

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082318\
 Data File : BG036364.D
 Acq On : 23 Aug 2018 5:03
 Operator : JU/SJ
 Sample : PB112219BSD
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB112219BSD

Manual Integrations
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Sohil
 8/23/2018 6:34:46 PM

Quant Time: Aug 23 12:41:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 23 12:07:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	51863	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	226095	20.00	ng	0.00
38) Acenaphthene-d10	14.70	164	148374	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	385921	20.00	ng	0.00
75) Chrysene-d12	21.71	240	395011	20.00	ng	0.00
86) Perylene-d12	24.93	264	398482	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	317966	97.25	ng	0.00
7) Phenol-d6	7.22	99	445188	95.10	ng	0.00
23) Nitrobenzene-d5	9.23	82	328506	78.83	ng	0.00
41) 2,4,6-Tribromophenol	16.19	330	169727	95.87	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	787234	75.76	ng	0.00
78) Terphenyl-d14	20.05	244	1363311	80.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	51434	33.709	ng	97
3) Pyridine	3.93	79	150740	35.196	ng	98
4) n-Nitrosodimethylamine	3.85	42	79556	41.705	ng	93
6) Aniline	7.40	93	208083	35.021	ng	97
8) 2-Chlorophenol	7.64	128	156372	44.104	ng	97
9) Benzaldehyde	7.21	77	76399	23.701	ng	99
10) Phenol	7.25	94	220538	45.020	ng	100
11) bis(2-Chloroethyl)ether	7.49	93	150870	38.848	ng	98
12) 1,3-Dichlorobenzene	7.96	146	155306	38.362	ng	99
13) 1,4-Dichlorobenzene	8.11	146	156577	38.307	ng	99
14) 1,2-Dichlorobenzene	8.43	146	149759	38.365	ng	95
15) Benzyl Alcohol	8.31	79	161861	42.893	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.61	45	298988	38.175	ng	98
17) 2-Methylphenol	8.51	107	146301	44.978	ng	97
18) Hexachloroethane	9.16	117	56421	38.500	ng	96
19) n-Nitroso-di-n-propylamine	8.88	70	132618	37.908	ng	98
20) 3+4-Methylphenols	8.83	107	199948	44.029	ng	99
22) Acetophenone	8.89	105	240226	40.462	ng	98
24) Nitrobenzene	9.28	77	187874	41.810	ng	97
25) Isophorone	9.80	82	372430	44.989	ng	97
26) 2-Nitrophenol	9.99	139	72959	40.973	ng	96
27) 2,4-Dimethylphenol	10.05	122	162576	49.315	ng	99
28) bis(2-Chloroethoxy)methane	10.29	93	210634	41.459	ng	98
29) 2,4-Dichlorophenol	10.52	162	161959	44.827	ng	96
30) 1,2,4-Trichlorobenzene	10.74	180	162141	38.362	ng	100
31) Naphthalene	10.93	128	477774	42.272	ng	99
32) Benzoic acid	10.17	122	102517	42.510	ng	96
33) 4-Chloroaniline	11.03	127	148472	28.667	ng	96
34) Hexachlorobutadiene	11.22	225	107230	37.760	ng	99
35) Caprolactam	11.80	113	64021m	44.482	ng	
36) 4-Chloro-3-methylphenol	12.14	107	187514	44.666	ng	97
37) 2-Methylnaphthalene	12.53	142	371039	44.866	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	203937	38.839	ng	98
40) Hexachlorocyclopentadiene	12.88	237	243953	89.295	ng	98

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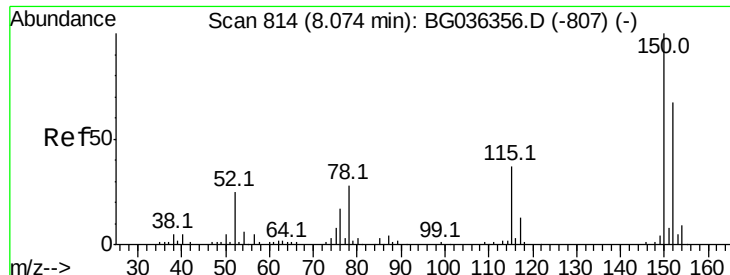
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.13	196	136975	42.825	ng	94
43) 2,4,5-Trichlorophenol	13.20	196	149978	43.962	ng	99
45) 1,1'-Biphenyl	13.54	154	478315	38.836	ng	98
46) 2-Chloronaphthalene	13.58	162	360302	38.320	ng	99
47) 2-Nitroaniline	13.77	65	129810	43.966	ng	97
48) Acenaphthylene	14.42	152	628665	42.782	ng	99
49) Dimethylphthalate	14.15	163	505767	41.745	ng	99
50) 2,6-Dinitrotoluene	14.26	165	106626	42.769	ng	99
51) Acenaphthene	14.76	154	421150	44.751	ng	99
52) 3-Nitroaniline	14.59	138	90955	33.855	ng	99
53) 2,4-Dinitrophenol	14.80	184	99089	104.932	ng	96
54) Dibenzofuran	15.10	168	588599	39.922	ng	99
55) 4-Nitrophenol	14.89	139	195821	89.146	ng	99
56) 2,4-Dinitrotoluene	15.05	165	150605	46.352	ng	95
57) Fluorene	15.74	166	477785	43.349	ng	95
58) 2,3,4,6-Tetrachlorophenol	15.32	232	149936	46.777	ng	99
59) Diethylphthalate	15.52	149	515430	42.214	ng	100
60) 4-Chlorophenyl-phenylether	15.74	204	265758	39.048	ng	99
61) 4-Nitroaniline	15.76	138	123462	43.916	ng	97
62) Azobenzene	16.03	77	509062	40.977	ng	99
64) 4,6-Dinitro-2-methylphenol	15.81	198	67790	39.988	ng	97
65) n-Nitrosodiphenylamine	15.95	169	442086	38.553	ng	99
66) 4-Bromophenyl-phenylether	16.63	248	175052	38.742	ng	98
67) Hexachlorobenzene	16.74	284	174329	37.732	ng	98
68) Atrazine	16.90	200	187096	43.469	ng	98
69) Pentachlorophenol	17.08	266	231536	73.737	ng	98
70) Phenanthrene	17.48	178	833057	42.482	ng	99
71) Anthracene	17.57	178	839704	42.957	ng	99
72) Carbazole	17.84	167	770417	39.464	ng	99
73) Di-n-butylphthalate	18.41	149	900161	41.408	ng	99
74) Fluoranthene	19.49	202	1046754	43.782	ng	99
76) Benzidine	19.66	184	420322	33.352	ng	99
77) Pyrene	19.85	202	1017963	41.907	ng	99
79) Butylbenzylphthalate	20.74	149	414424	42.870	ng	96
80) Benzo(a)anthracene	21.69	228	1025847	42.868	ng	100
81) 3,3'-Dichlorobenzidine	21.61	252	277856	29.134	ng	97
82) Chrysene	21.76	228	945962	41.704	ng	99
83) Bis(2-ethylhexyl)phthalate	21.62	149	575414	42.536	ng	99
84) Di-n-octyl phthalate	22.85	149	986752	43.671	ng	99
85) Indeno(1,2,3-cd)pyrene	28.61	276	1171885	44.481	ng	100
87) Benzo(b)fluoranthene	23.91	252	1018961	46.049	ng	98
88) Benzo(k)fluoranthene	23.99	252	980851	45.372	ng	99
89) Benzo(a)pyrene	24.79	252	977889	45.990	ng	99
90) Dibenzo(a,h)anthracene	28.68	278	942561	45.917	ng	97
91) Benzo(g,h,i)perylene	29.75	276	967196	46.887	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.07 min Scan# 814

Delta R.T. -0.00 min

Lab File: BG036364.D

Acq: 23 Aug 2018 5:03

Instrument :

BNA_G

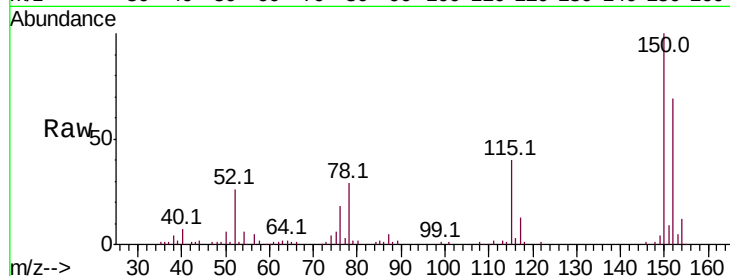
ClientSampleId :

PB112219BSD

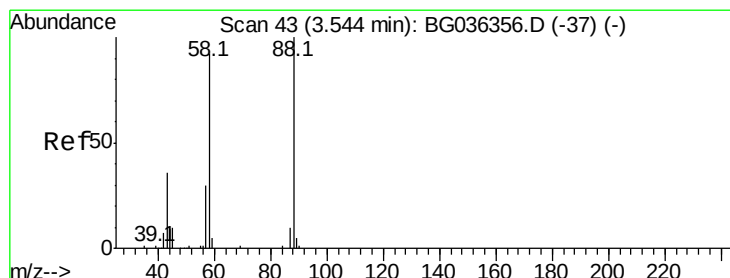
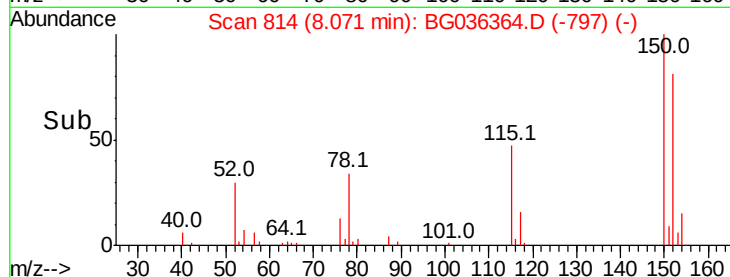
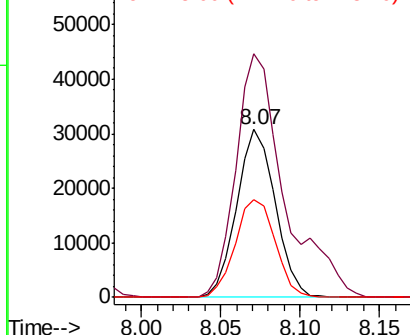
Tot Ion:	152	Resp:	51863
Ion Ratio	Lower	Upper	
152	100		
150	144.9	119.5	179.3
115	57.8	44.5	66.7

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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: 33.709 ng

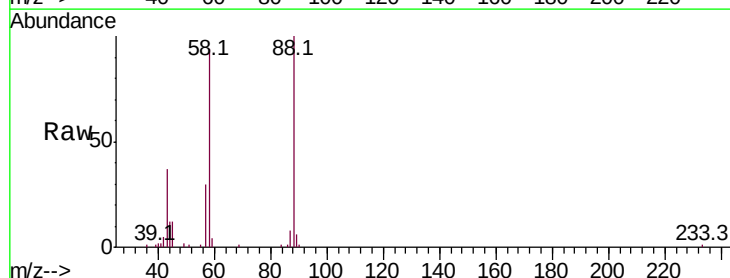
RT: 3.54 min Scan# 43

Delta R.T. -0.00 min

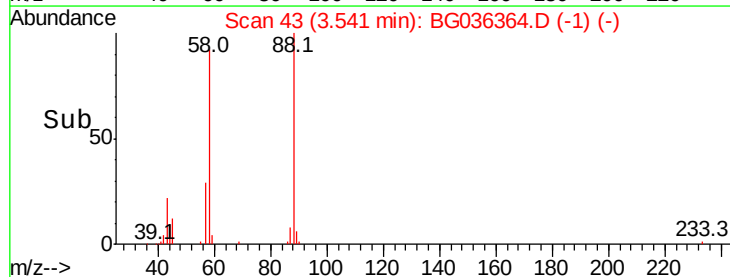
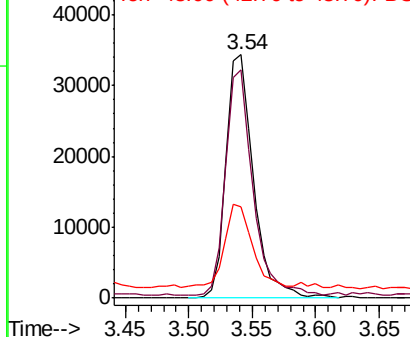
Lab File: BG036364.D

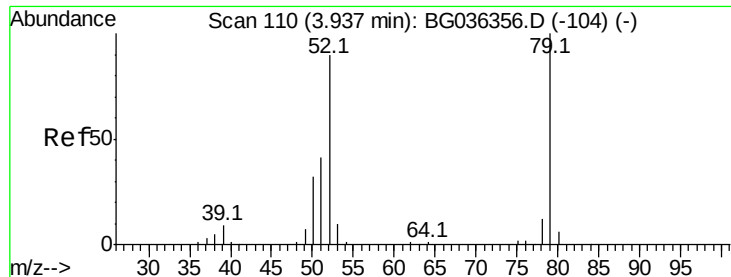
Acq: 23 Aug 2018 5:03

Tgt Ion:	88	Resp:	51434
Ion Ratio	Lower	Upper	
88	100		
58	92.5	72.6	109.0
43	32.9	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: 35.196 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG036364.D

Acq: 23 Aug 2018 5:03

Instrument :

BNA_G

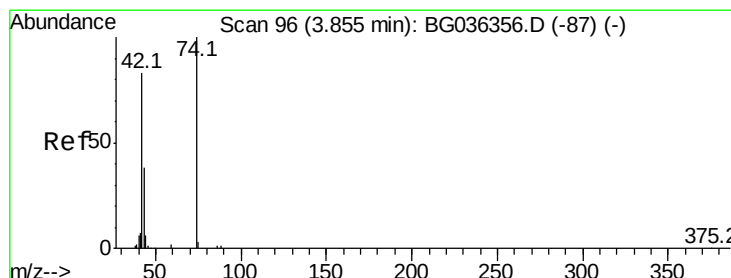
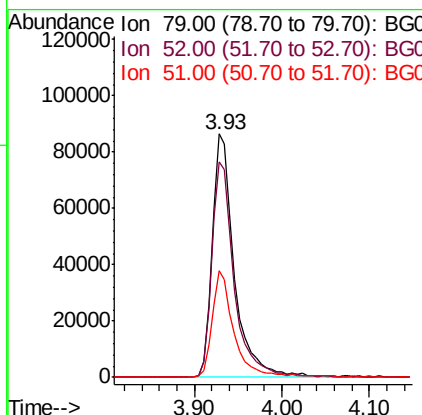
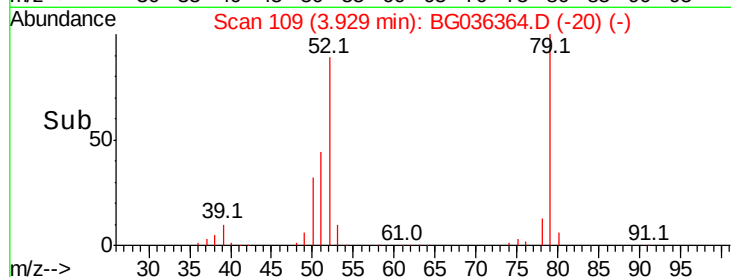
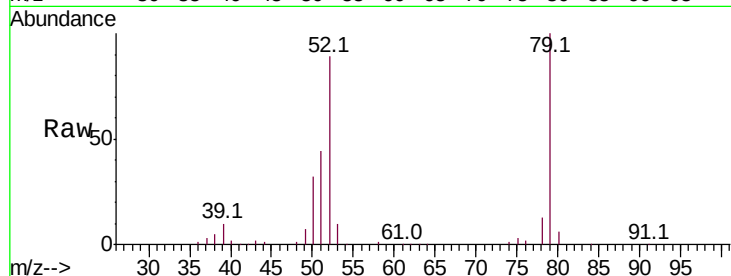
ClientSampled :

PB112219BSD

Tot Ion:	79	Resp:	150740
Ion	Ratio	Lower	Upper
79	100		
52	88.5	72.3	108.5
51	44.0	33.8	50.6

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#4

n-Nitrosodimethylamine

Concen: 41.705 ng

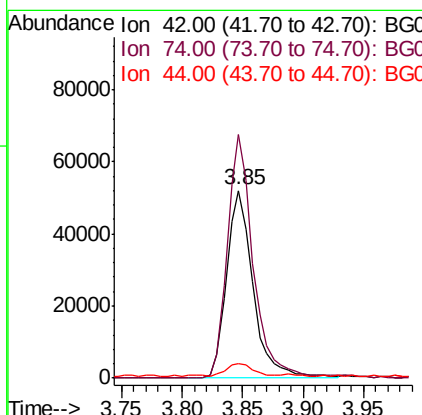
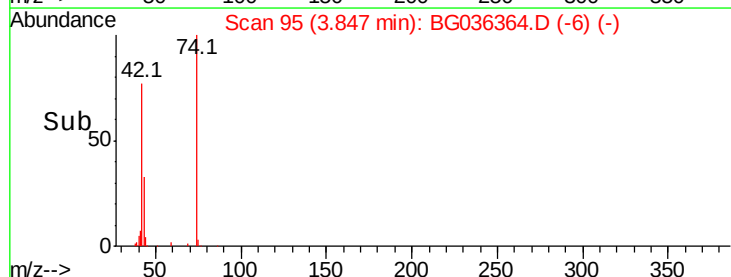
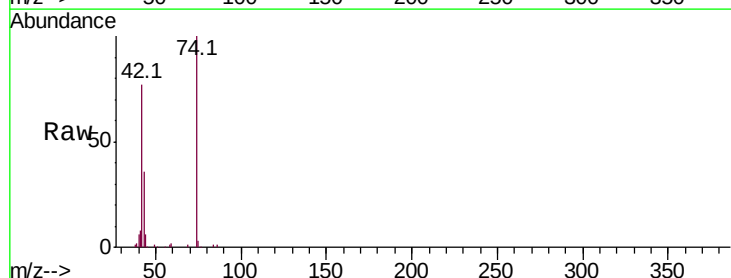
RT: 3.85 min Scan# 95

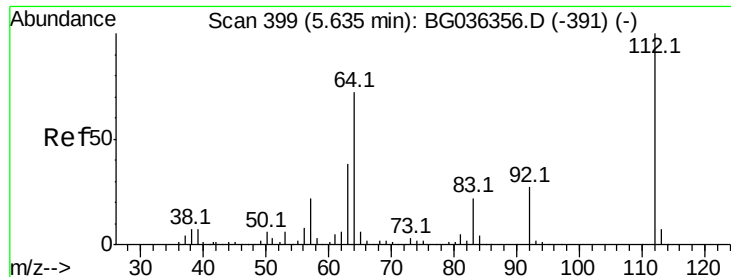
Delta R.T. -0.01 min

Lab File: BG036364.D

Acq: 23 Aug 2018 5:03

Tgt Ion:	42	Resp:	79556
Ion	Ratio	Lower	Upper
42	100		
74	129.5	96.6	145.0
44	7.8	7.0	10.4





#5

2-Fluorophenol

Concen: 97.254 ng

RT: 5.64 min Scan# 400

Delta R.T. 0.00 min

Lab File: BG036364.D

Acq: 23 Aug 2018 5:03

Instrument :

BNA_G

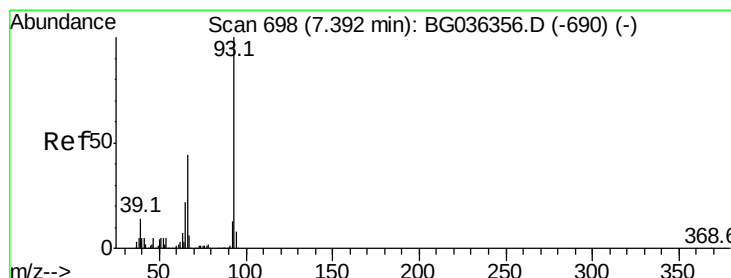
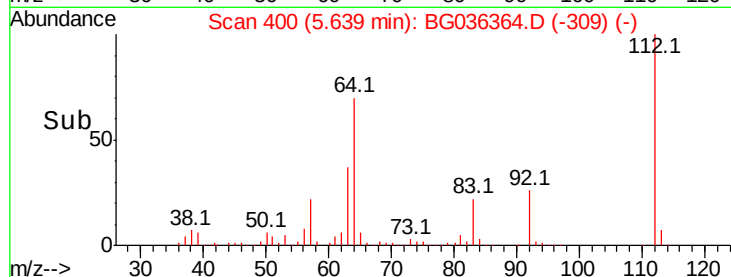
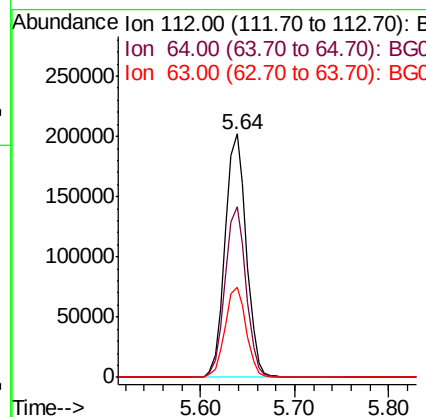
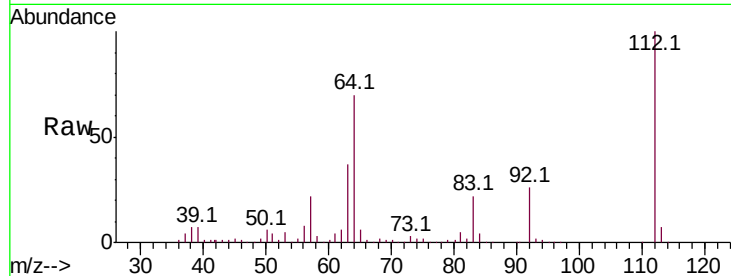
ClientSampleId :

PB112219BSD

Tot Ion:	112	Resp:	317966
Ion Ratio	Lower	Upper	
112	100		
64	70.4	57.2	85.8
63	36.9	30.8	46.2

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#6

Aniline

Concen: 35.021 ng

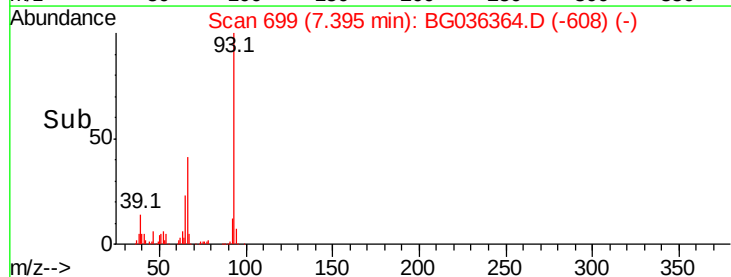
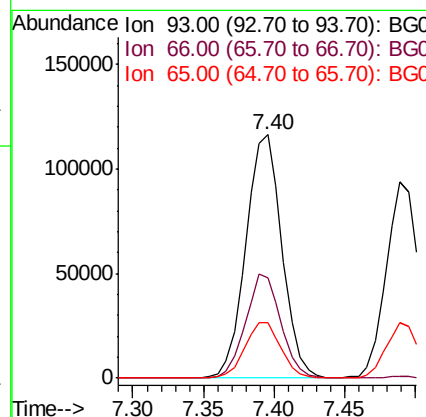
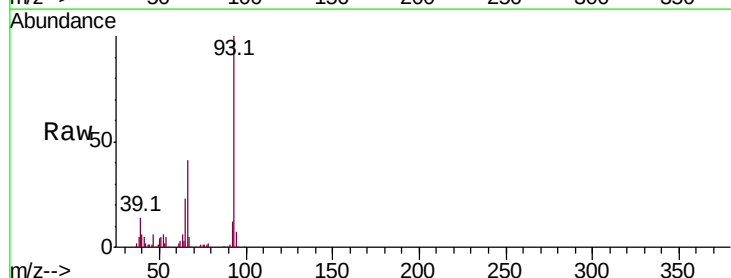
RT: 7.40 min Scan# 699

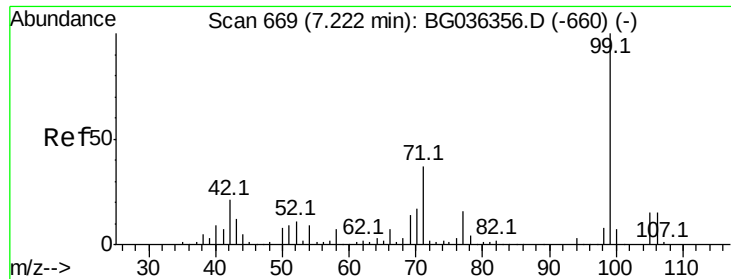
Delta R.T. 0.00 min

Lab File: BG036364.D

Acq: 23 Aug 2018 5:03

Tgt Ion:	93	Resp:	208083
Ion Ratio	Lower	Upper	
93	100		
66	41.2	35.0	52.4
65	22.6	17.6	26.4





#7

Phenol-d6

Concen: 95.105 ng

RT: 7.22 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG036364.D

Acq: 23 Aug 2018 5:03

Instrument :

BNA_G

ClientSampleId :

