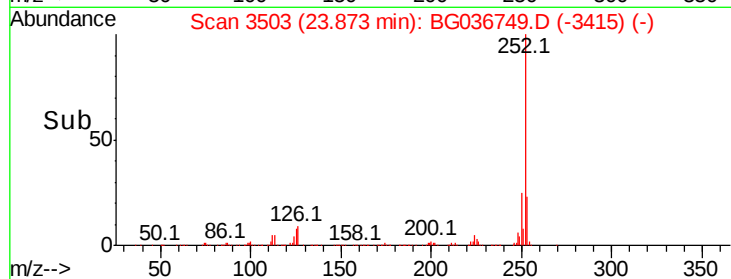
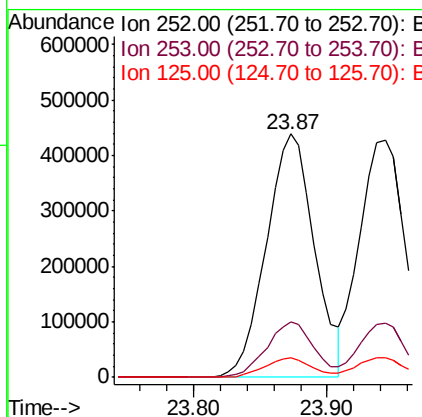
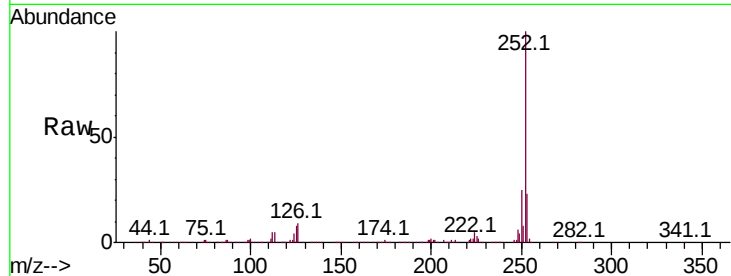
ClientSampleId :

PB112885BS

Tot	Ion:252	Resp:	1098829
Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	7.9	6.6	10.0

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#88

Benzo(k)fluoranthene

Concen: 41.809 ng

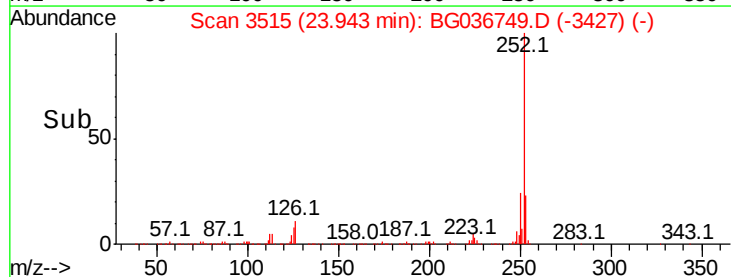
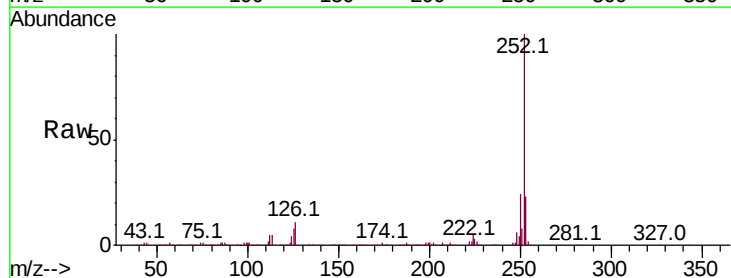
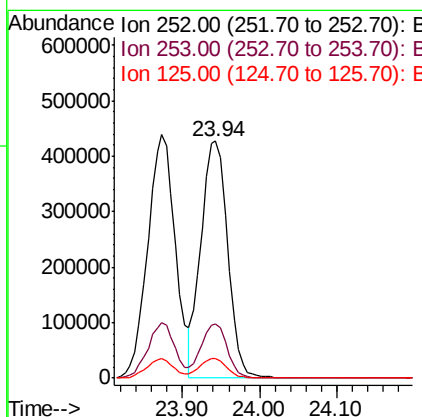
RT: 23.94 min Scan# 3515