PB112219BSD

Tot Ion: 99 Resp: 445188

Ion Ratio Lower Upper

99 100

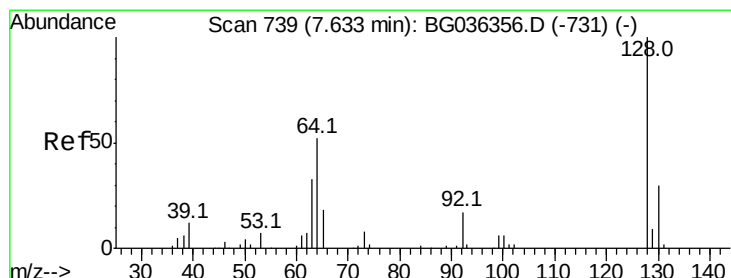
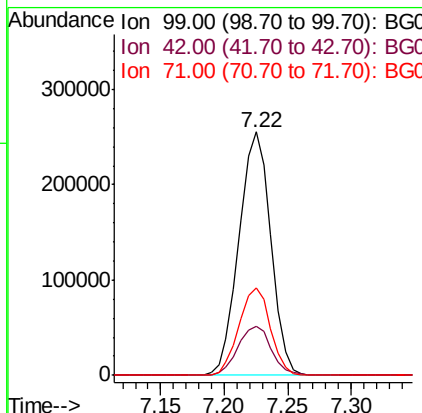
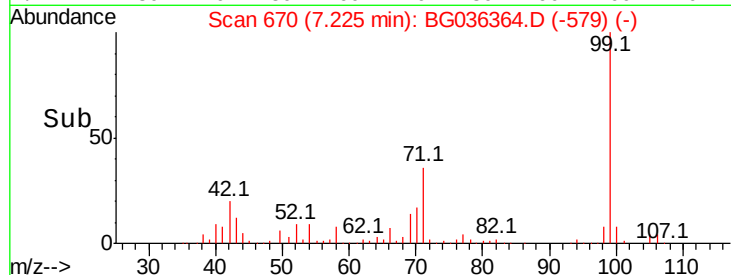
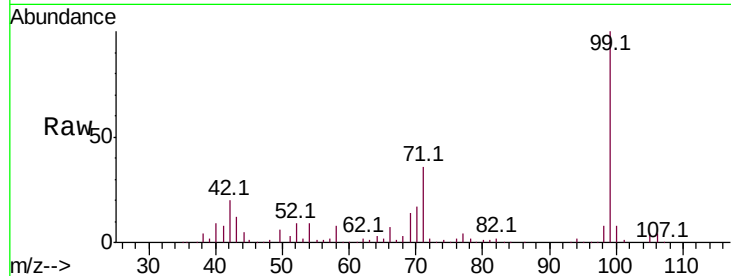
42 20.2 16.5 24.7

71 36.1 29.4 44.2

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#8

2-Chlorophenol

Concen: 44.104 ng

RT: 7.64 min Scan# 740

Delta R.T. 0.00 min

Lab File: BG036364.D

Acq: 23 Aug 2018 5:03

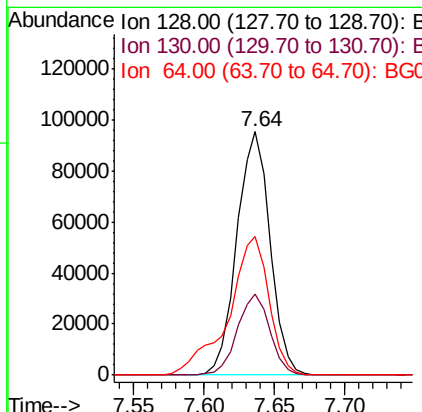
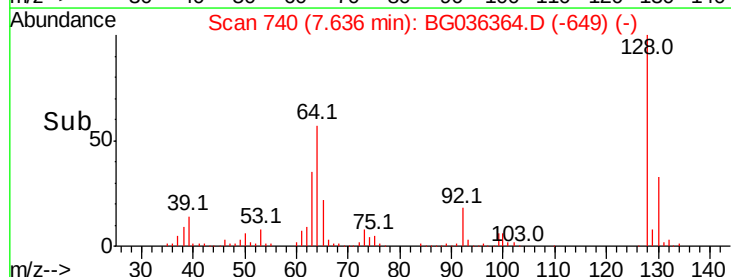
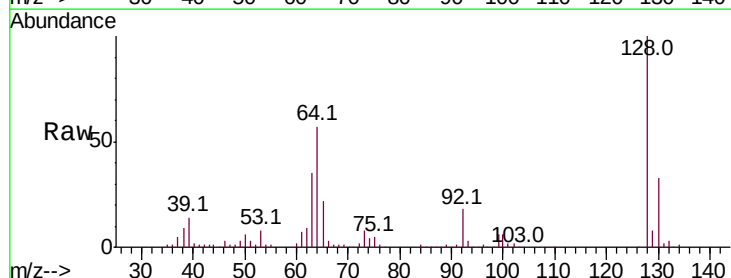
Tgt Ion: 128 Resp: 156372

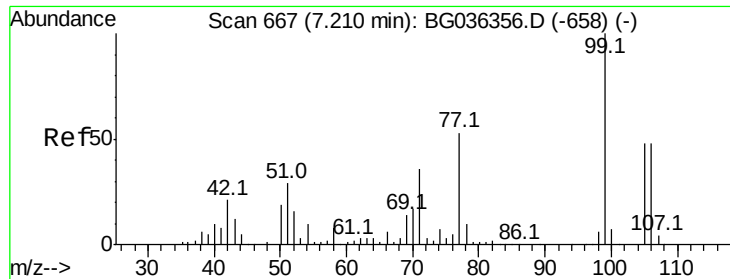
Ion Ratio Lower Upper

128 100

130 33.4 10.0 50.0

64 57.2 36.0 76.0





#9

Benzaldehyde

Concen: 23.701 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.00 min

Lab File: BG036364.D

Acq: 23 Aug 2018 5:03

Instrument :

BNA_G

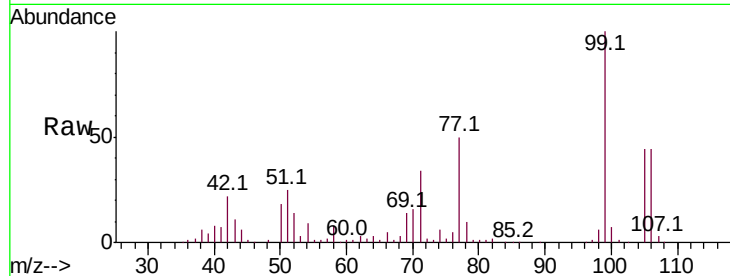
ClientSampleId :

PB112219BSD

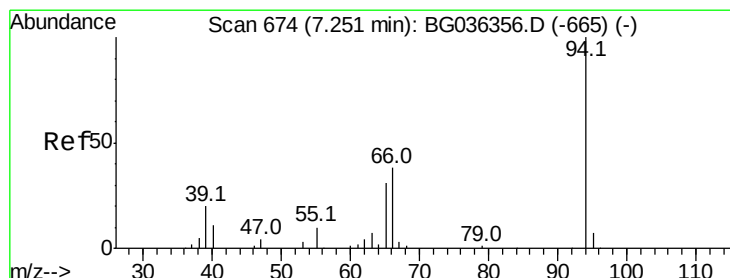
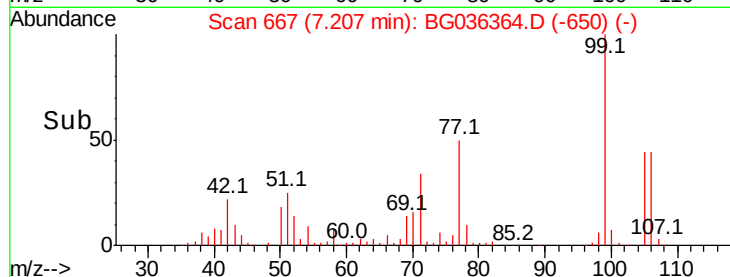
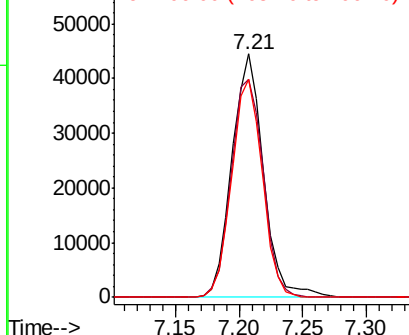
Tot Ion:	77	Resp:	76399
Ion	Ratio	Lower	Upper
77	100		
105	89.4	70.5	110.5
106	89.4	69.8	109.8

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



#10

Phenol

Concen: 45.020 ng

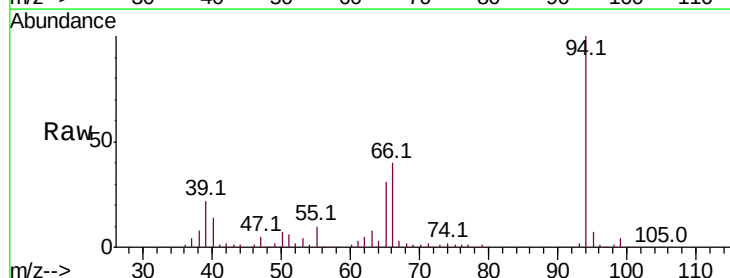
RT: 7.25 min Scan# 675

Delta R.T. 0.00 min

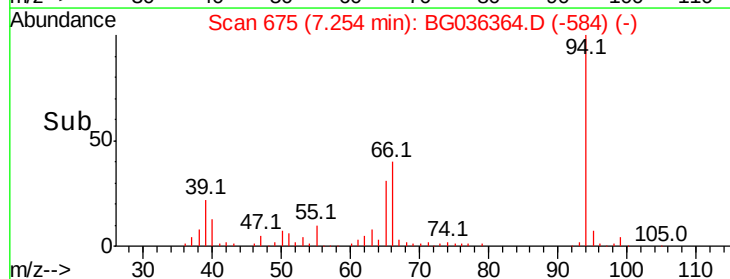
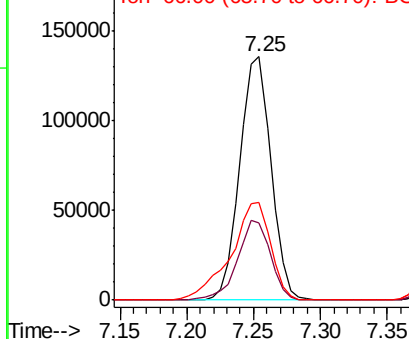
Lab File: BG036364.D

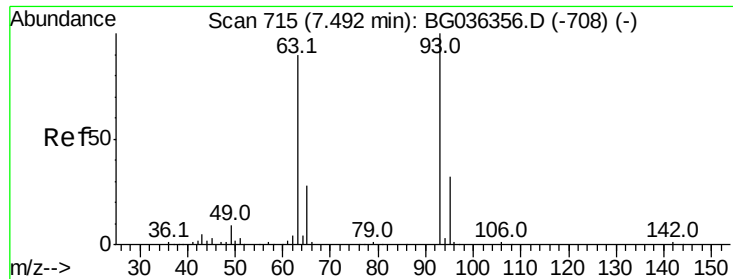
Acq: 23 Aug 2018 5:03

Tgt Ion:	94	Resp:	220538
Ion	Ratio	Lower	Upper
94	100		
65	31.5	11.5	51.5
66	39.9	19.5	59.5



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





#11

bis(2-Chloroethyl)ether

Concen: 38.848 ng

RT: 7.49 min Scan# 715

Delta R.T. -0.00 min

Lab File: BG036364.D

Acq: 23 Aug 2018 5:03

Instrument :

BNA_G

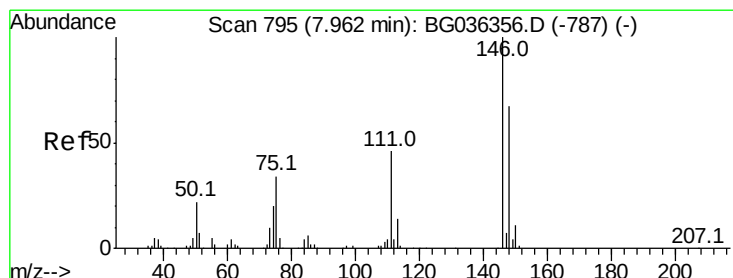
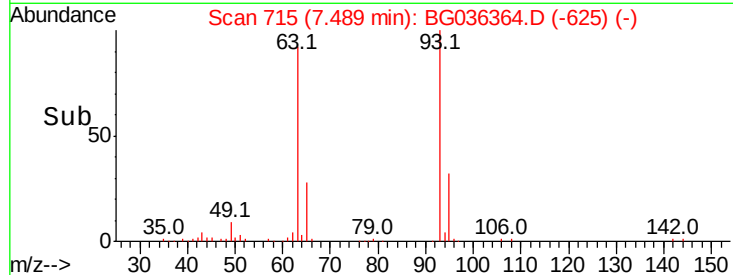
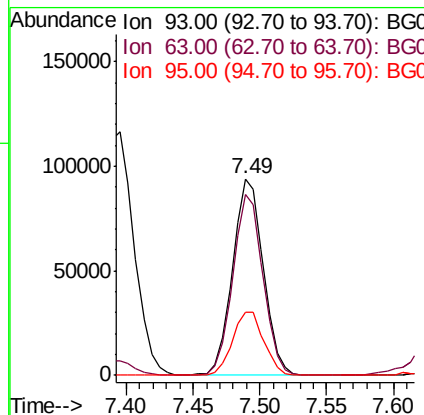
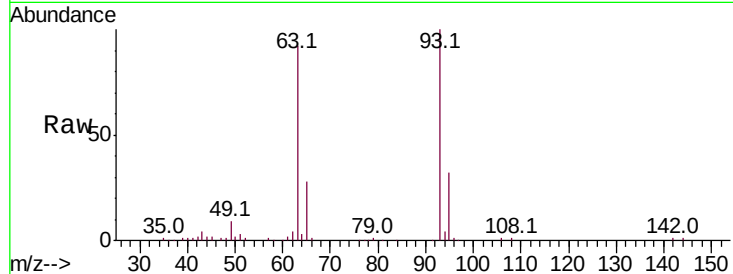
ClientSampleId :

PB112219BSD

Tot Ion:	93	Resp:	150870
Ion Ratio	Lower	Upper	
93	100		
63	92.1	69.9	109.9
95	32.3	11.7	51.7

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#12

1,3-Dichlorobenzene

Concen: 38.362 ng

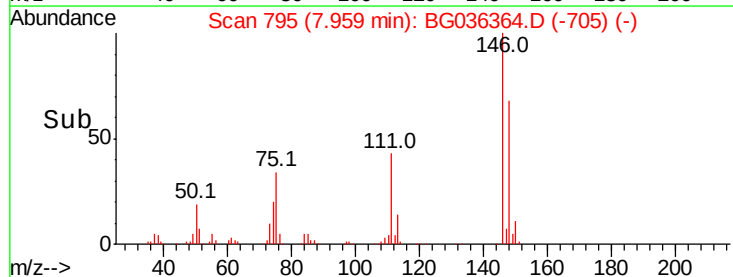
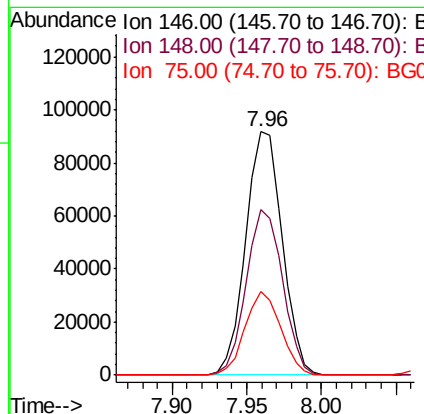
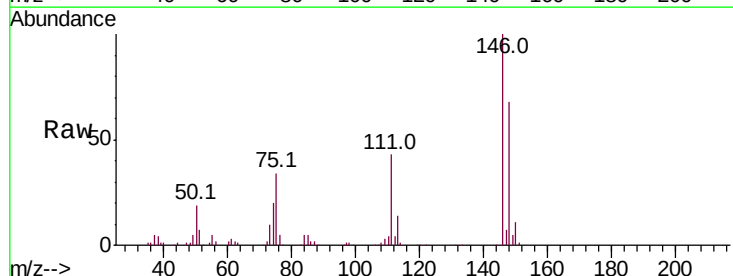
RT: 7.96 min Scan# 795

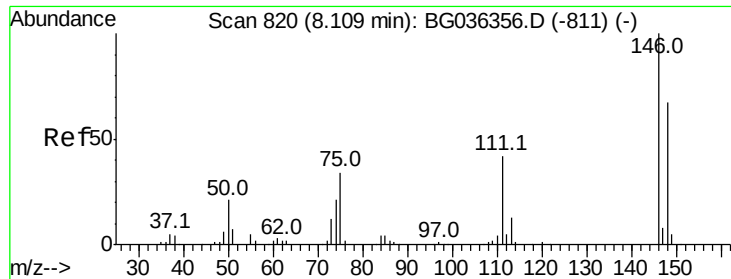
Delta R.T. -0.00 min

Lab File: BG036364.D

Acq: 23 Aug 2018 5:03

Tgt Ion:	146	Resp:	155306
Ion Ratio	Lower	Upper	
146	100		
148	68.1	53.8	80.6
75	34.3	27.2	40.8





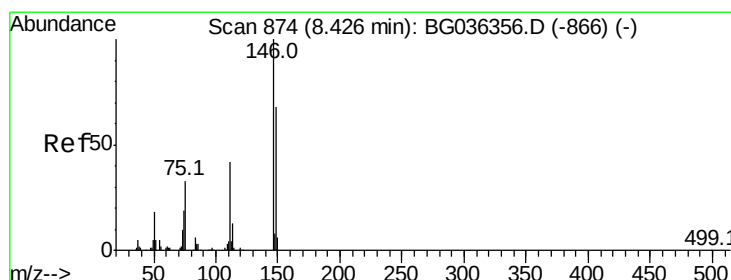
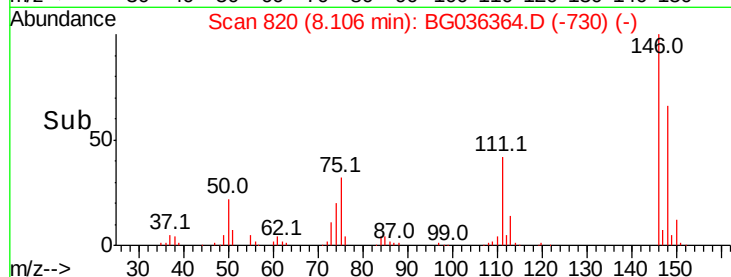
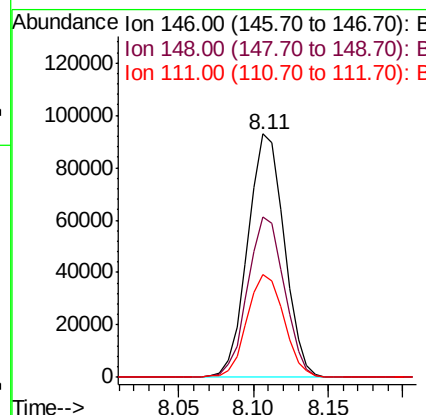
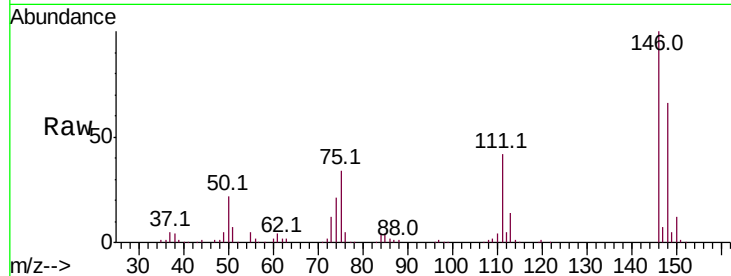
#13
 1,4-Dichlorobenzene
 Concen: 38.307 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BG036364.D
 Acq: 23 Aug 2018 5:03

Instrument :
 BNA_G
 ClientSampleId :
 PB112219BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.8	53.9	80.9
111	42.4	33.8	50.6

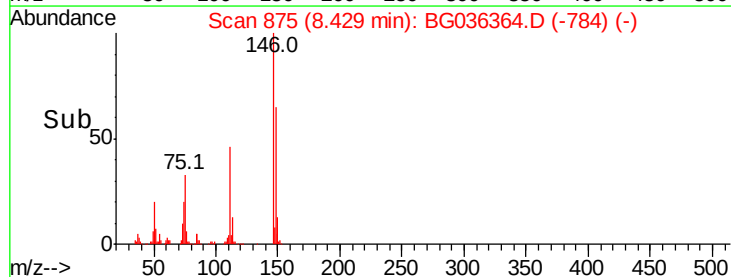
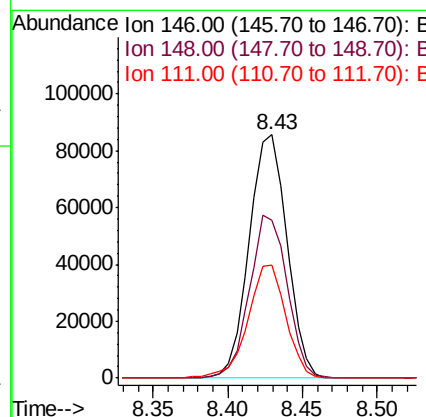
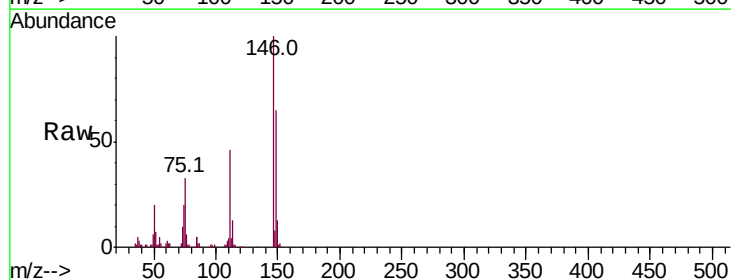
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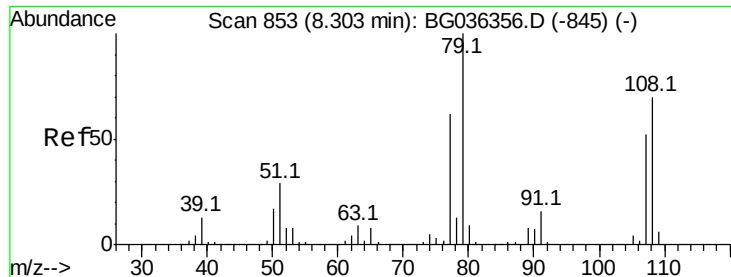
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#14
 1,2-Dichlorobenzene
 Concen: 38.365 ng
 RT: 8.43 min Scan# 875
 Delta R.T. 0.00 min
 Lab File: BG036364.D
 Acq: 23 Aug 2018 5:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	55.0	82.6
111	46.3	34.6	51.8





#15

Benzyl Alcohol

Concen: 42.893 ng

RT: 8.31 min Scan# 854

Delta R.T. 0.00 min

Lab File: BG036364.D

Acq: 23 Aug 2018 5:03

Instrument :

BNA_G

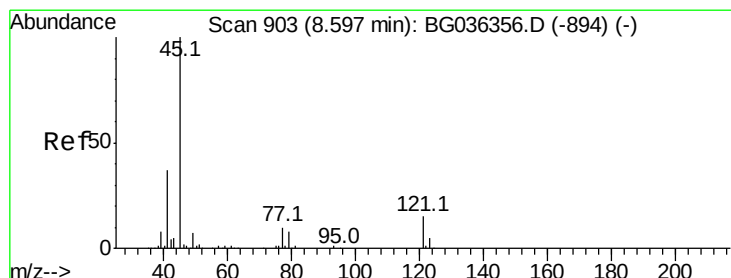
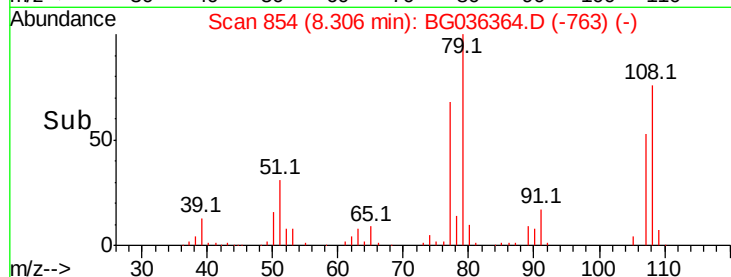
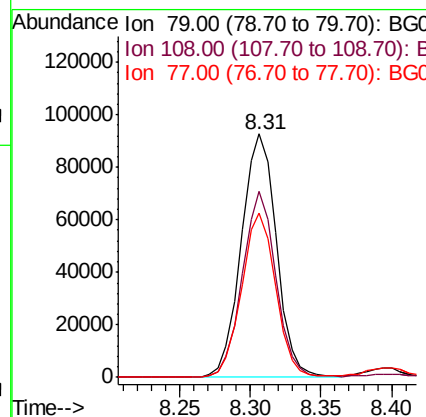
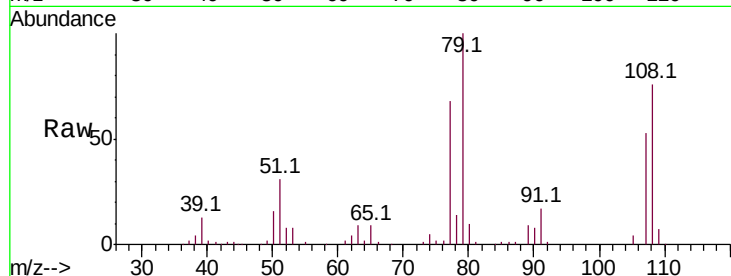
ClientSampleId :