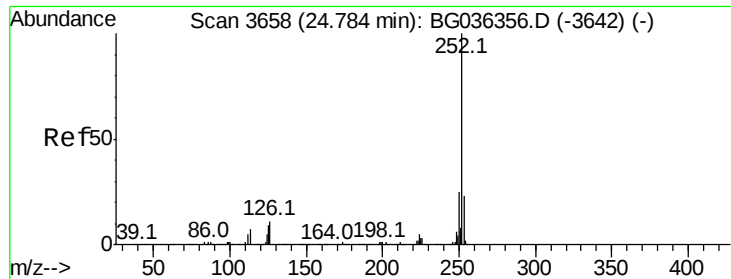
Delta R.T. -0.01 min

Lab File: BG036749.D

Acq: 17 Sep 2018 11:30

Tgt	Ion:252	Resp: 1019114	
Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	8.2	7.0	10.6





#89

Benzo(a)pyrene

Concen: 43.163 ng

RT: 24.74 min Scan# 3651

Delta R.T. -0.01 min

Lab File: BG036749.D

Acq: 17 Sep 2018 11:30

Instrument :

BNA_G

ClientSampleId :

PB112885BS

Tot Ion:252 Resp: 1034868

Ion Ratio Lower Upper

252 100

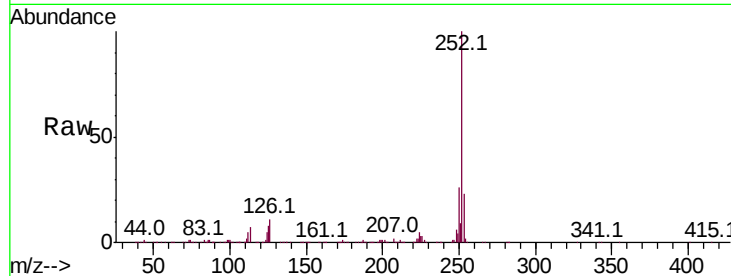
253 22.7 18.2 27.2

125 8.3 7.3 10.9

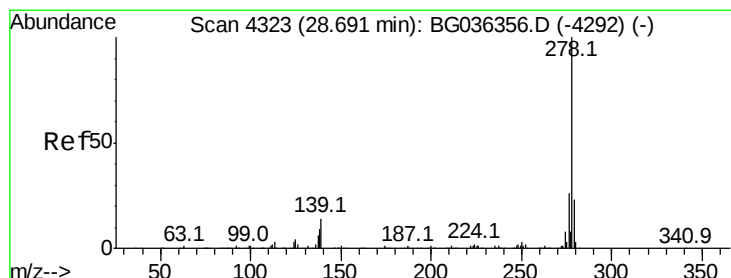
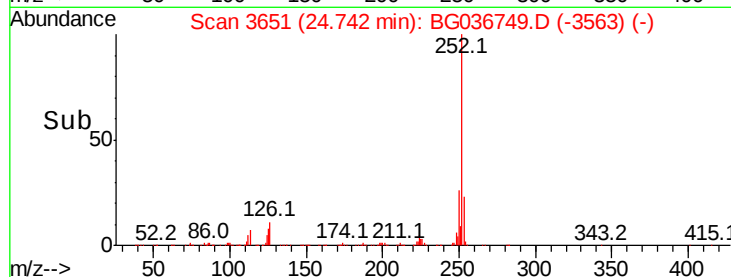
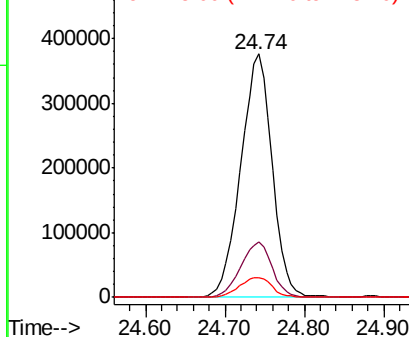
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 42.515 ng