PB112219BSD

Tot Ion	79	108	77
Resp:	161861	76.4	67.6
Lower		55.9	50.0
Upper		83.9	75.0

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.175 ng

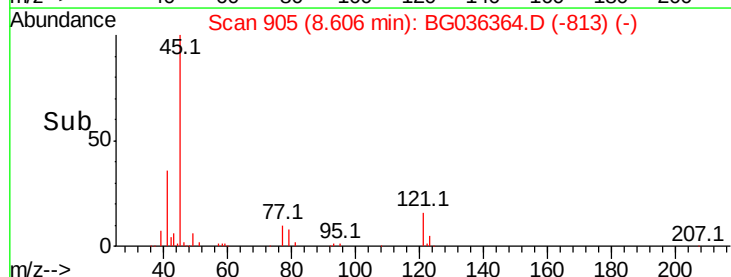
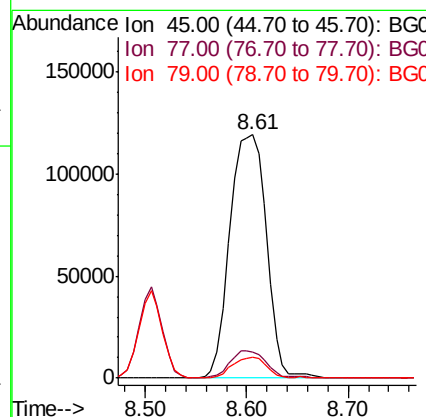
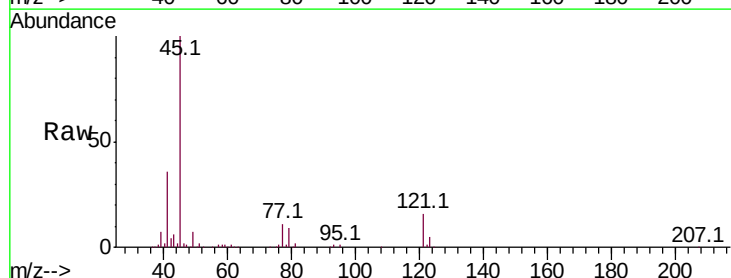
RT: 8.61 min Scan# 905

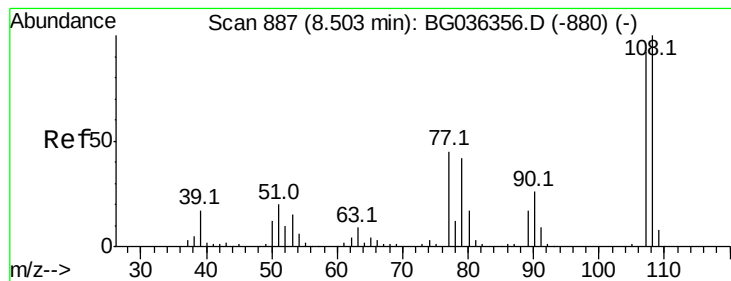
Delta R.T. 0.01 min

Lab File: BG036364.D

Acq: 23 Aug 2018 5:03

Tgt Ion	45	77	79
Resp:	298988	10.9	8.8
Lower		0.0	0.0
Upper		30.5	27.9





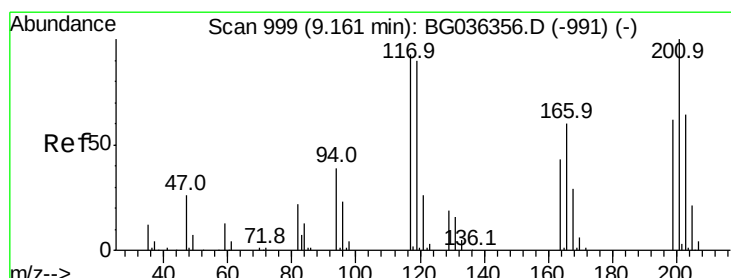
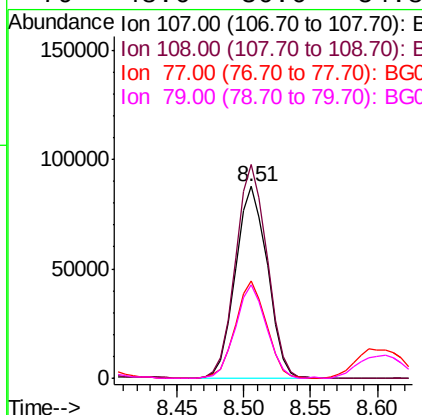
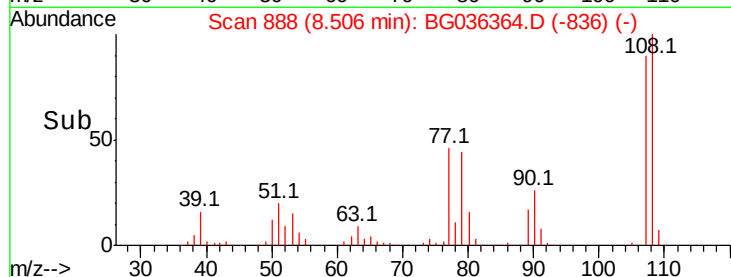
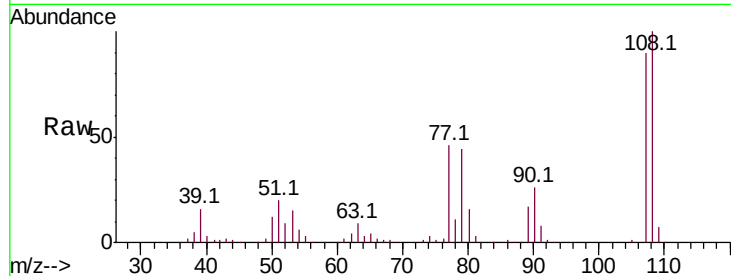
#17
2-Methylphenol
Concen: 44.978 ng
RT: 8.51 min Scan# 888
Delta R.T. 0.00 min
Lab File: BG036364.D
Acq: 23 Aug 2018 5:03

Instrument :
BNA_G
ClientSampleId :
PB112219BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.3	86.7	130.1	
77	50.7	39.0	58.4	
79	48.6	36.6	54.8	

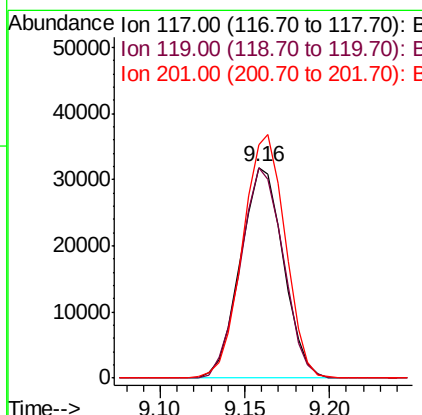
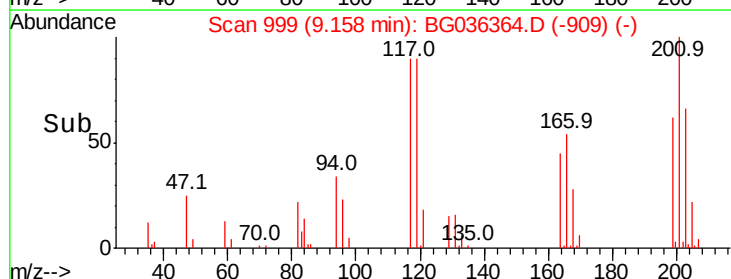
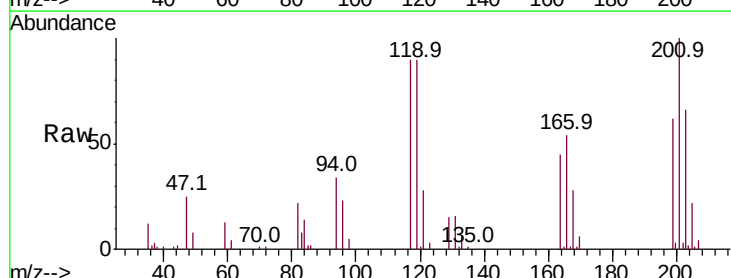
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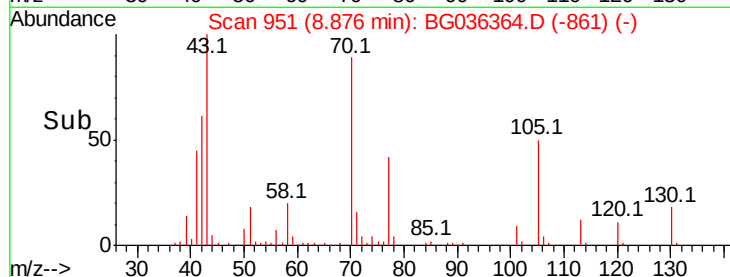
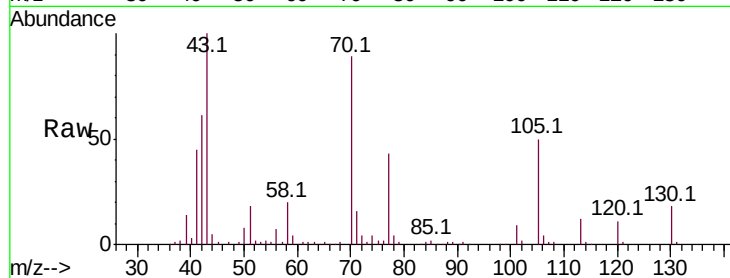
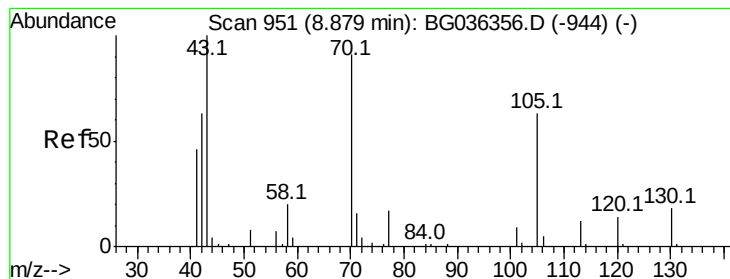
Sohil
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#18
Hexachloroethane
Concen: 38.500 ng
RT: 9.16 min Scan# 999
Delta R.T. -0.00 min
Lab File: BG036364.D
Acq: 23 Aug 2018 5:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.7	76.8	115.2	
201	110.6	85.7	128.5	





#19

n-Nitroso-di-n-propylamine

Concen: 37.908 ng

RT: 8.88 min Scan# 951

Delta R.T. -0.00 min

Lab File: BG036364.D

Acq: 23 Aug 2018 5:03

Instrument :

BNA_G

ClientSampleId :

PB112219BSD

Tot Ion: 70 Resp: 132618

Ion Ratio Lower Upper

70 100

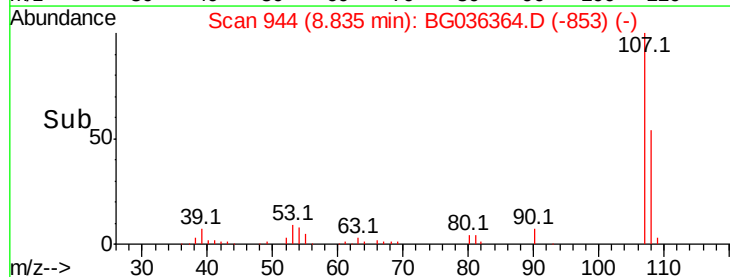
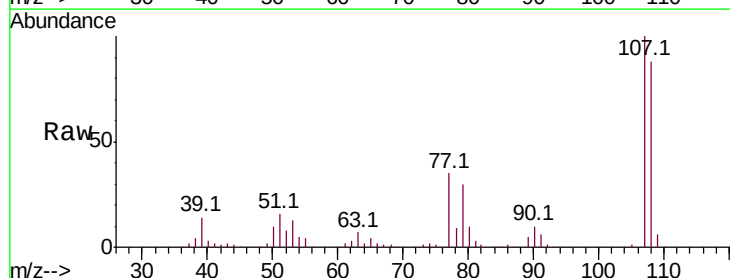
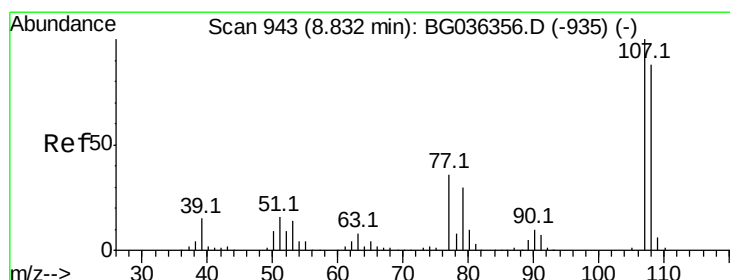
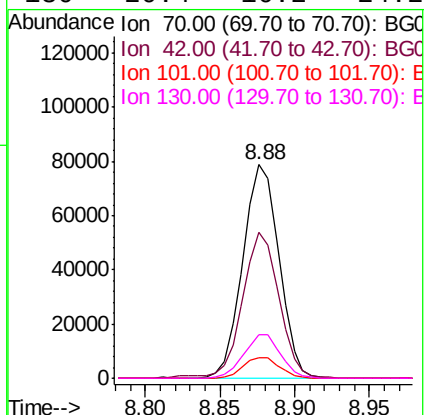
42 68.3 56.2 84.4

101 9.6 7.8 11.6

130 20.4 16.2 24.2

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#20

3+4-Methylphenols

Concen: 44.029 ng

RT: 8.83 min Scan# 944

Delta R.T. 0.00 min

Lab File: BG036364.D

Acq: 23 Aug 2018 5:03

Tgt Ion: 107 Resp: 199948

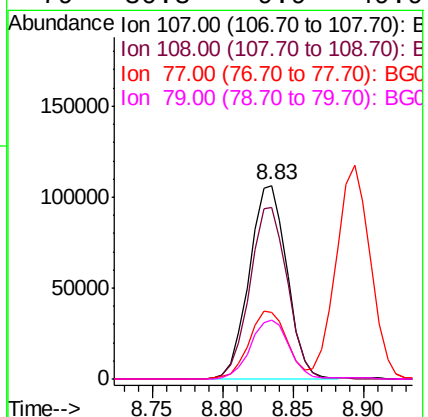
Ion Ratio Lower Upper

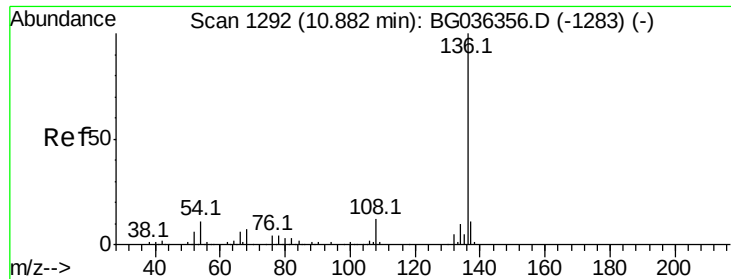
107 100

108 88.4 68.0 108.0

77 34.6 15.6 55.6

79 30.3 9.9 49.9





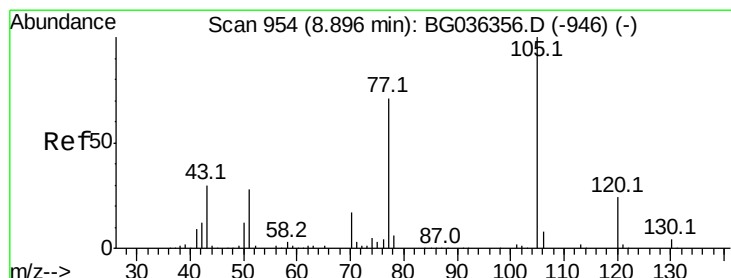
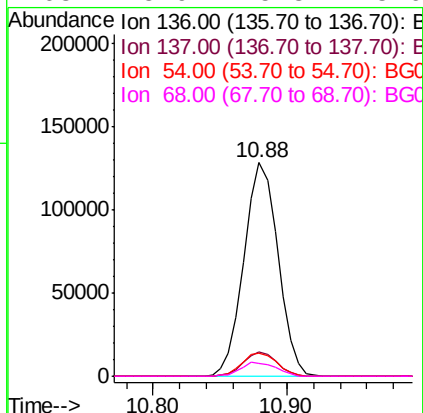
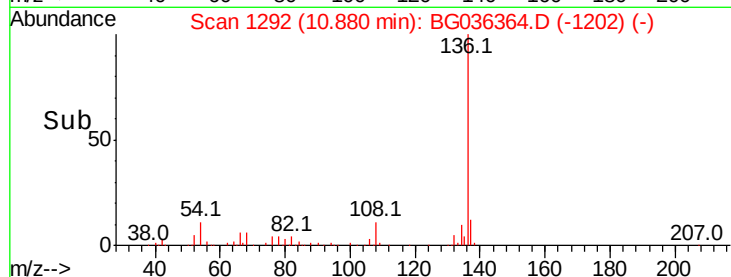
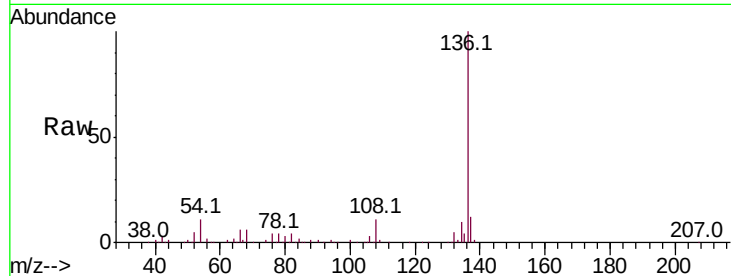
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BG036364.D
Acq: 23 Aug 2018 5:03

Instrument :
BNA_G
ClientSampleId :
PB112219BSD

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.5	8.8	13.2
54	10.9	9.2	13.8
68	5.9	5.8	8.6

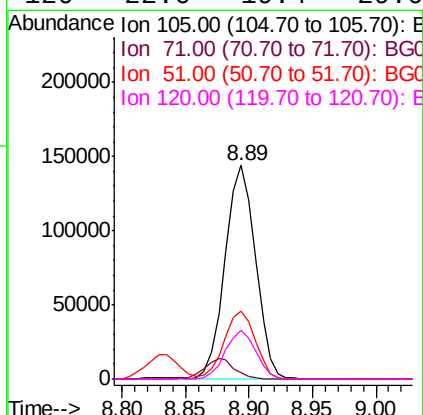
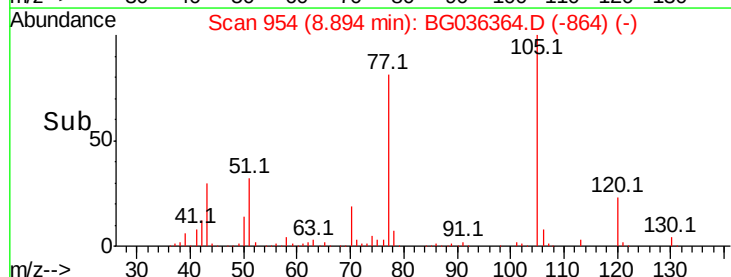
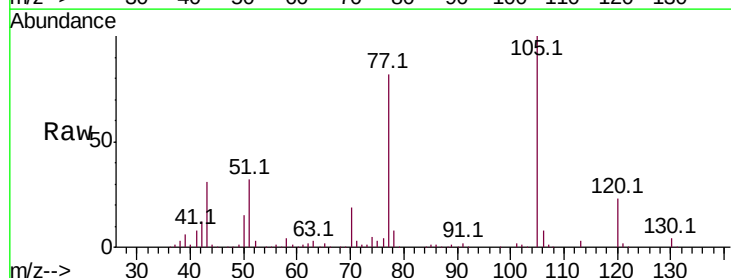
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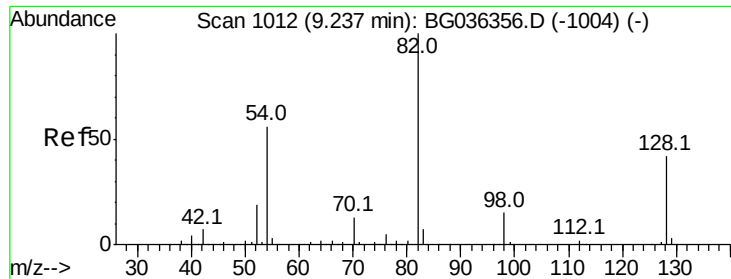
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#22
Acetophenone
Concen: 40.462 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.00 min
Lab File: BG036364.D
Acq: 23 Aug 2018 5:03

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	3.1	2.4	3.6
51	31.9	25.9	38.9
120	22.6	19.4	29.0





#23

Nitrobenzene-d5

Concen: 78.833 ng

RT: 9.23 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BG036364.D

Acq: 23 Aug 2018 5:03

Instrument :

BNA_G

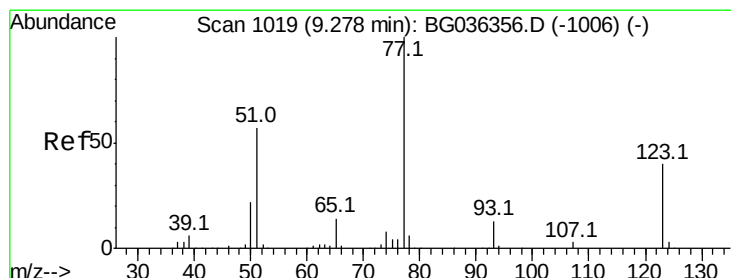
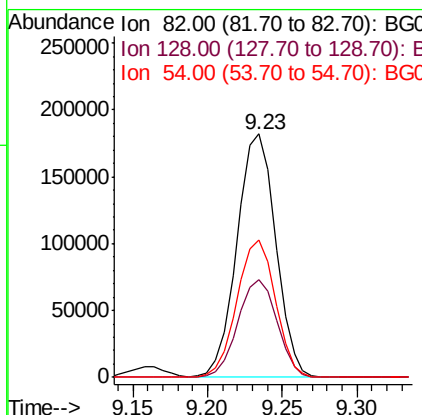
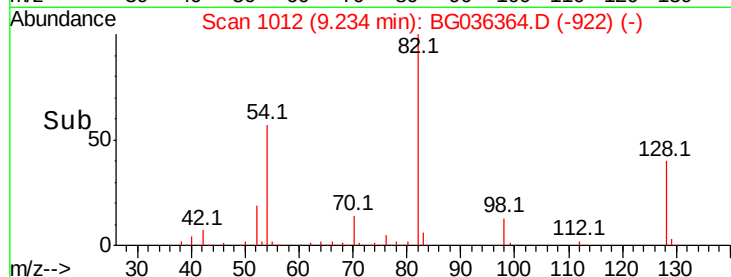
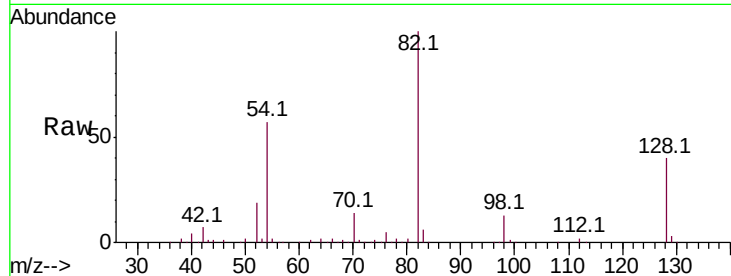
ClientSampleId :

PB112219BSD

Tot Ion:	82	Resp:	328506
Ion Ratio	Lower	Upper	
82	100		
128	40.0	33.3	49.9
54	56.5	45.1	67.7

Manual Integrations
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#24

Nitrobenzene

Concen: 41.810 ng

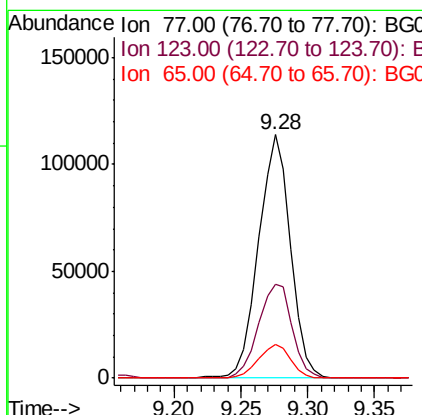
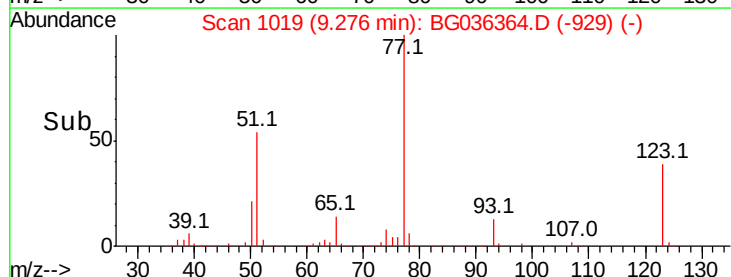
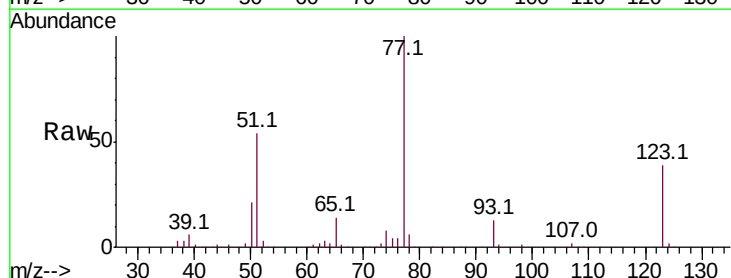
RT: 9.28 min Scan# 1019

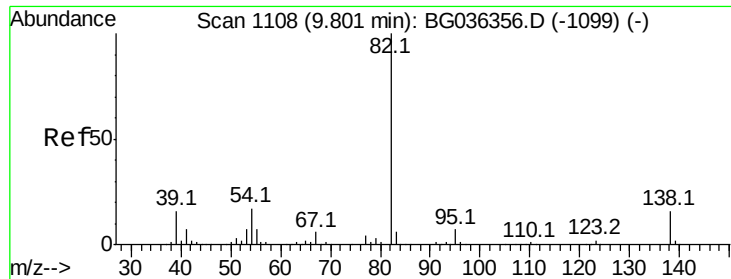
Delta R.T. -0.00 min

Lab File: BG036364.D

Acq: 23 Aug 2018 5:03

Tgt Ion:	77	Resp:	187874
Ion Ratio	Lower	Upper	
77	100		
123	38.5	32.4	48.6
65	14.0	11.5	17.3





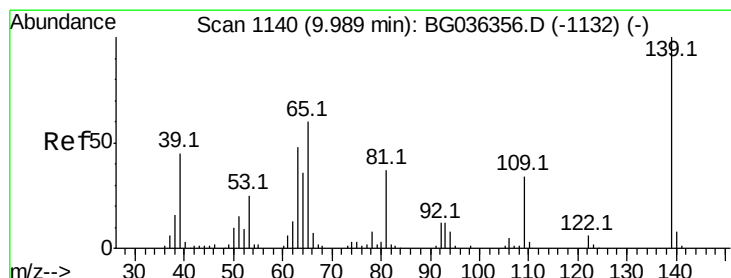
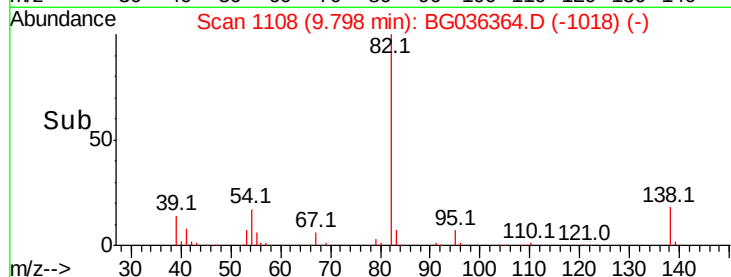
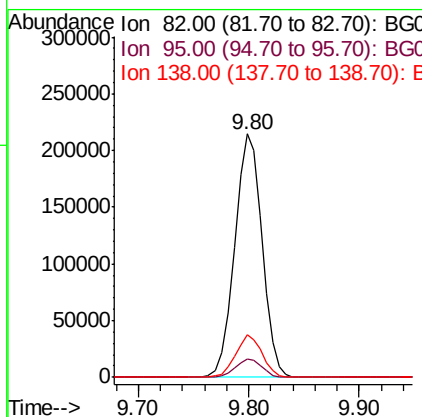
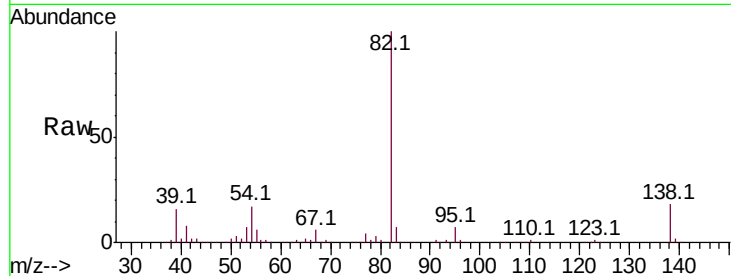
#25
Isophorone
Concen: 44.989 ng
RT: 9.80 min Scan# 1108
Delta R.T. -0.00 min
Lab File: BG036364.D
Acq: 23 Aug 2018 5:03

Instrument :
BNA_G
ClientSampleId :
PB112219BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.3	5.8	8.8	
138	17.7	12.9	19.3	

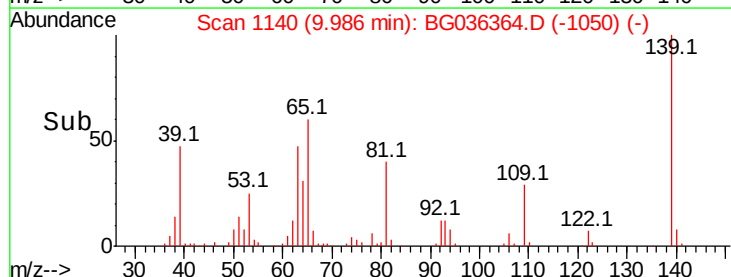
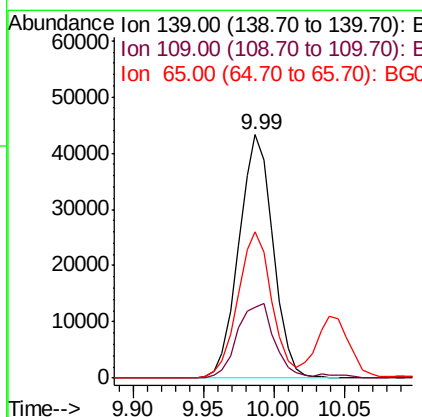
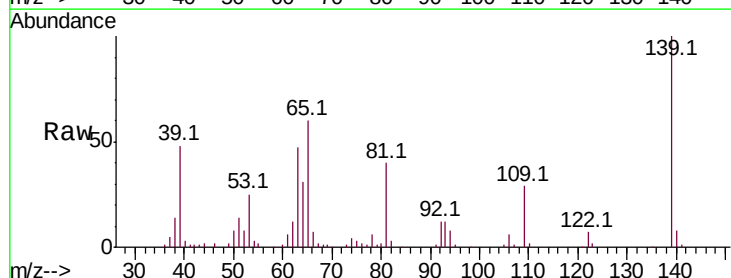
Manual Integrations
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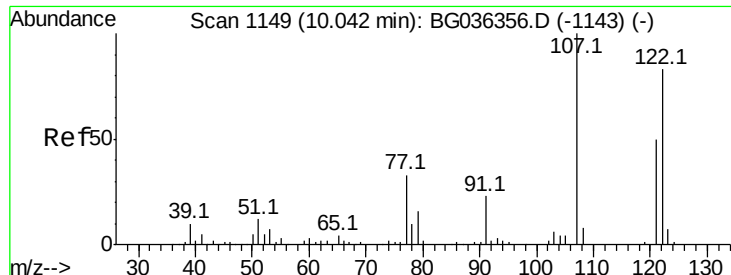
Sohil
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#26
2-Nitrophenol
Concen: 40.973 ng
RT: 9.99 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BG036364.D
Acq: 23 Aug 2018 5:03

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	29.1	27.4	41.0	
65	60.4	47.8	71.6	





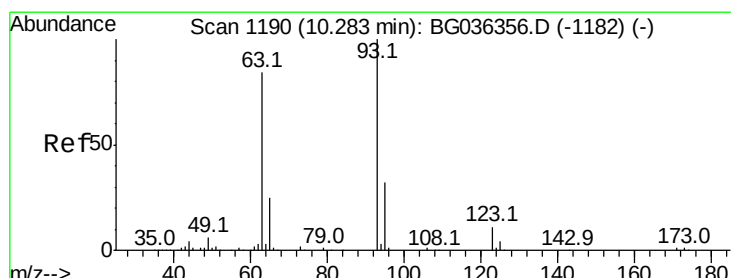
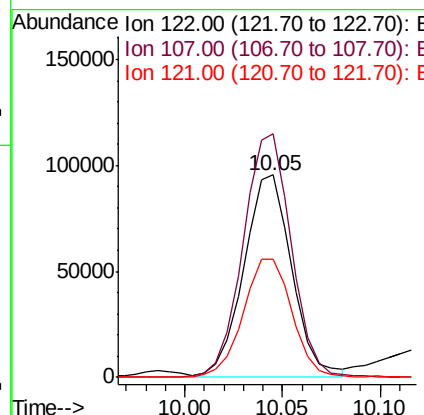
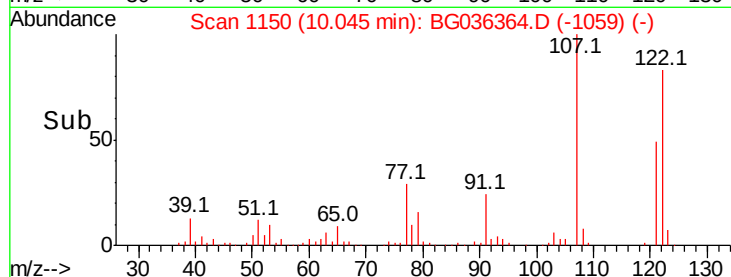
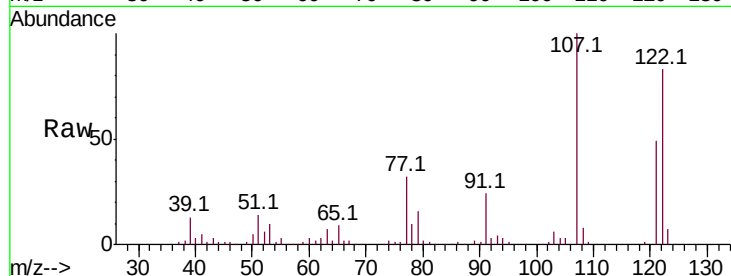
#27
 2,4-Dimethylphenol
 Concen: 49.315 ng
 RT: 10.05 min Scan# 1150
 Delta R.T. 0.00 min
 Lab File: BG036364.D
 Acq: 23 Aug 2018 5:03

Instrument :
 BNA_G
 ClientSampleId :
 PB112219BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	162576		
107	120.5	96.0	144.0	
121	58.5	48.2	72.4	

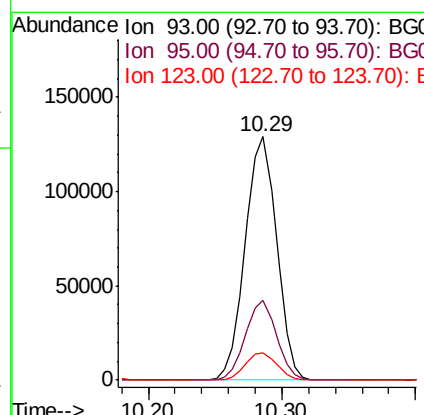
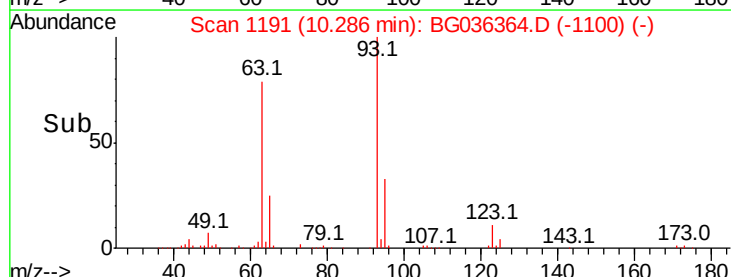
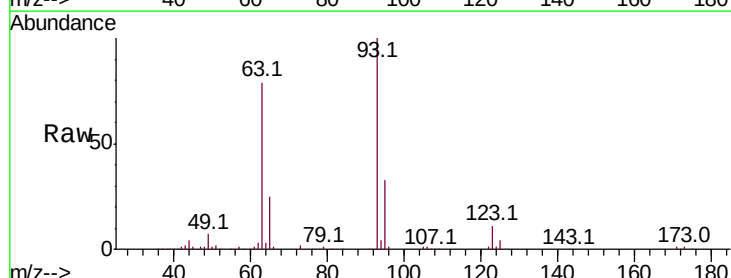
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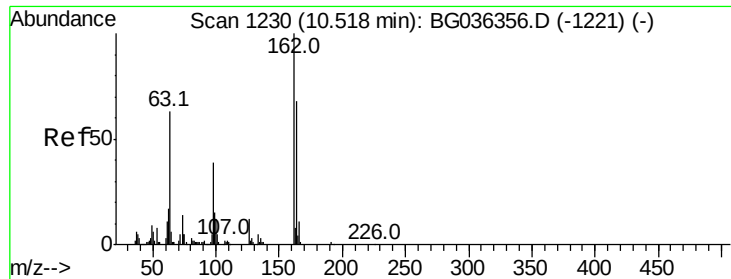
Sohil
 8/23/2018 6:34:46 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.459 ng
 RT: 10.29 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BG036364.D
 Acq: 23 Aug 2018 5:03

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	210634		
95	32.5	25.2	37.8	
123	11.3	8.6	12.8	





#29

2,4-Dichlorophenol

Concen: 44.827 ng

RT: 10.52 min Scan# 1231

Delta R.T. 0.00 min

Lab File: BG036364.D

Acq: 23 Aug 2018 5:03

Instrument :

BNA_G

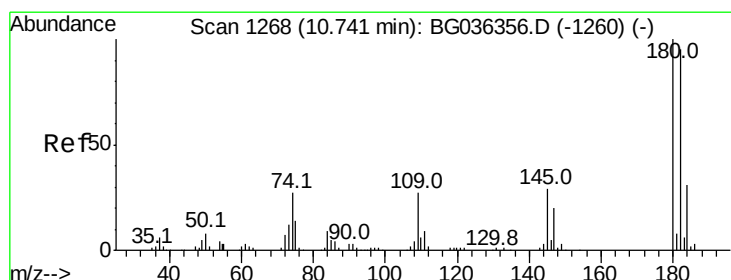
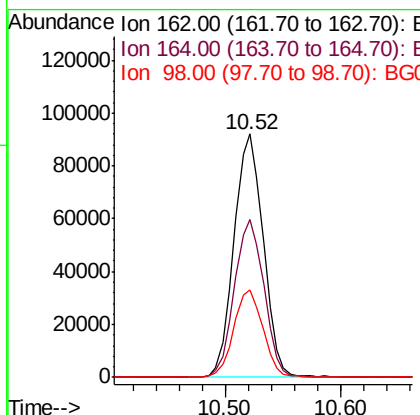
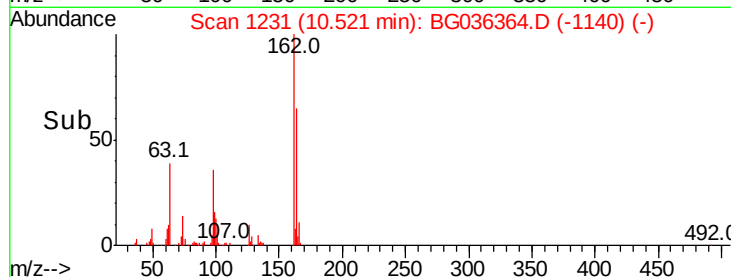
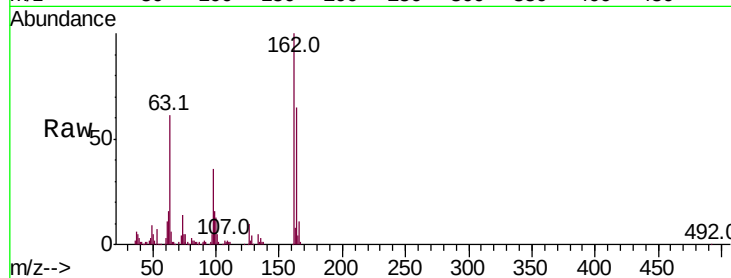
ClientSampleId :

PB112219BSD

Tot Ion:	162	Resp:	161959
Ion Ratio	Lower	Upper	
162	100		
164	65.0	47.6	87.6
98	36.1	19.2	59.2

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#30

1,2,4-Trichlorobenzene

Concen: 38.362 ng

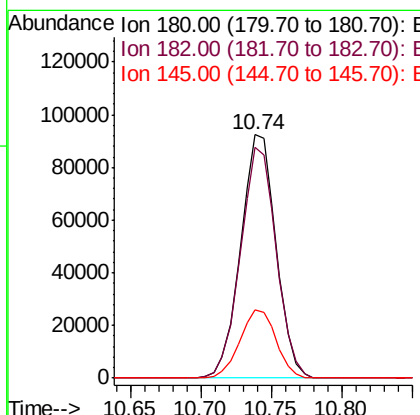
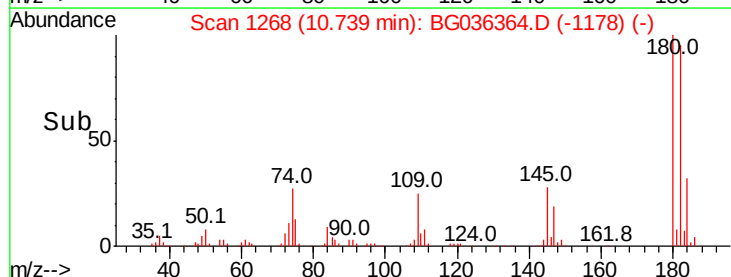
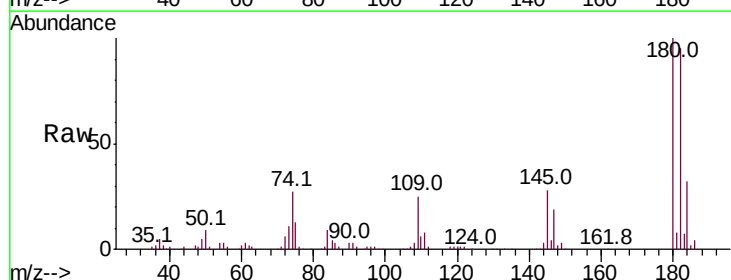
RT: 10.74 min Scan# 1268

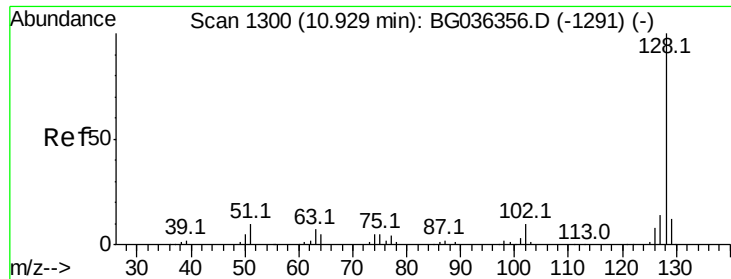
Delta R.T. -0.00 min

Lab File: BG036364.D

Acq: 23 Aug 2018 5:03

Tgt Ion:	180	Resp:	162141
Ion Ratio	Lower	Upper	
180	100		
182	94.8	76.0	114.0
145	28.1	22.9	34.3





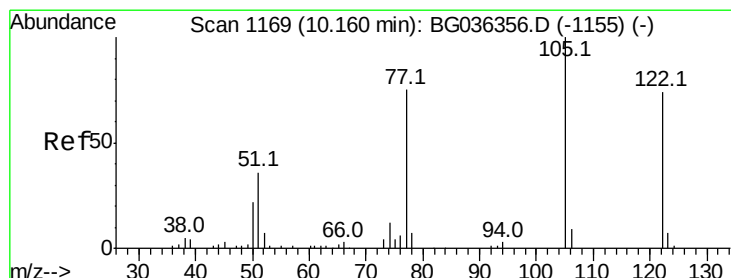
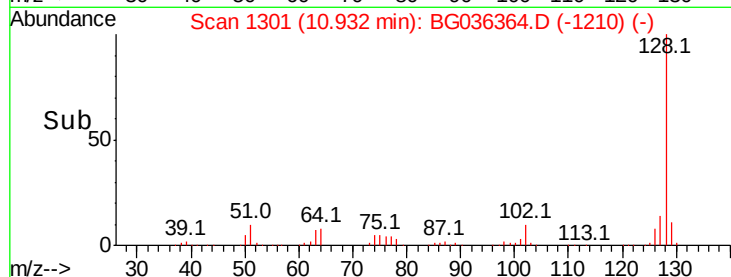
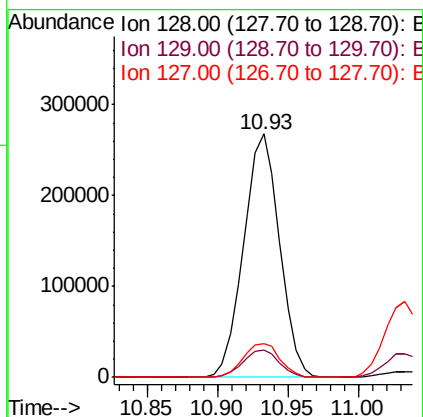
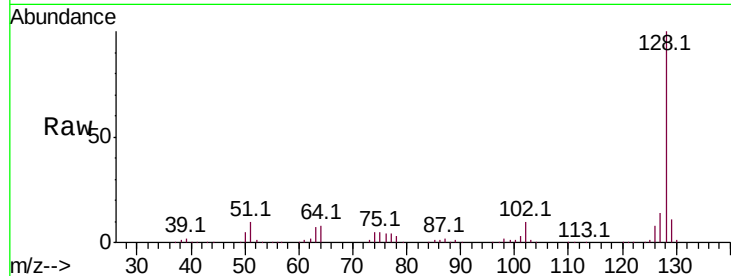
#31
Naphthalene
Concen: 42.272 ng
RT: 10.93 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BG036364.D
Acq: 23 Aug 2018 5:03

Instrument :
BNA_G
ClientSampleId :
PB112219BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.4	14.2
127	14.0	11.0	16.4

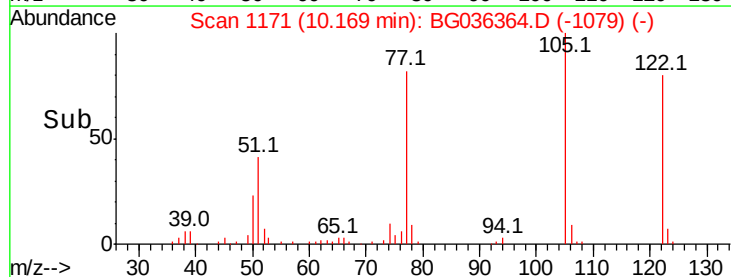
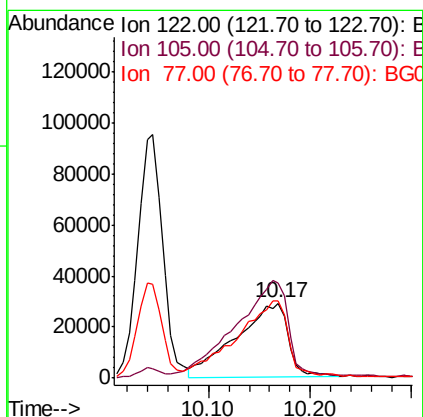
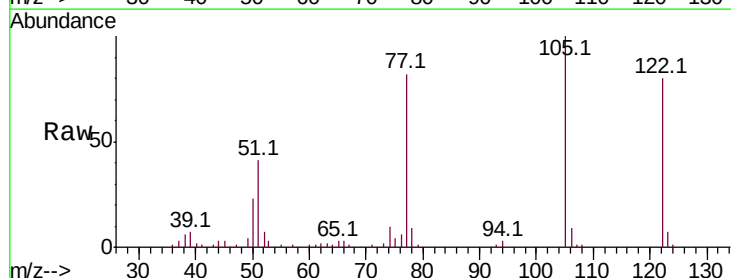
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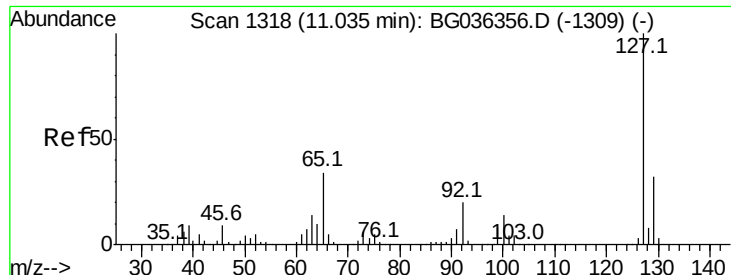
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#32
Benzoic acid
Concen: 42.510 ng
RT: 10.17 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BG036364.D
Acq: 23 Aug 2018 5:03

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.7	108.1	148.1
77	102.9	76.3	116.3