RT: 28.60 min Scan# 4307

Delta R.T. -0.03 min

Lab File: BG036749.D

Acq: 17 Sep 2018 11:30

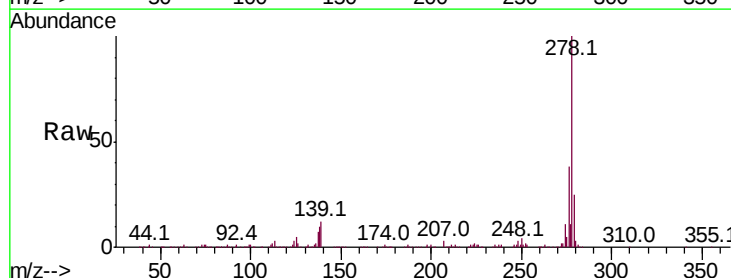
Tgt Ion:278 Resp: 984058

Ion Ratio Lower Upper

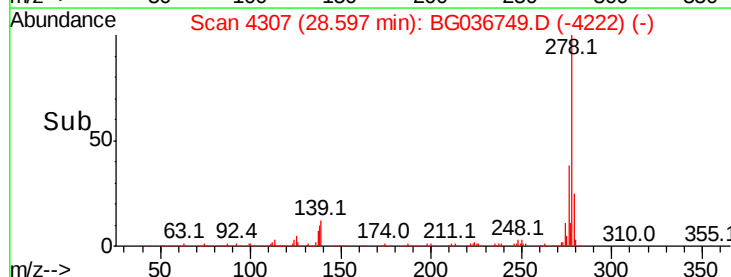
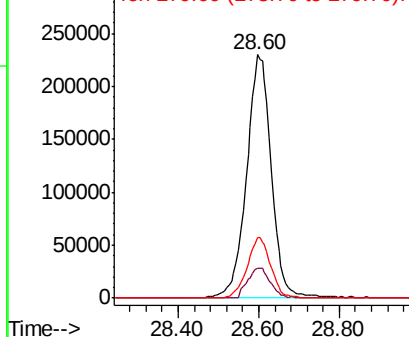
278 100

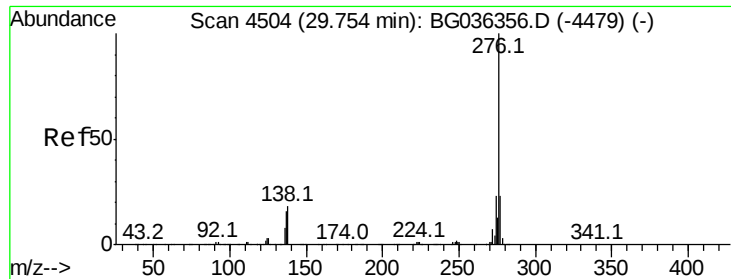
139 12.3 11.0 16.4

279 25.0 18.7 28.1



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





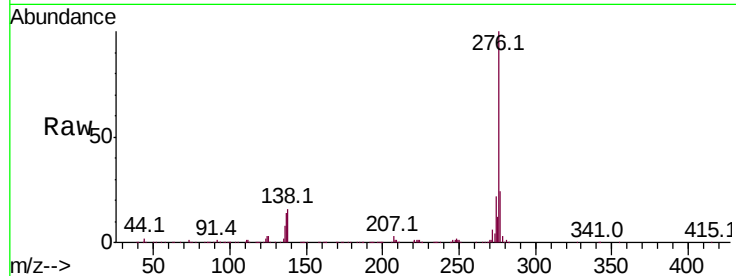
#91
 Benzo(a,h,i)perylene
 Concen: 42.984 ng
 RT: 29.68 min Scan# 4492
 Delta R.T. -0.01 min
 Lab File: BG036749.D
 Acq: 17 Sep 2018 11:30

Instrument :
 BNA_G
 ClientSampleId :
 PB112885BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.4	27.6
138	16.2	14.6	22.0

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