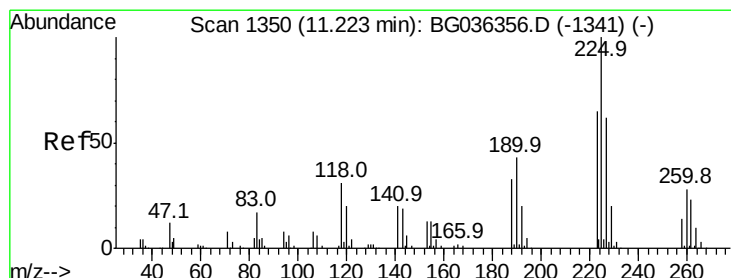
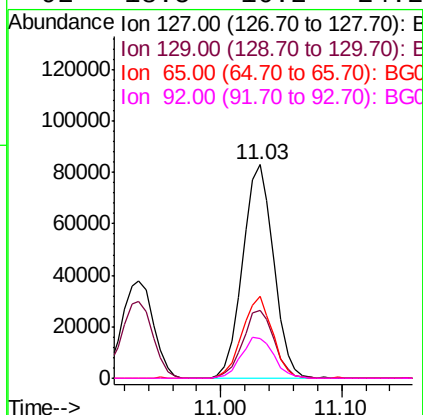
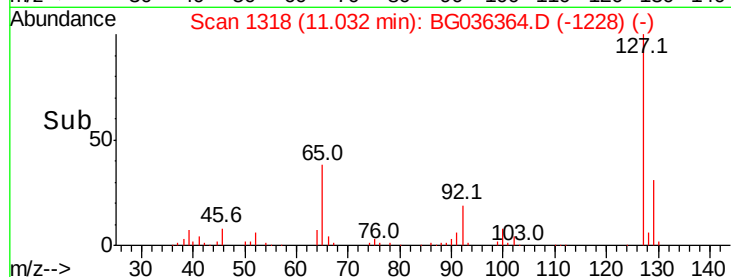
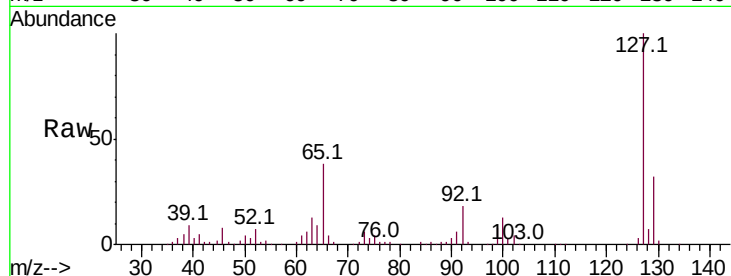
#33
4-Chloroaniline
Concen: 28.667 ng
RT: 11.03 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG036364.D
Acq: 23 Aug 2018 5:03

Instrument :
BNA_G
ClientSampleId :
PB112219BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.5	25.9	38.9		
65	38.3	27.5	41.3		
92	18.5	16.2	24.2		

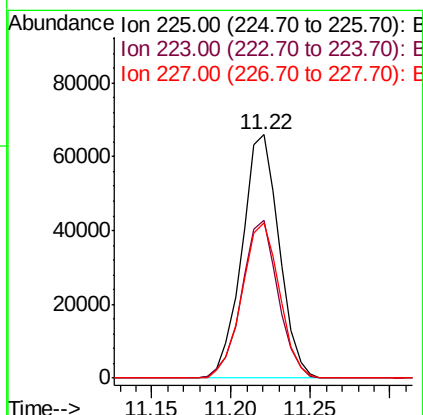
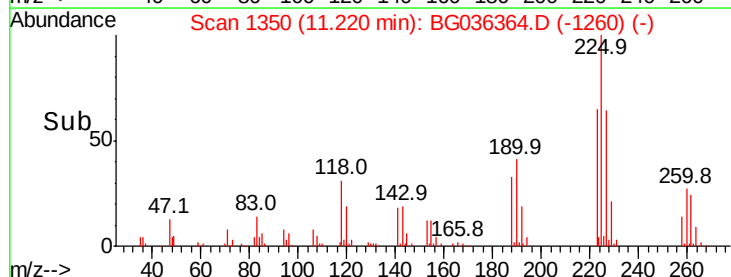
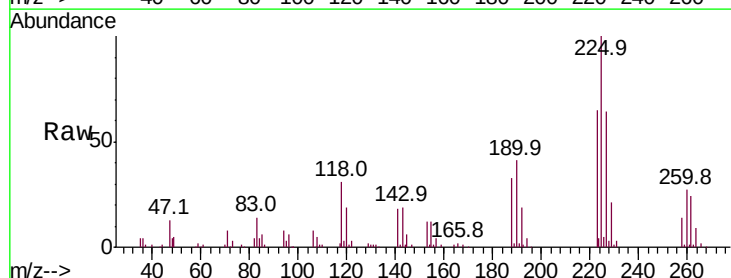
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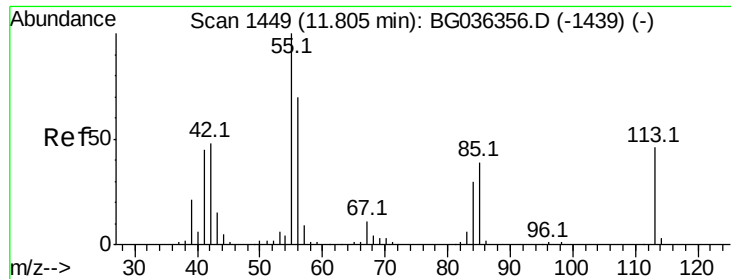
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#34
Hexachlorobutadiene
Concen: 37.760 ng
RT: 11.22 min Scan# 1350
Delta R.T. -0.00 min
Lab File: BG036364.D
Acq: 23 Aug 2018 5:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.1	51.8	77.8		
227	63.9	49.8	74.6		





#35

Caprolactam

Concen: 44.482 ng/ml

RT: 11.80 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BG036364.D

Acq: 23 Aug 2018 5:03

Instrument :

BNA_G

ClientSampleId :

PB112219BSD

Tot Ion:113 Resp: 64021

Ion Ratio Lower Upper

113 100

55 216.5 197.7 237.7

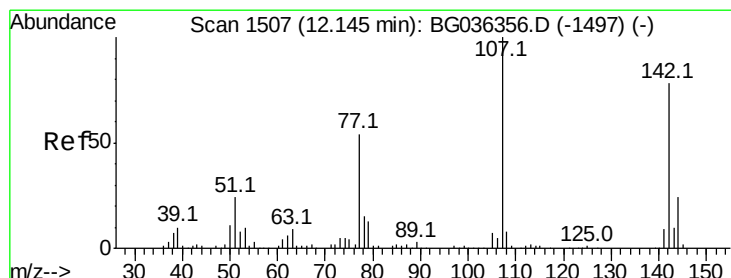
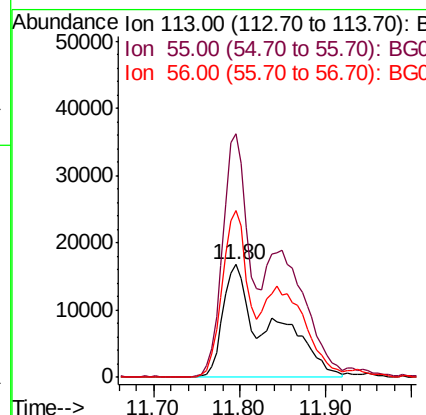
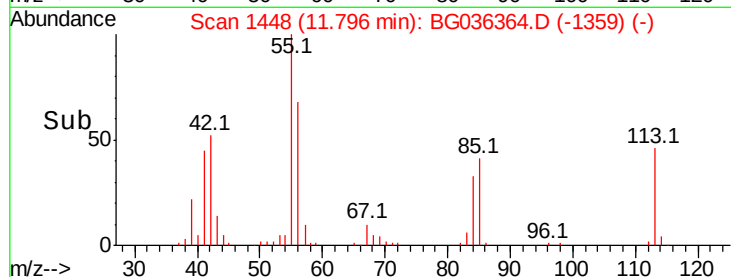
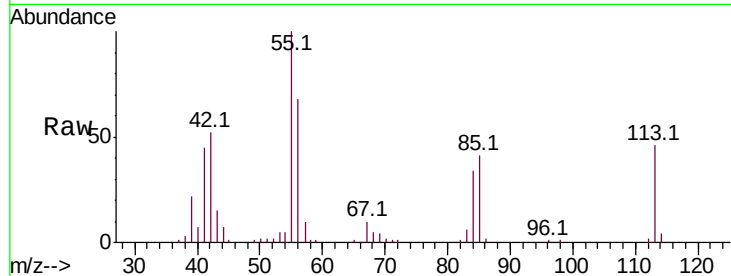
56 148.0 131.7 171.7

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#36

4-Chloro-3-methylphenol

Concen: 44.666 ng/ml

RT: 12.14 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BG036364.D

Acq: 23 Aug 2018 5:03

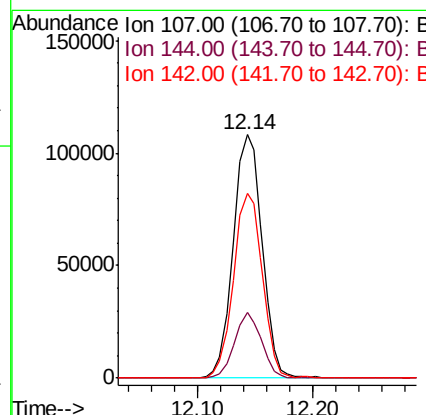
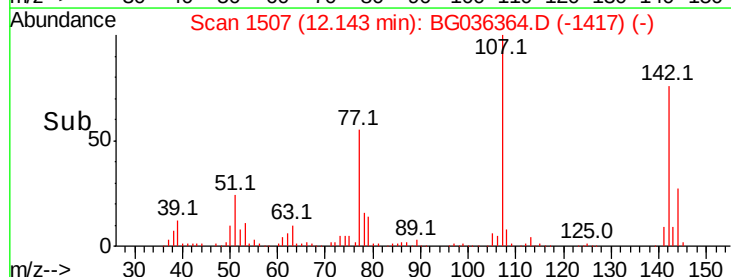
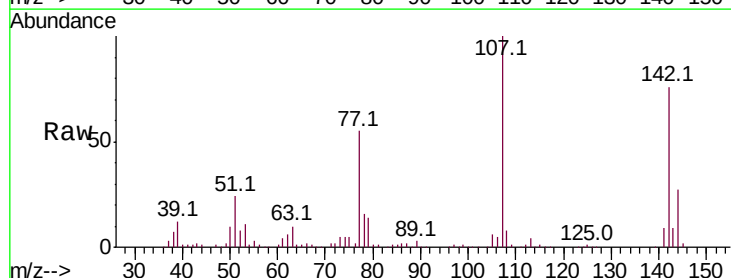
Tgt Ion:107 Resp: 187514

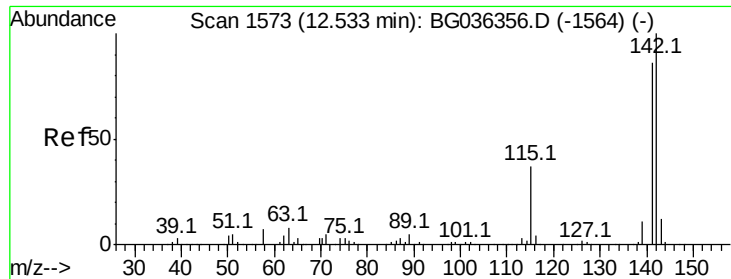
Ion Ratio Lower Upper

107 100

144 26.8 19.5 29.3

142 75.9 62.4 93.6





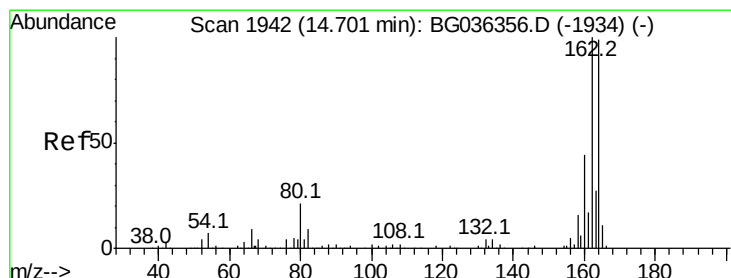
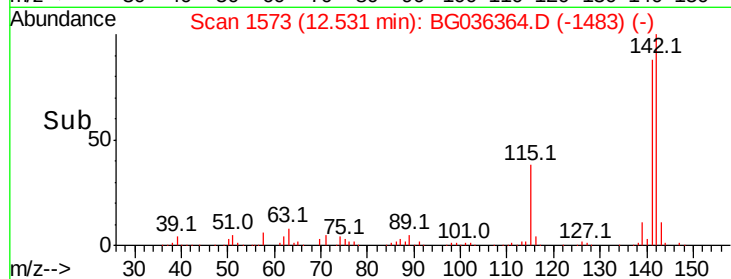
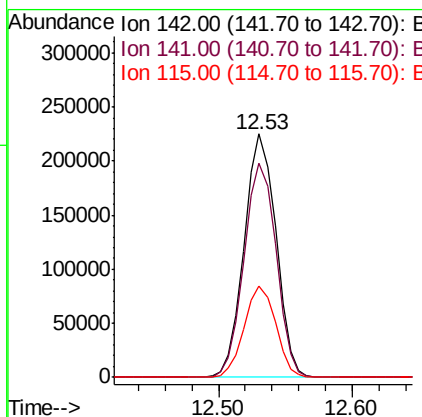
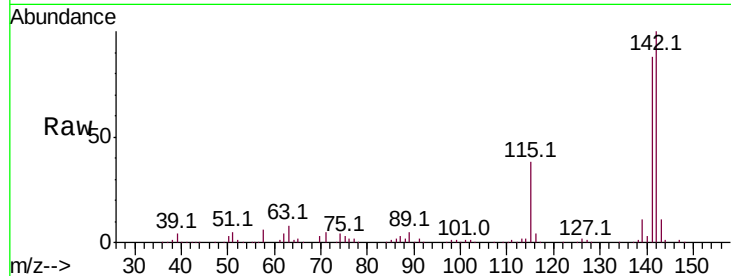
#37
2-Methylnaphthalene
Concen: 44.866 ng
RT: 12.53 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BG036364.D
Acq: 23 Aug 2018 5:03

Instrument :
BNA_G
ClientSampleId :
PB112219BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	68.5	102.7
115	37.5	29.8	44.8

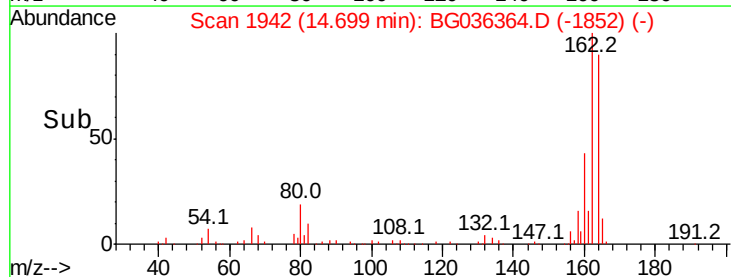
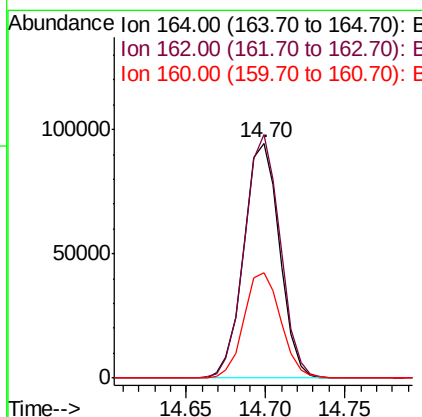
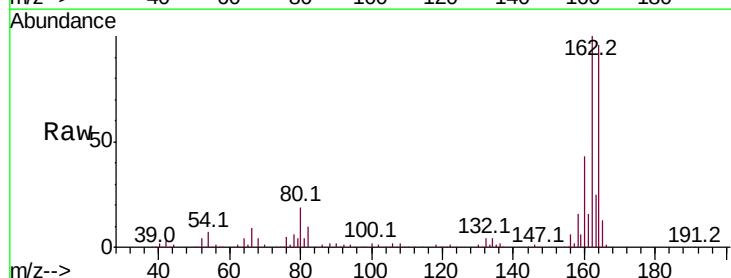
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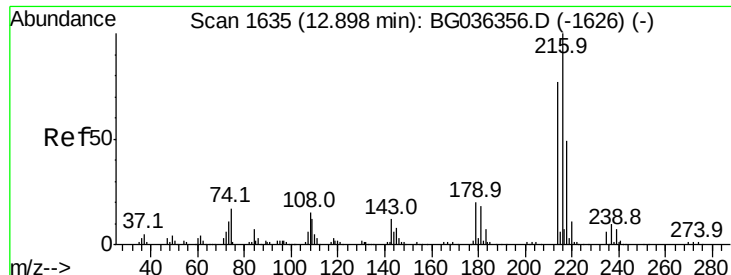
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1942
Delta R.T. -0.00 min
Lab File: BG036364.D
Acq: 23 Aug 2018 5:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	80.7	121.1
160	44.9	35.3	52.9





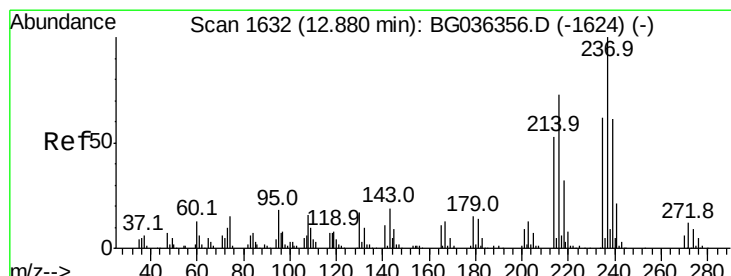
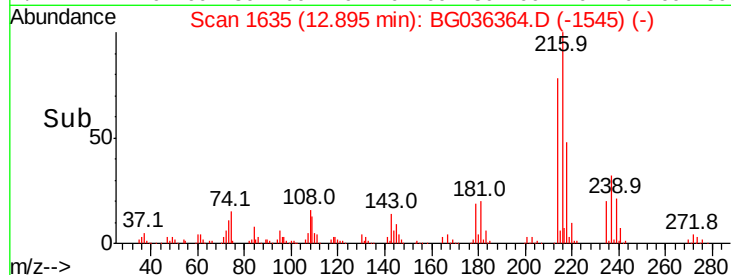
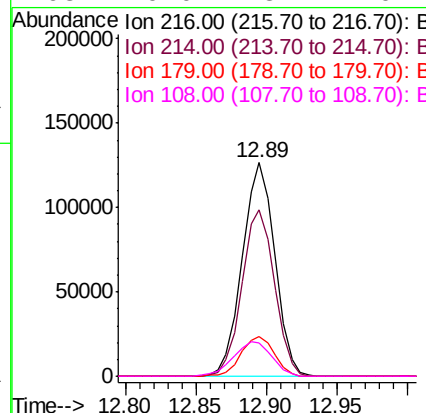
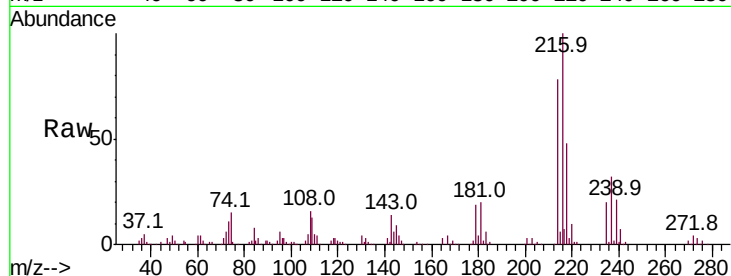
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.839 ng
 RT: 12.89 min Scan# 1635
 Delta R.T. -0.00 min
 Lab File: BG036364.D
 Acq: 23 Aug 2018 5:03

Instrument :
 BNA_G
 ClientSampleId :
 PB112219BSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	77.9	61.0	91.6
179	18.9	15.7	23.5
108	19.0	13.1	19.7

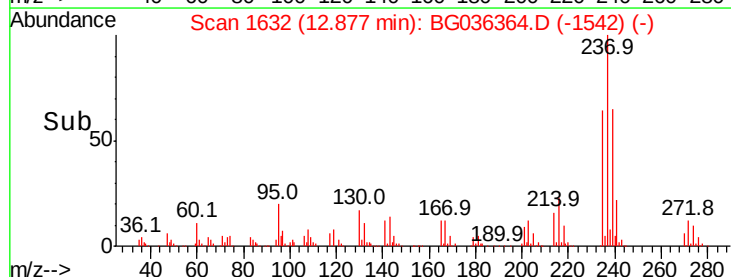
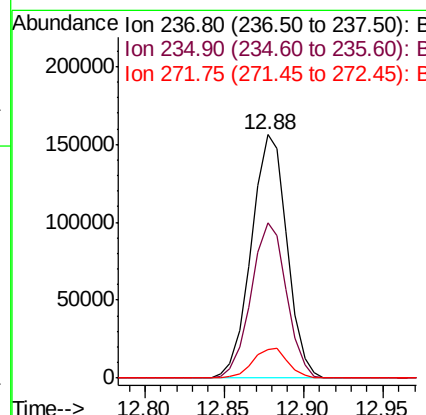
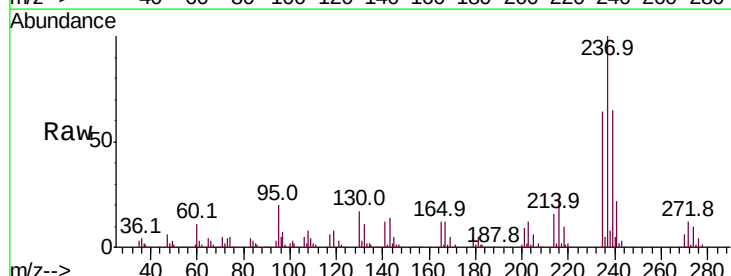
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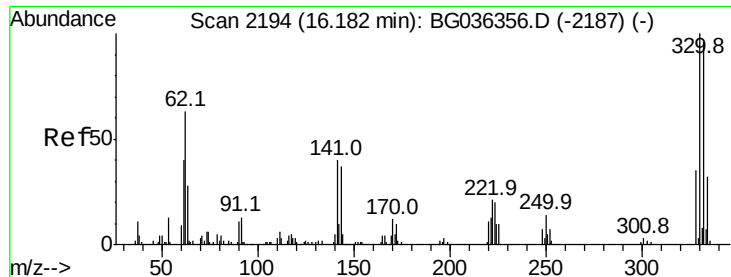
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#40
 Hexachlorocyclopentadiene
 Concen: 89.295 ng
 RT: 12.88 min Scan# 1632
 Delta R.T. -0.00 min
 Lab File: BG036364.D
 Acq: 23 Aug 2018 5:03

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	64.0	42.2	82.2
272	11.6	0.0	32.1





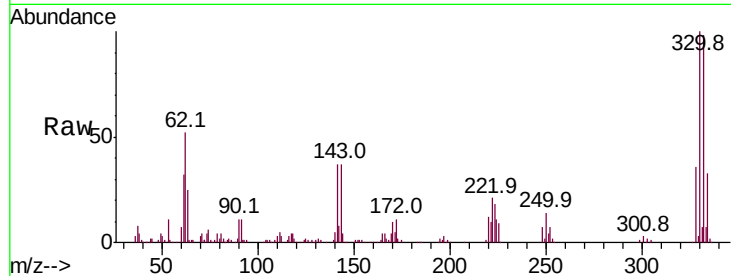
#41
 2,4,6-Tribromophenol
 Concen: 95.867 ng
 RT: 16.19 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: BG036364.D
 Acq: 23 Aug 2018 5:03

Instrument :
 BNA_G
 ClientSampleId :
 PB112219BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	169727		
332	96.0	75.4	113.2	
141	39.3	30.7	46.1	

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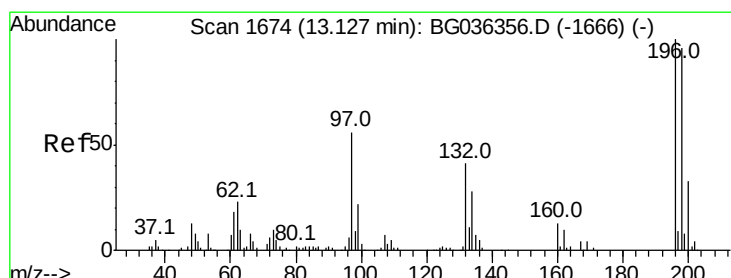
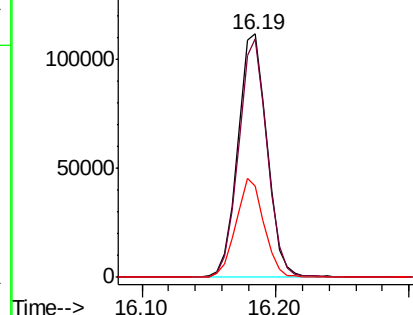
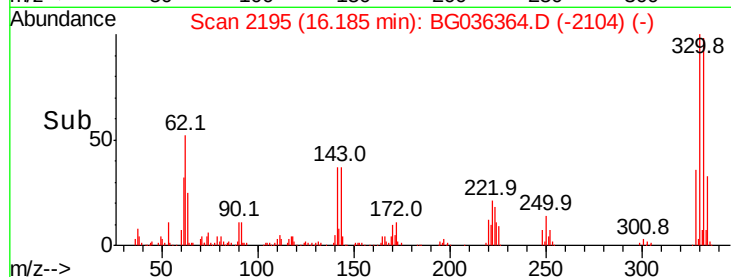


Abundance

Ion 329.80 (329.50 to 330.50): E

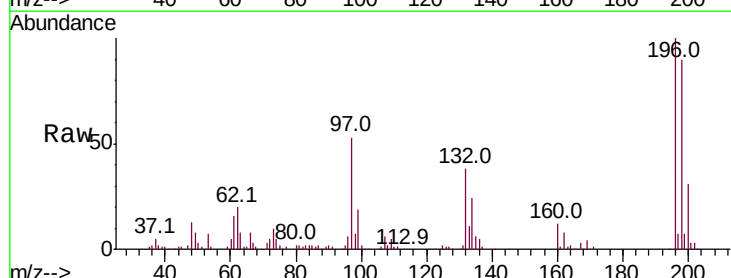
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 42.825 ng
 RT: 13.13 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BG036364.D
 Acq: 23 Aug 2018 5:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	136975		
198	89.6	77.2	115.8	
200	30.5	26.3	39.5	

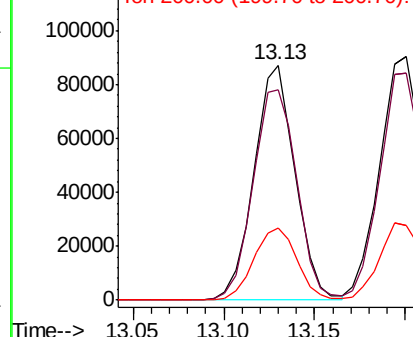
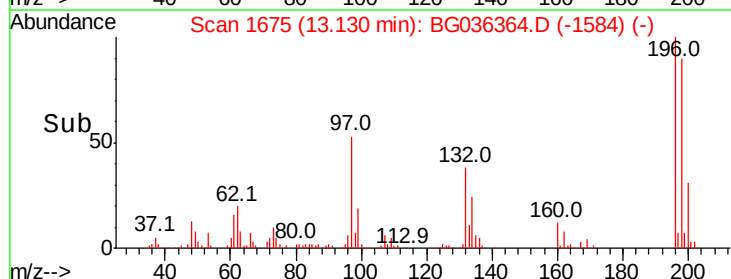


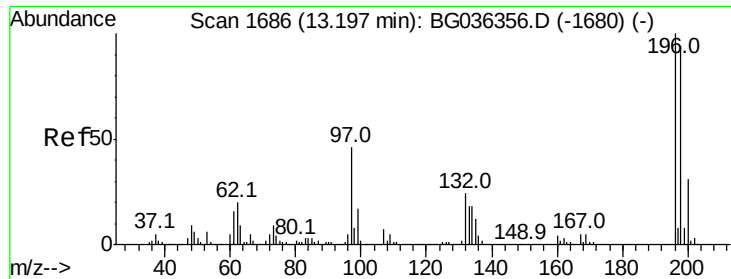
Abundance

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





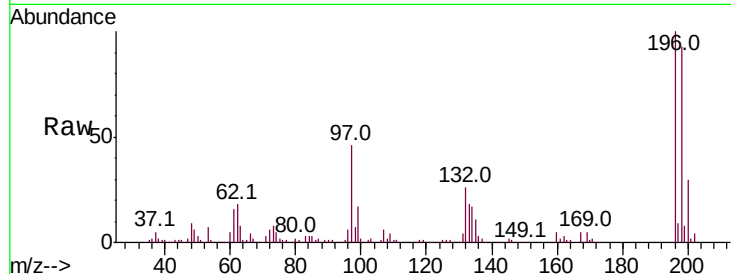
#43
 2,4,5-Trichlorophenol
 Concen: 43.962 ng
 RT: 13.20 min Scan# 1687
 Delta R.T. 0.00 min
 Lab File: BG036364.D
 Acq: 23 Aug 2018 5:03

Instrument :
 BNA_G
 ClientSampleId :
 PB112219BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		149978		
198	93.1	75.6	113.4		
97	46.1	37.2	55.8		
132	25.9	19.4	29.2		

Manual Integrations
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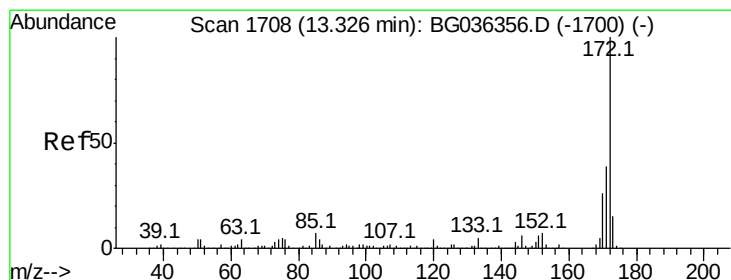
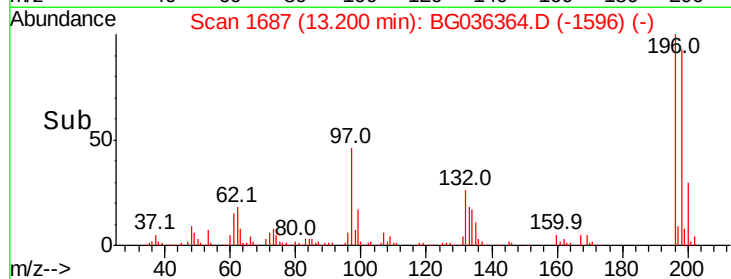
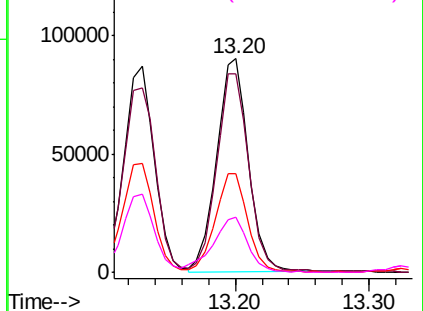
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

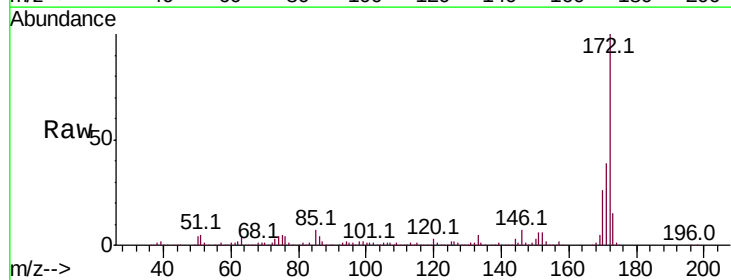
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 75.756 ng
 RT: 13.32 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG036364.D
 Acq: 23 Aug 2018 5:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		787234		
171	39.2	31.3	46.9		
170	25.9	21.0	31.6		

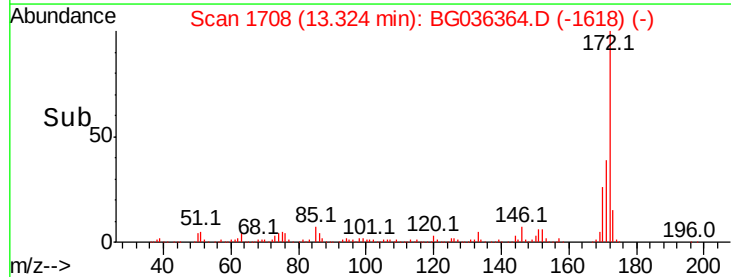
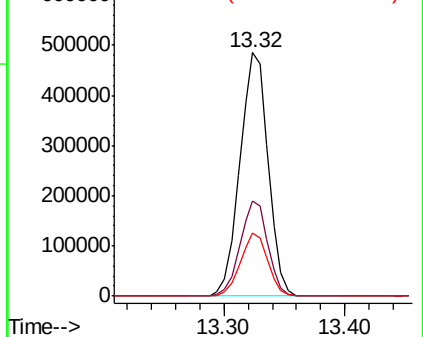


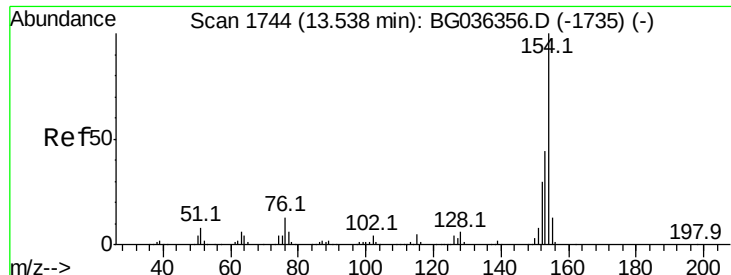
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





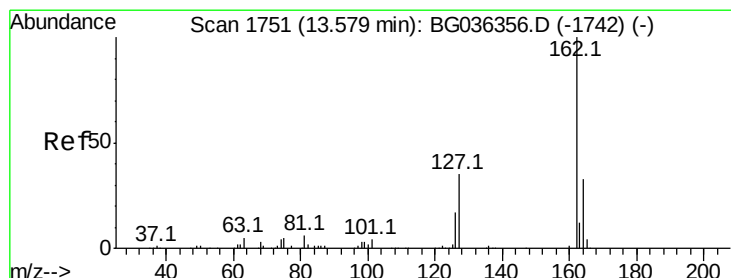
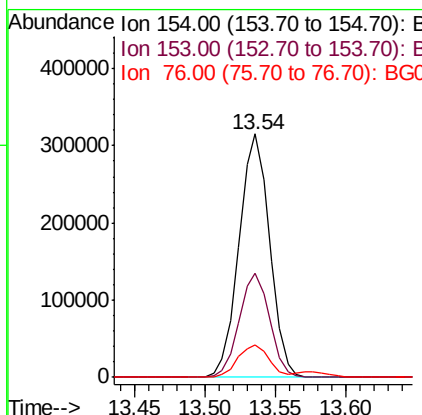
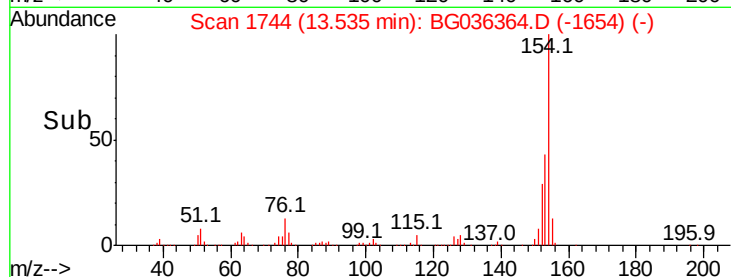
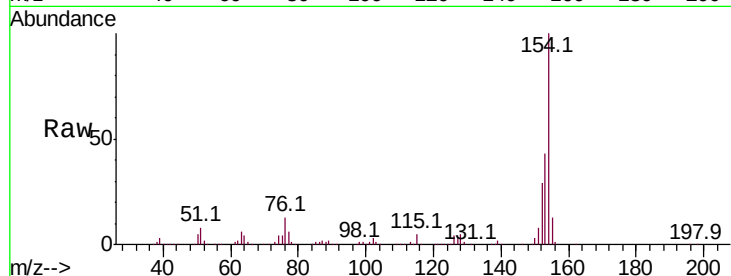
#45
 1,1'-Biphenyl
 Concen: 38.836 ng
 RT: 13.54 min Scan# 1744
 Delta R.T. -0.00 min
 Lab File: BG036364.D
 Acq: 23 Aug 2018 5:03

Instrument :
 BNA_G
 ClientSampleId :
 PB112219BSD

Tot Ion:	154	Resp:	478315
Ion Ratio	Lower	Upper	
154	100		
153	42.6	24.0	64.0
76	13.5	0.0	32.9

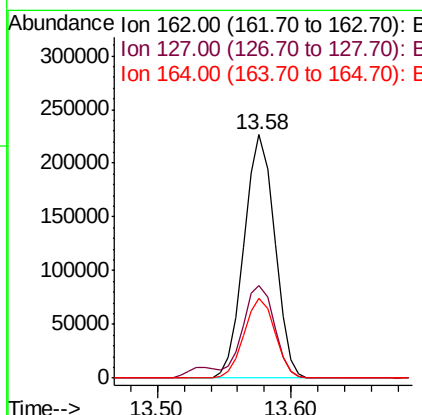
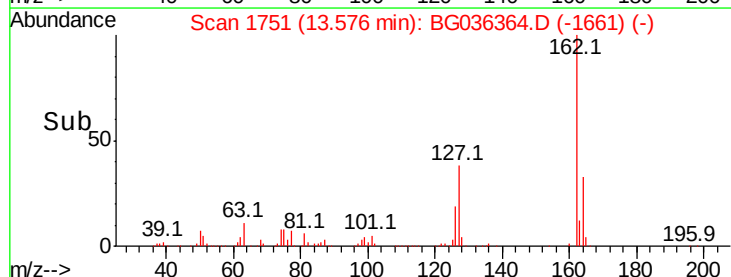
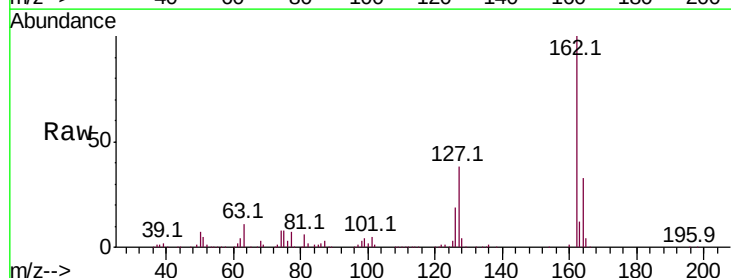
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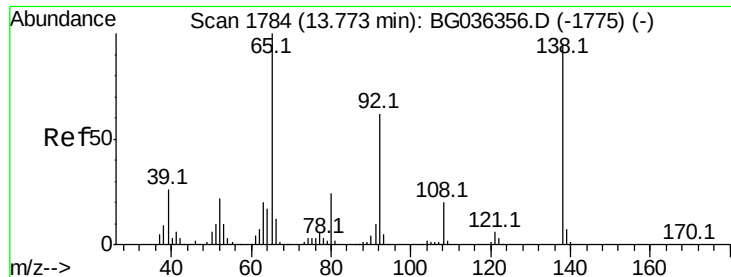
Sohil
 8/23/2018 6:34:46 PM



#46
 2-Chloronaphthalene
 Concen: 38.320 ng
 RT: 13.58 min Scan# 1751
 Delta R.T. -0.00 min
 Lab File: BG036364.D
 Acq: 23 Aug 2018 5:03

Tgt Ion:	162	Resp:	360302
Ion Ratio	Lower	Upper	
162	100		
127	38.1	30.7	46.1
164	32.6	26.7	40.1





#47

2-Nitroaniline

Concen: 43.966 ng

RT: 13.77 min Scan# 1784

Delta R.T. -0.00 min

Lab File: BG036364.D

Acq: 23 Aug 2018 5:03

Instrument :

BNA_G

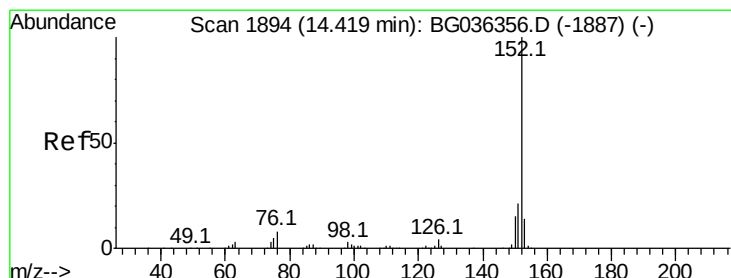
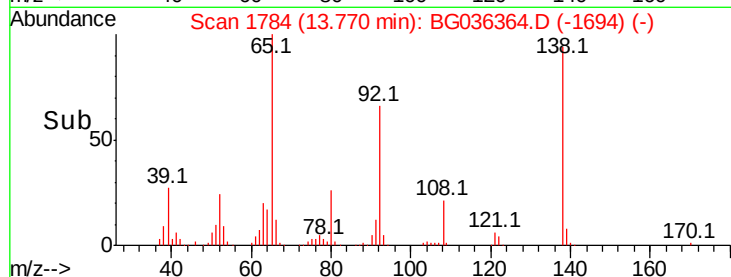
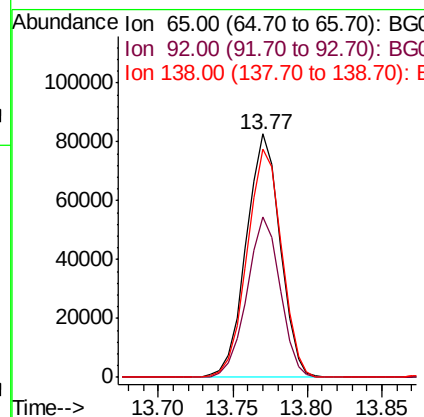
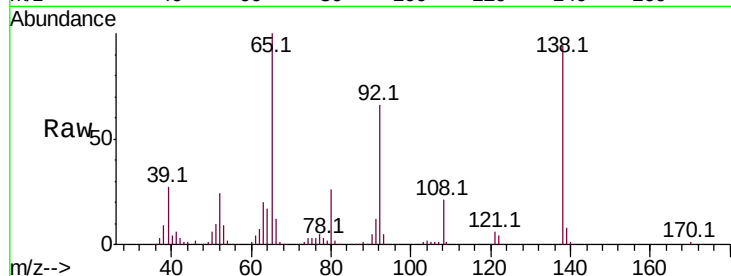
ClientSampled :

PB112219BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.0	49.9	74.9
138	93.7	76.2	114.4

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#48

Acenaphthylene

Concen: 42.782 ng

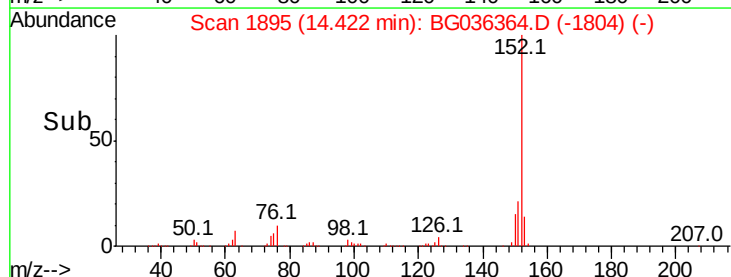
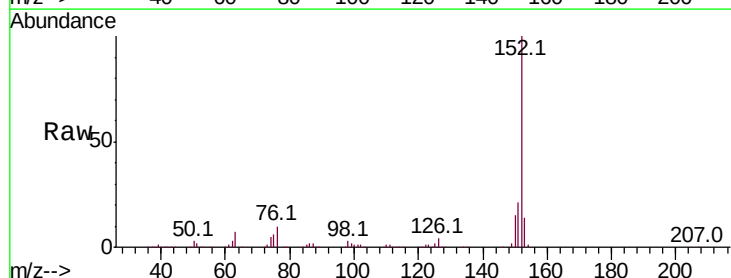
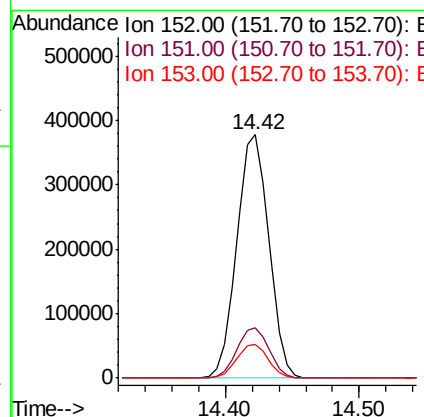
RT: 14.42 min Scan# 1895

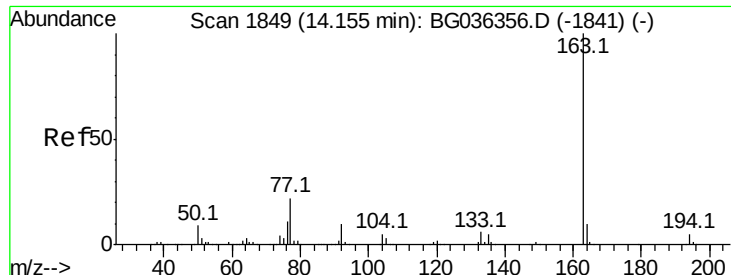
Delta R.T. 0.00 min

Lab File: BG036364.D

Acq: 23 Aug 2018 5:03

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.9	25.3
153	13.7	11.2	16.8





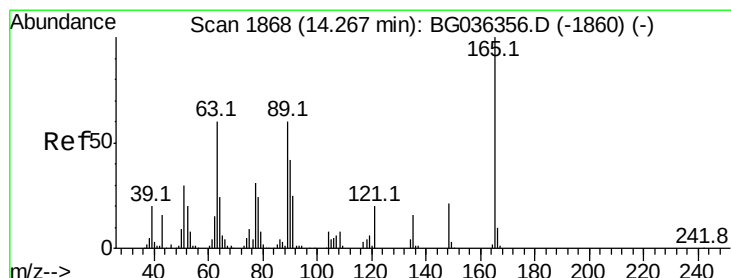
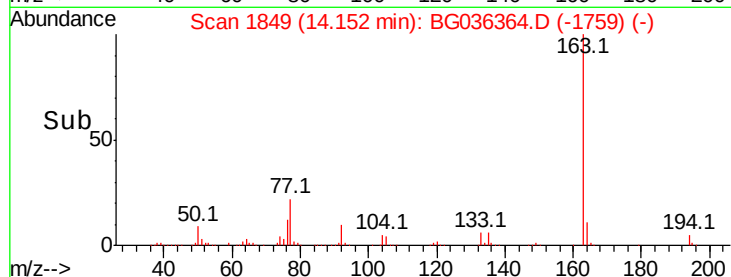
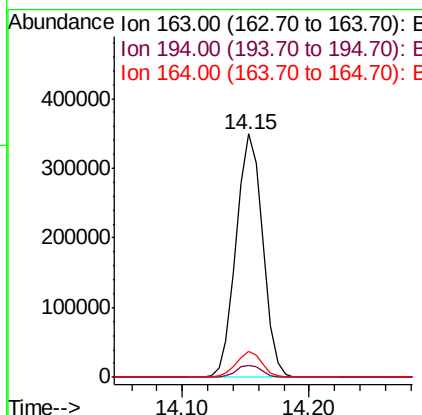
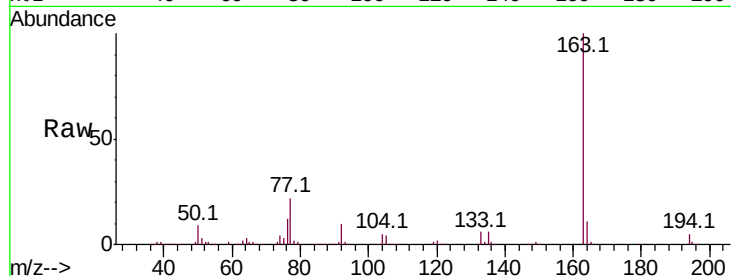
#49
Dimethylphthalate
Concen: 41.745 ng
RT: 14.15 min Scan# 1849
Delta R.T. -0.00 min
Lab File: BG036364.D
Acq: 23 Aug 2018 5:03

Instrument :
BNA_G
ClientSampleId :
PB112219BSD

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	4.9	4.0	6.0
164	10.8	8.1	12.1

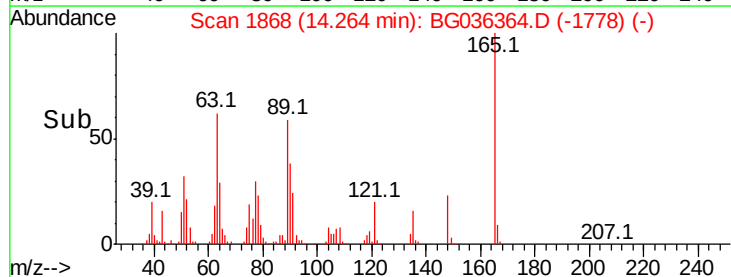
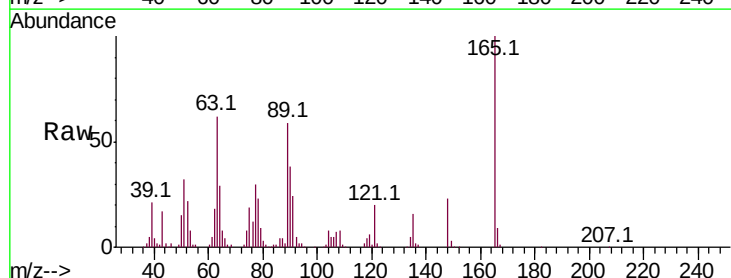
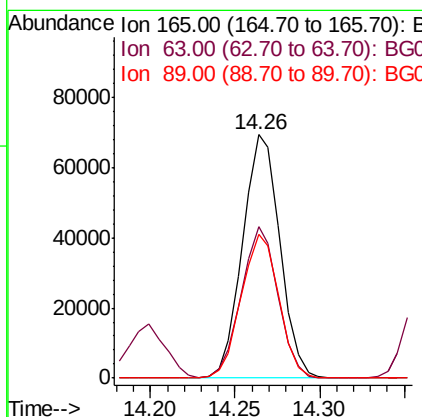
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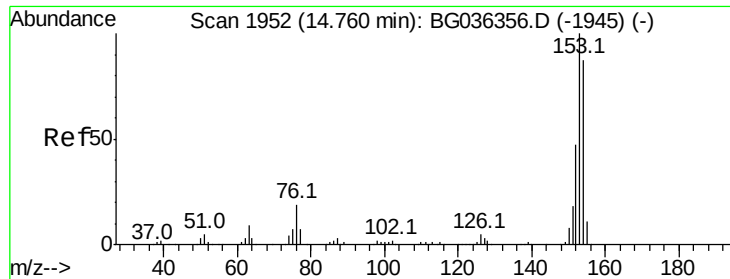
Sohil
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#50
2,6-Dinitrotoluene
Concen: 42.769 ng
RT: 14.26 min Scan# 1868
Delta R.T. -0.00 min
Lab File: BG036364.D
Acq: 23 Aug 2018 5:03

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	62.0	50.1	75.1
89	58.8	47.8	71.6





#51

Acenaphthene

Concen: 44.751 ng

RT: 14.76 min Scan# 1953

Delta R.T. 0.00 min

Lab File: BG036364.D

Acq: 23 Aug 2018 5:03

Instrument :

BNA_G

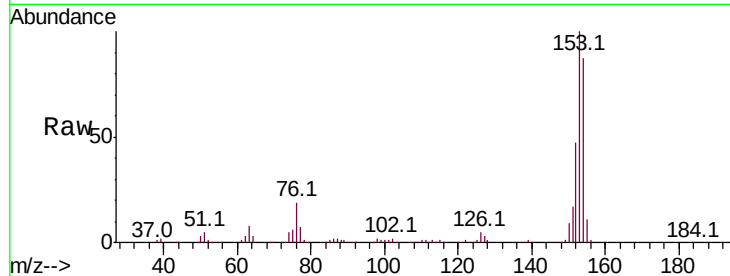
ClientSampleId :

PB112219BSD

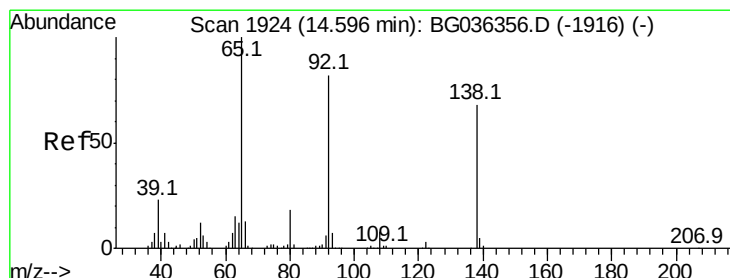
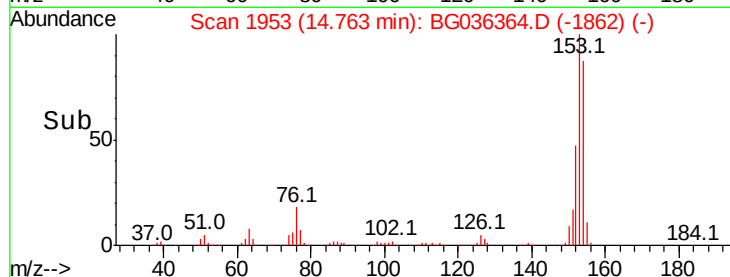
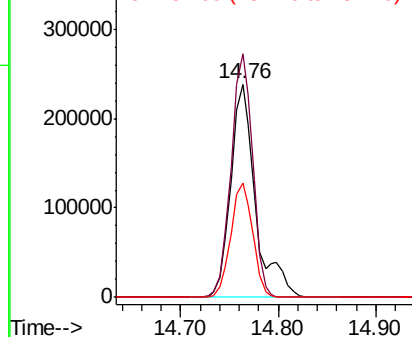
Tot Ion:	154	Resp:	421150
Ion Ratio	Lower	Upper	
154	100		
153	114.3	91.8	137.6
152	53.6	43.5	65.3

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 33.855 ng

RT: 14.59 min Scan# 1924

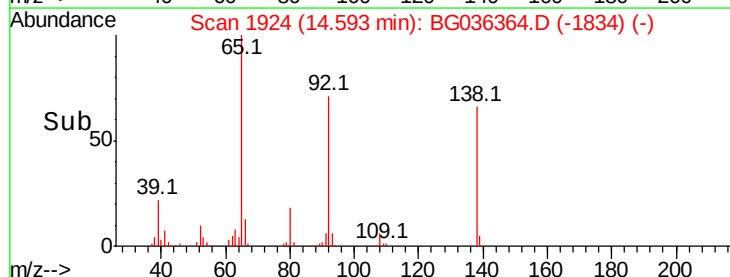
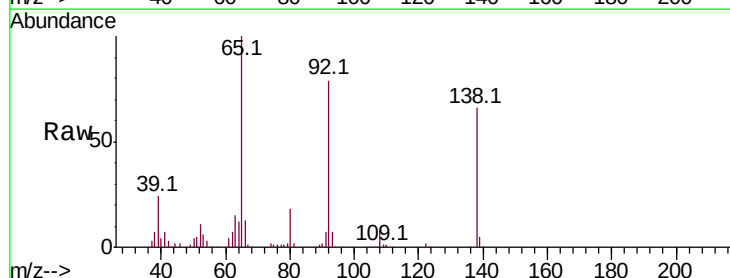
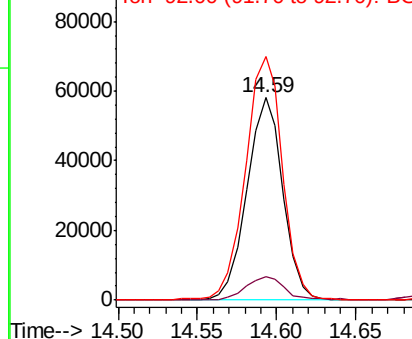
Delta R.T. -0.00 min

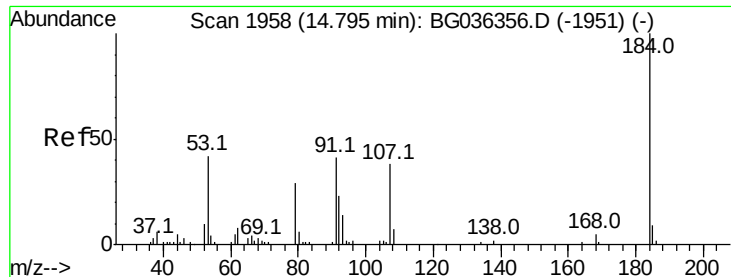
Lab File: BG036364.D

Acq: 23 Aug 2018 5:03

Tgt Ion:	138	Resp:	90955
Ion Ratio	Lower	Upper	
138	100		
108	11.7	9.4	14.2
92	120.3	96.8	145.2

Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGO





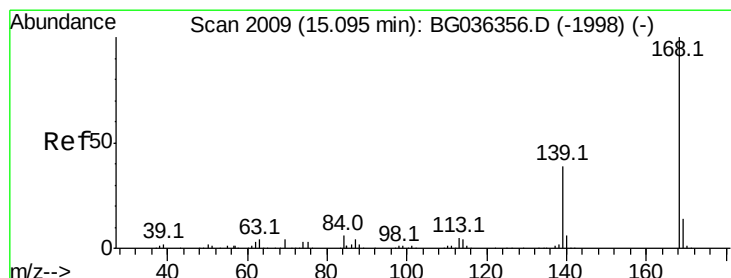
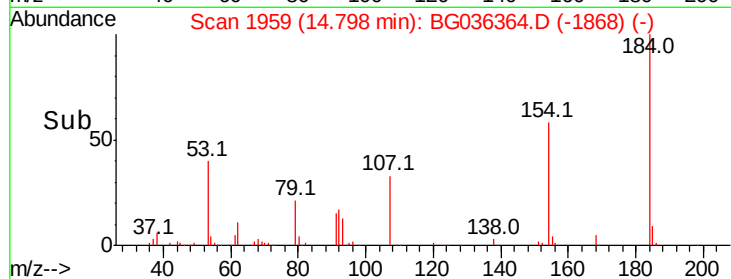
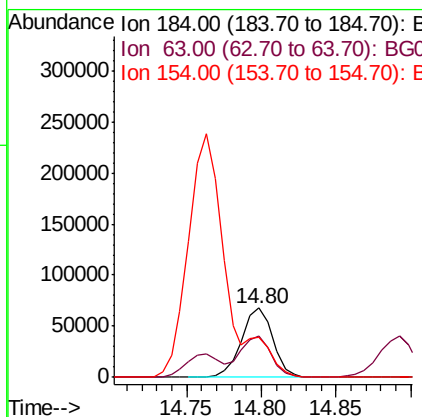
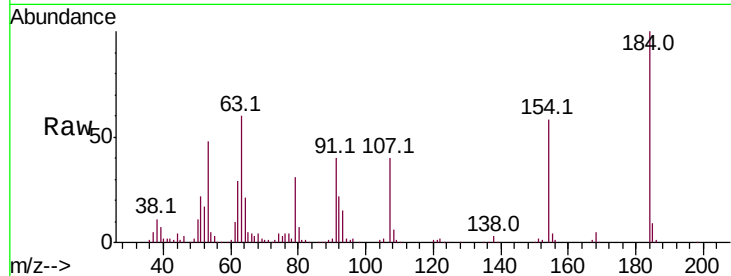
#53
2,4-Dinitrophenol
Concen: 104.932 ng
RT: 14.80 min Scan# 1959
Delta R.T. 0.00 min
Lab File: BG036364.D
Acq: 23 Aug 2018 5:03

Instrument :
BNA_G
ClientSampleId :
PB112219BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	59.8	47.3	70.9
154	58.1	51.1	76.7

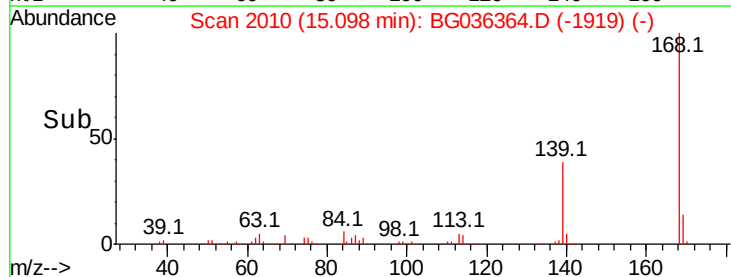
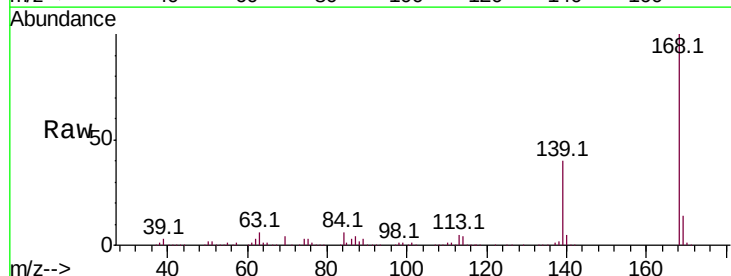
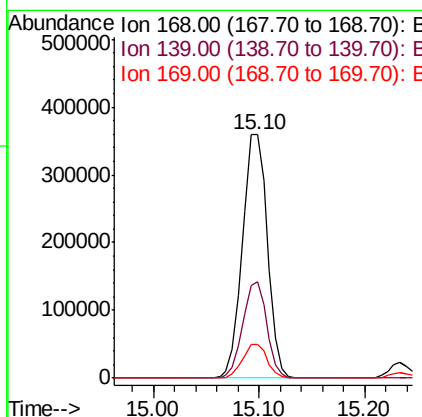
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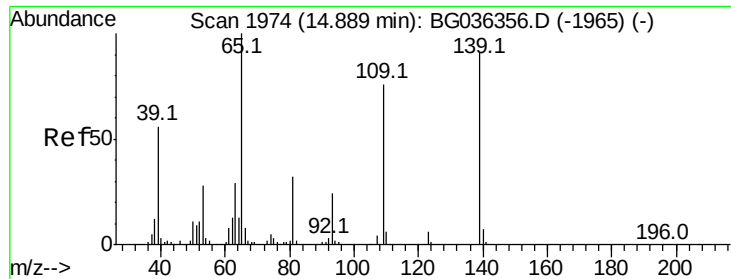
Sohil
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#54
Dibenzofuran
Concen: 39.922 ng
RT: 15.10 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BG036364.D
Acq: 23 Aug 2018 5:03

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.5	31.0	46.6
169	13.9	11.1	16.7





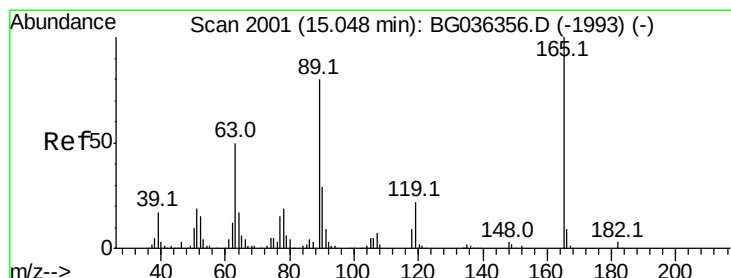
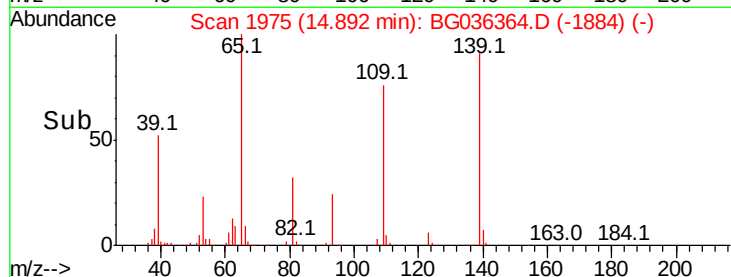
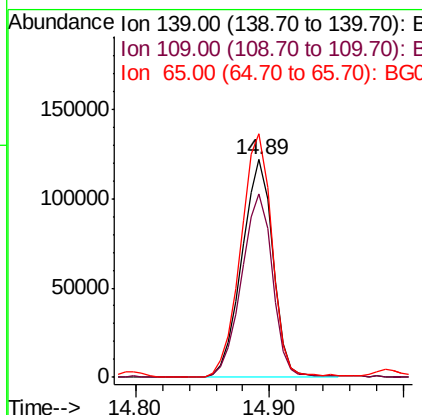
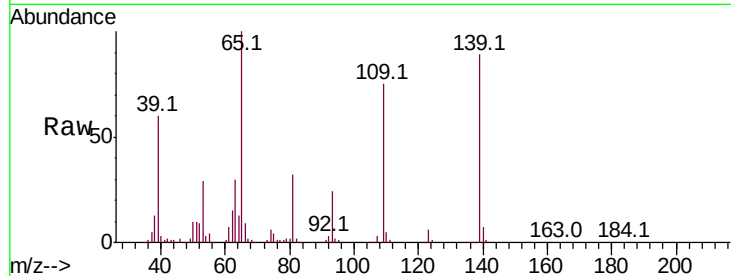
#55
4-Nitrophenol
Concen: 89.146 ng
RT: 14.89 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG036364.D
Acq: 23 Aug 2018 5:03

Instrument :
BNA_G
ClientSampleId :
PB112219BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	195821		
109	84.2	63.9	103.9	
65	111.8	90.0	130.0	

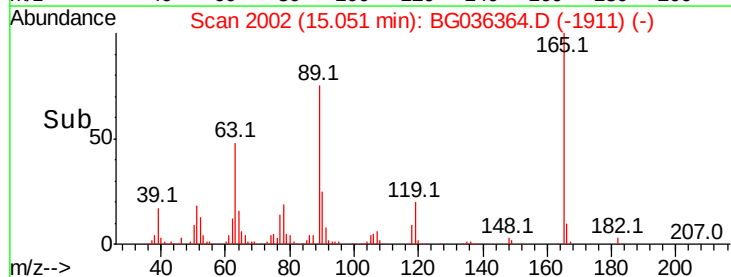
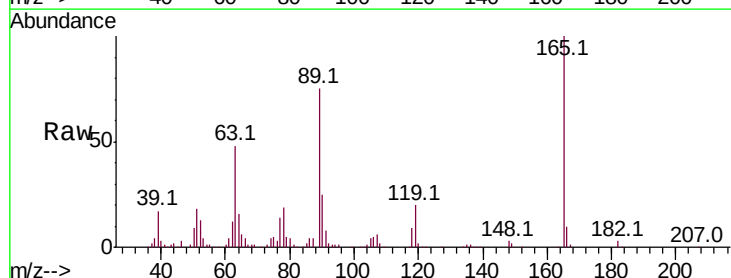
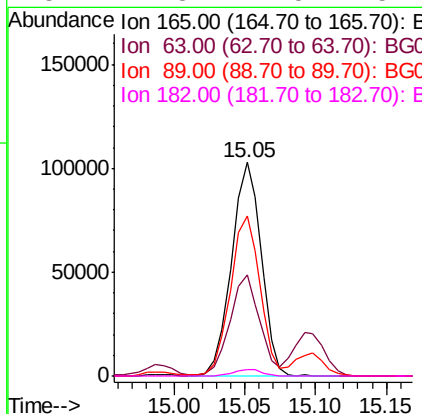
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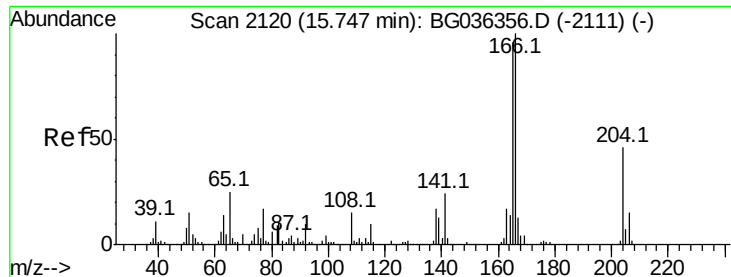
Sohil
8/23/2018 6:34:46 PM



#56
2,4-Dinitrotoluene
Concen: 46.352 ng
RT: 15.05 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BG036364.D
Acq: 23 Aug 2018 5:03

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	150605		
63	47.7	40.1	60.1	
89	74.8	63.7	95.5	
182	2.8	2.5	3.7	





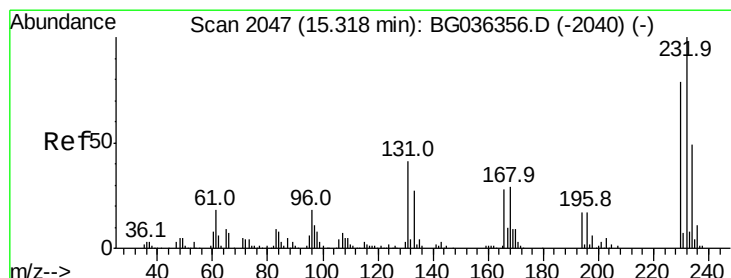
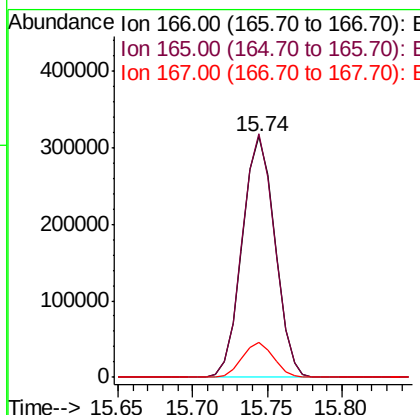
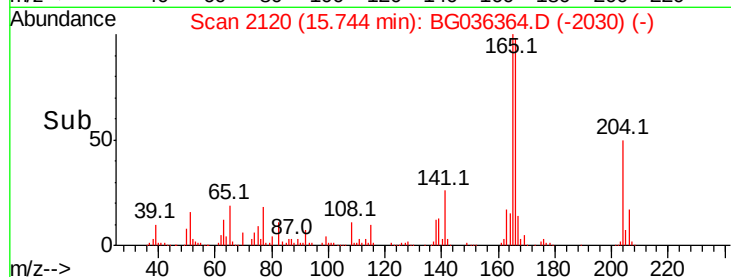
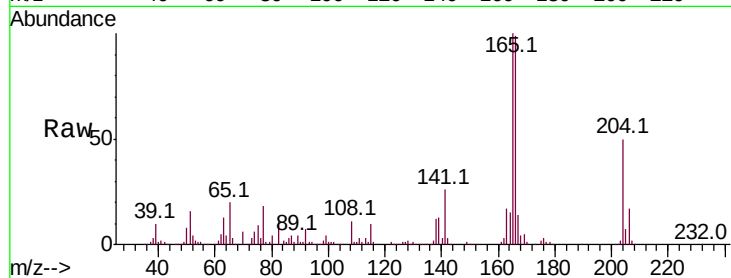
#57
 Fluorene
 Concen: 43.349 ng
 RT: 15.74 min Scan# 2120
 Delta R.T. -0.00 min
 Lab File: BG036364.D
 Acq: 23 Aug 2018 5:03

Instrument :
 BNA_G
 ClientSampleId :
 PB112219BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	477785		
165	101.1	77.0	115.4	
167	14.5	10.6	16.0	

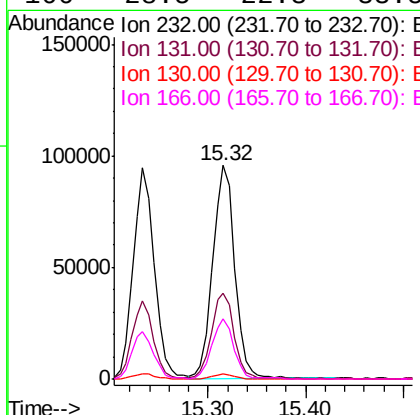
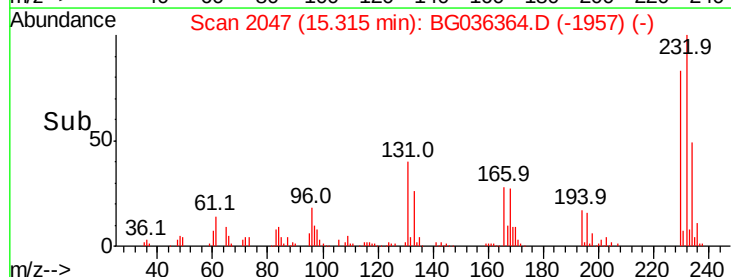
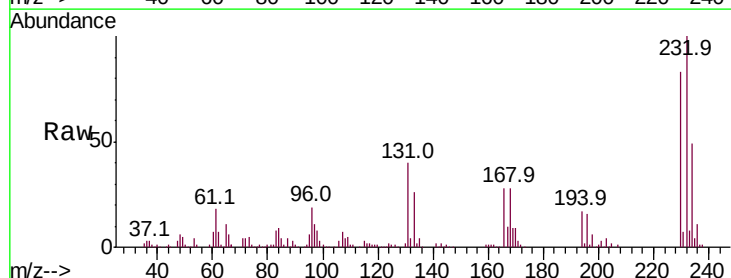
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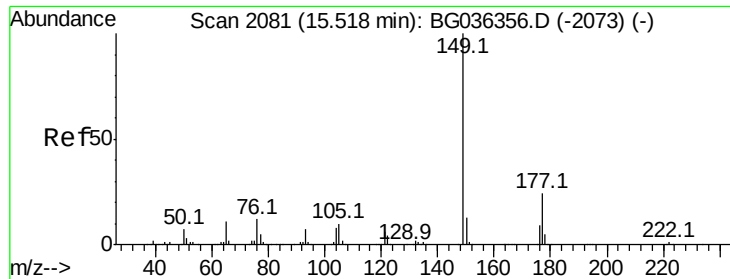
Sohil
 8/23/2018 6:34:46 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.777 ng
 RT: 15.32 min Scan# 2047
 Delta R.T. -0.00 min
 Lab File: BG036364.D
 Acq: 23 Aug 2018 5:03

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	149936		
231	41.3	33.8	50.8	
130	2.3	2.1	3.1	
166	28.5	22.3	33.5	





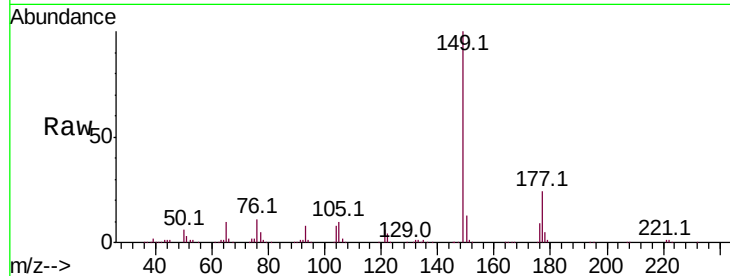
#59
Diethylphthalate
Concen: 42.214 ng
RT: 15.52 min Scan# 2082
Delta R.T. 0.00 min
Lab File: BG036364.D
Acq: 23 Aug 2018 5:03

Instrument :
BNA_G
ClientSampleId :
PB112219BSD

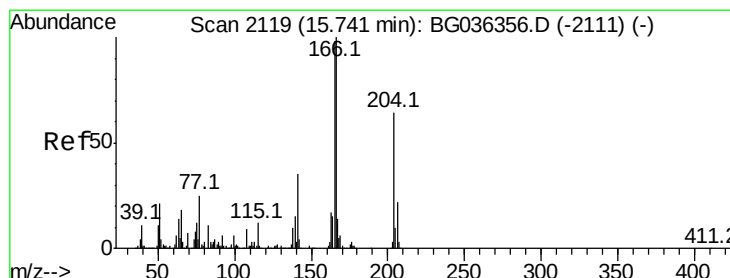
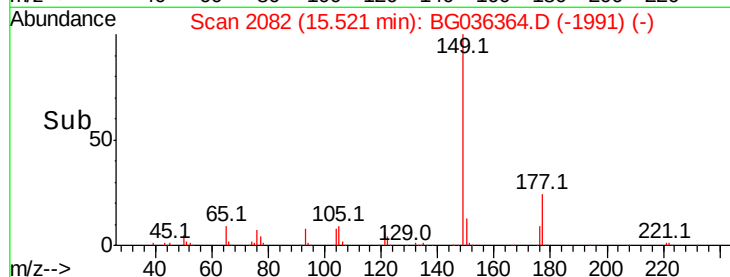
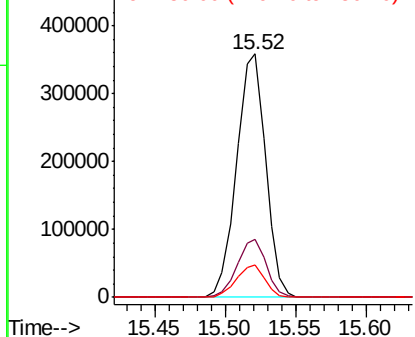
Tot Ion	Ratio	Resp	Lower	Upper
149	100	515430		
177	24.1	19.1	28.7	
150	13.3	10.7	16.1	

Manual Integrations
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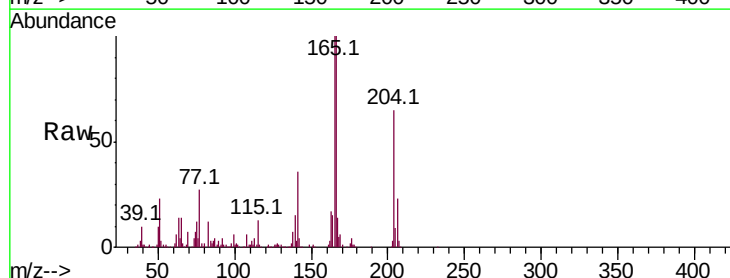


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

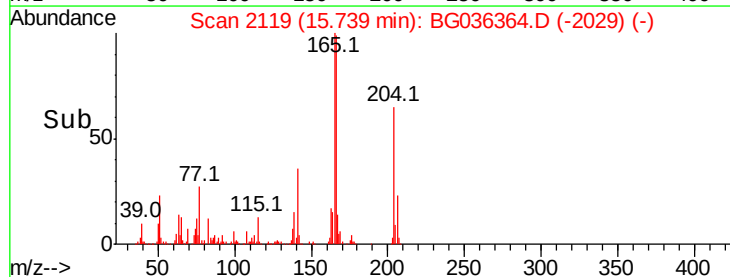
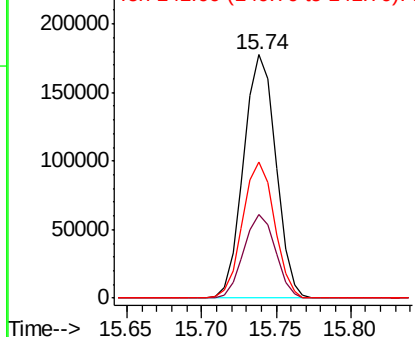


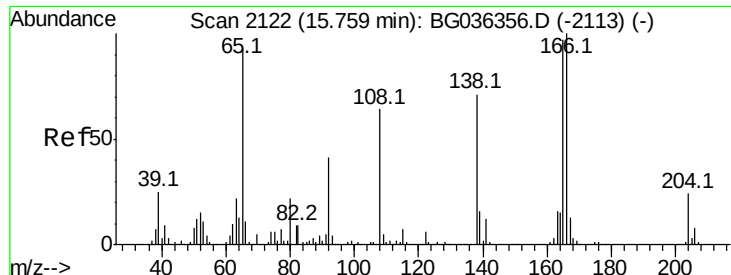
#60
4-Chlorophenyl-phenylether
Concen: 39.048 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.00 min
Lab File: BG036364.D
Acq: 23 Aug 2018 5:03

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	265758		
206	34.5	27.0	40.4	
141	55.8	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





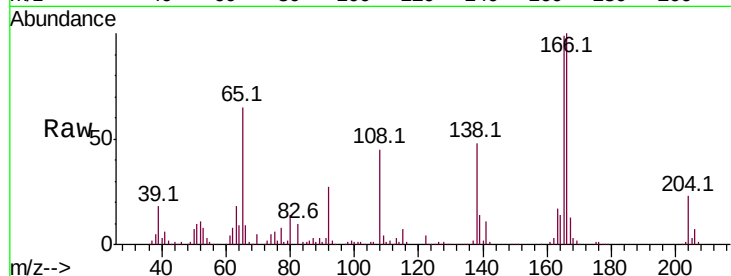
#61
4-Nitroaniline
Concen: 43.916 ng
RT: 15.76 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BG036364.D
Acq: 23 Aug 2018 5:03

Instrument :
BNA_G
ClientSampled :
PB112219BSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	123462		
92	56.2	38.5	78.5	
108	92.7	70.3	110.3	

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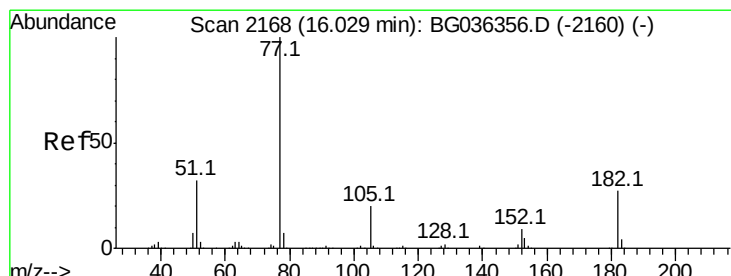
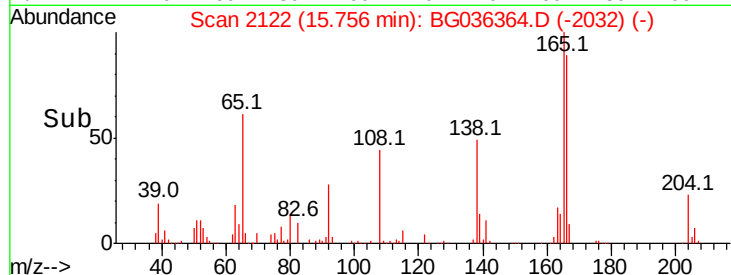
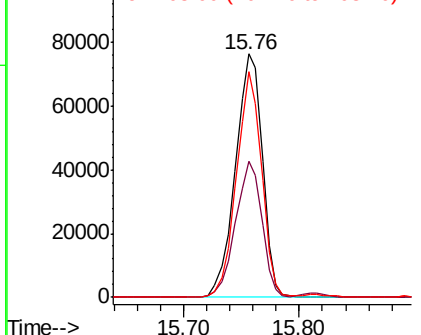


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E



#62
Azobenzene
Concen: 40.977 ng
RT: 16.03 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BG036364.D
Acq: 23 Aug 2018 5:03

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	509062		
182	26.4	6.7	46.7	
105	19.3	0.0	39.8	
51	32.0	12.4	52.4	

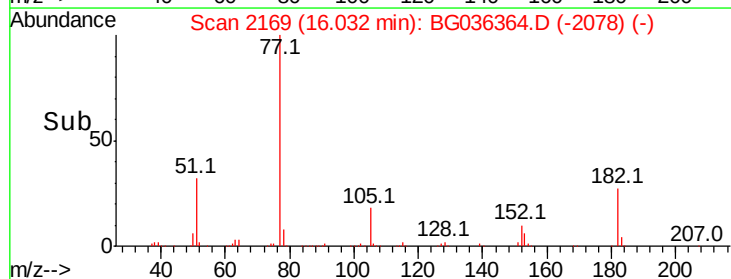
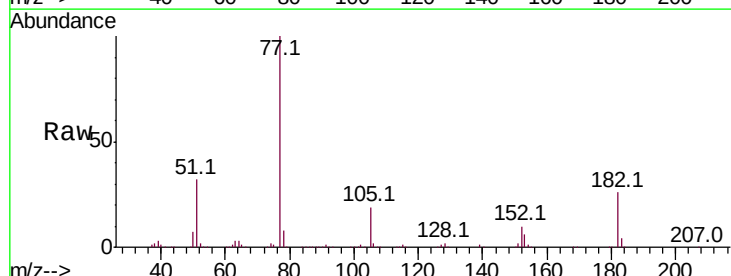
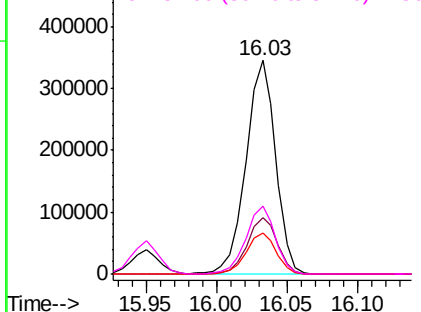
Abundance

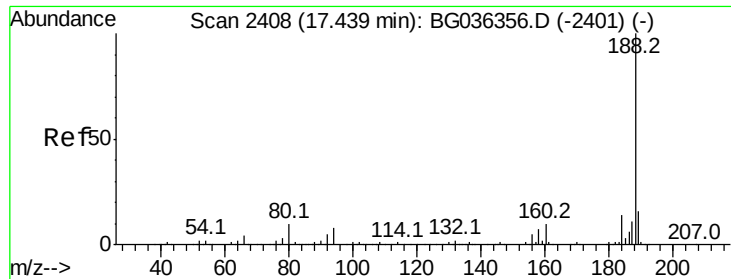
Ion 77.00 (76.70 to 77.70): BG

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG





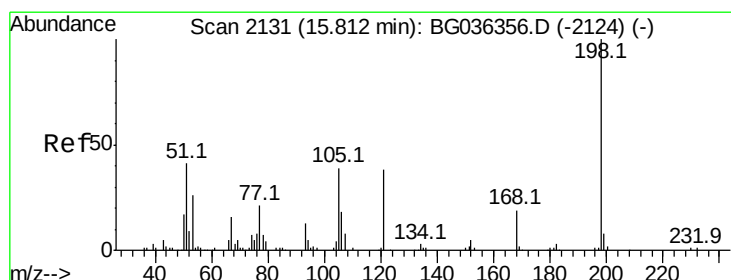
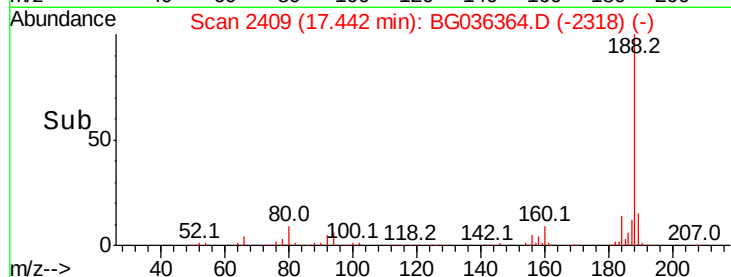
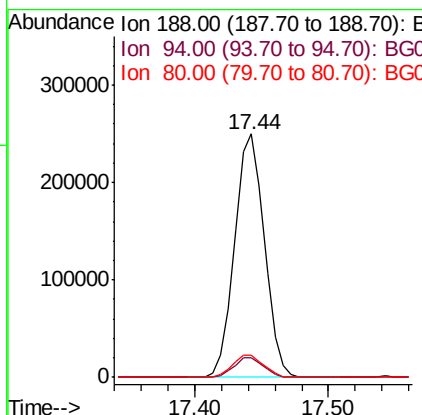
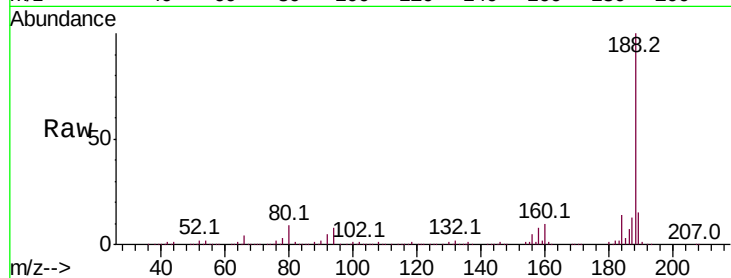
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2409
Delta R.T. 0.00 min
Lab File: BG036364.D
Acq: 23 Aug 2018 5:03

Instrument :
BNA_G
ClientSampleId :
PB112219BSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	7.9	6.7	10.1	
80	9.0	8.1	12.1	

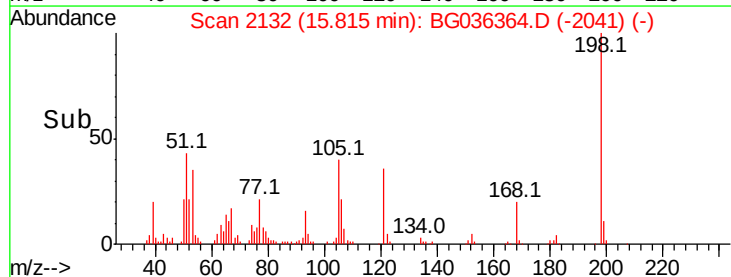
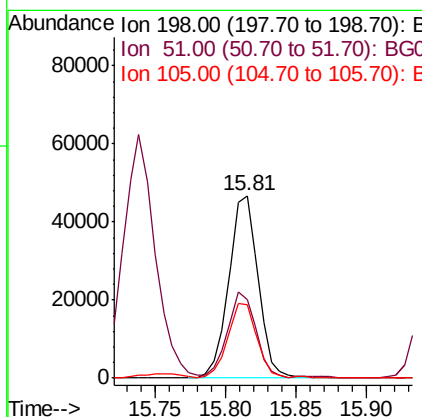
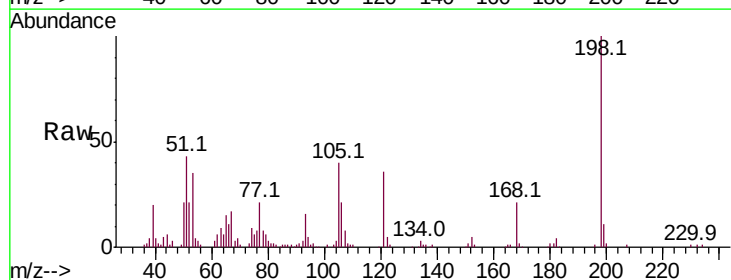
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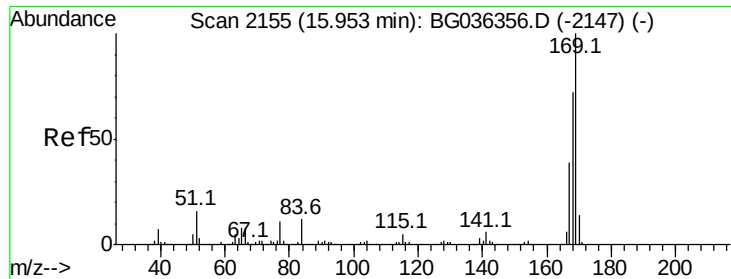
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#64
4,6-Dinitro-2-methylphenol
Concen: 39.988 ng
RT: 15.81 min Scan# 2132
Delta R.T. 0.00 min
Lab File: BG036364.D
Acq: 23 Aug 2018 5:03

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	43.1	26.5	66.5	
105	40.4	20.2	60.2	





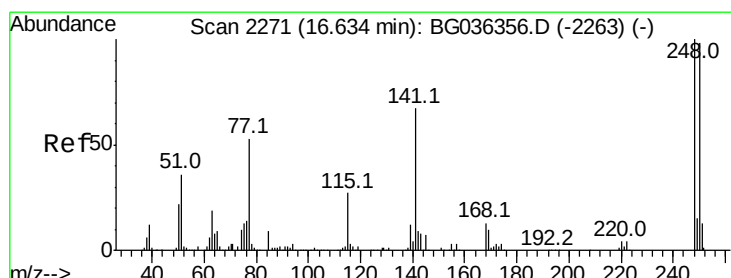
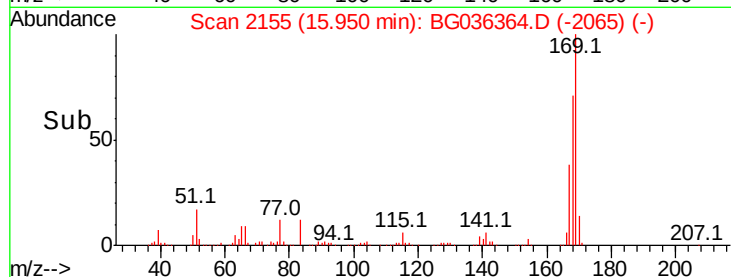
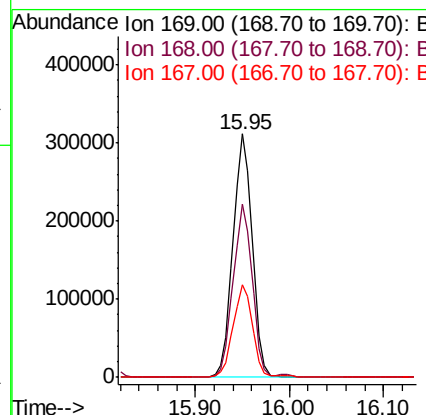
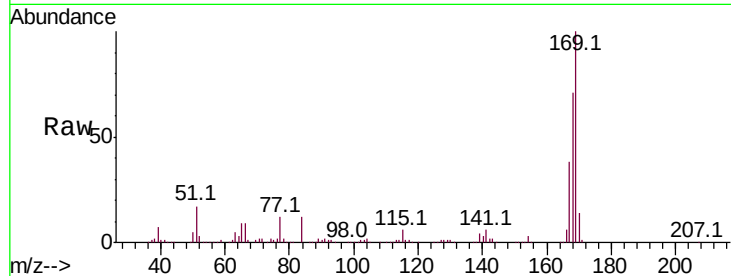
#65
 n-Nitrosodiphenylamine
 Concen: 38.553 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. -0.00 min
 Lab File: BG036364.D
 Acq: 23 Aug 2018 5:03

Instrument :
 BNA_G
 ClientSampleId :
 PB112219BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	71.0	57.6	86.4	
167	37.8	31.0	46.4	

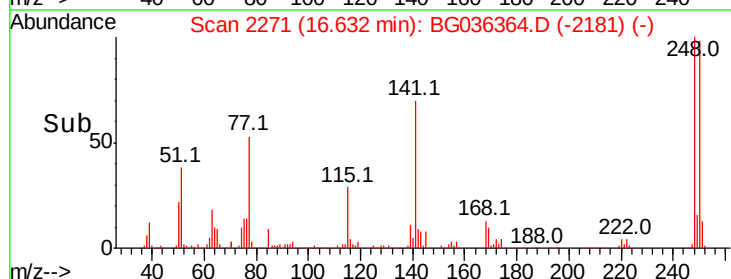
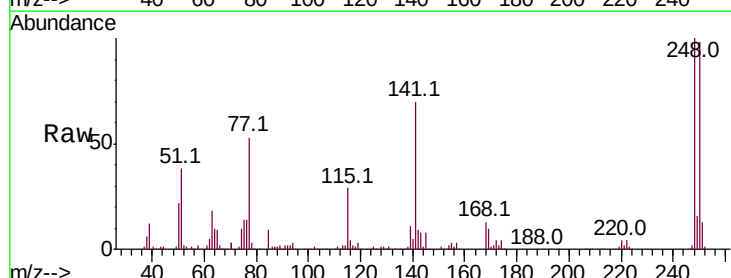
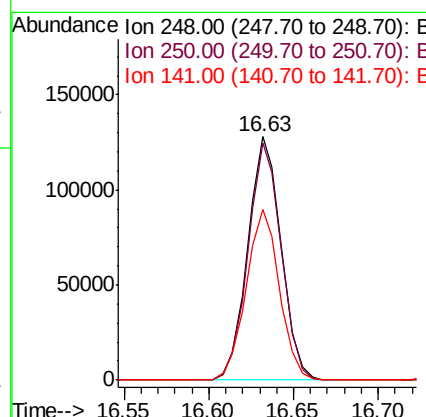
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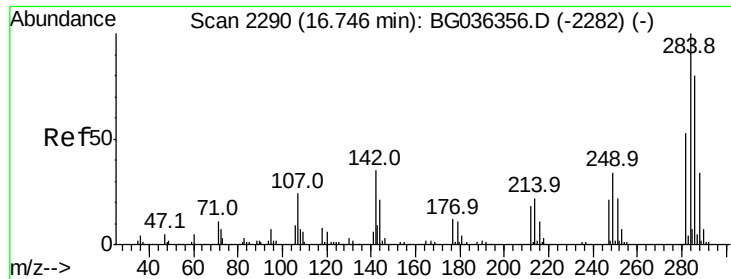
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#66
 4-Bromophenyl-phenylether
 Concen: 38.742 ng
 RT: 16.63 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: BG036364.D
 Acq: 23 Aug 2018 5:03

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	97.6	78.1	117.1	
141	70.3	53.7	80.5	





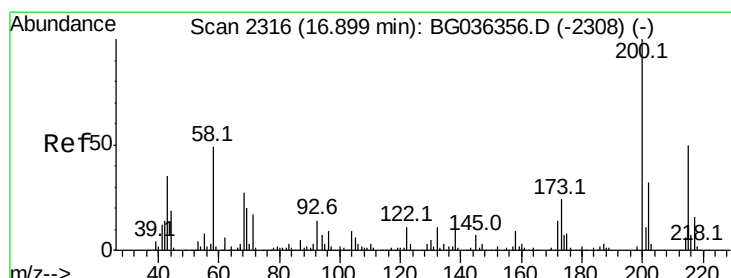
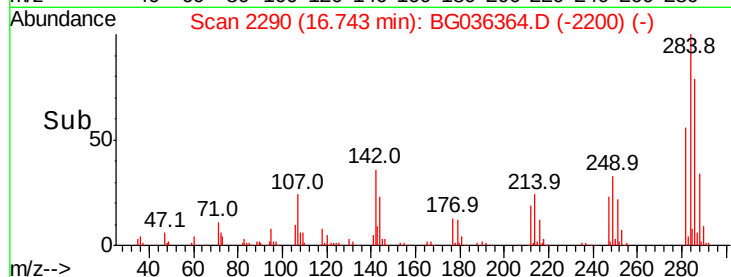
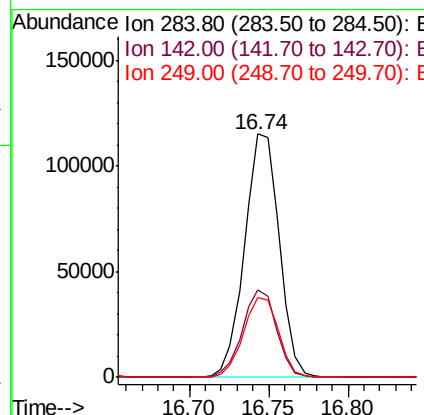
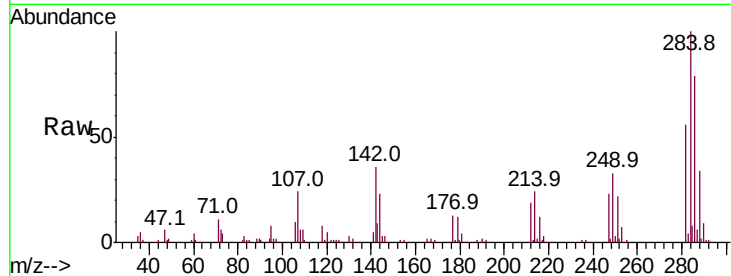
#67
Hexachlorobenzene
Concen: 37.732 ng
RT: 16.74 min Scan# 2290
Delta R.T. -0.00 min
Lab File: BG036364.D
Acq: 23 Aug 2018 5:03

Instrument :
BNA_G
ClientSampleId :
PB112219BSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	174329		
142	35.7	27.8	41.6	
249	32.6	27.4	41.2	

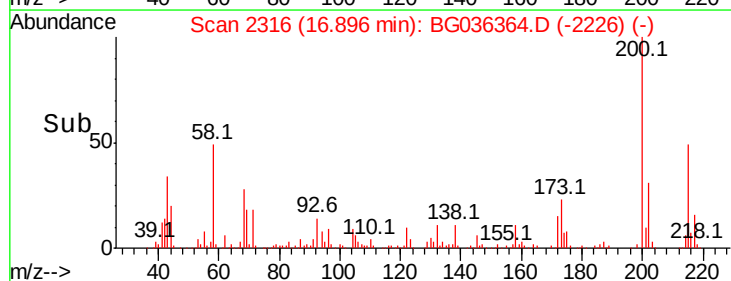
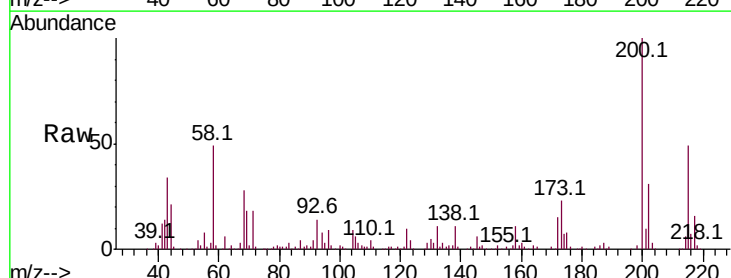
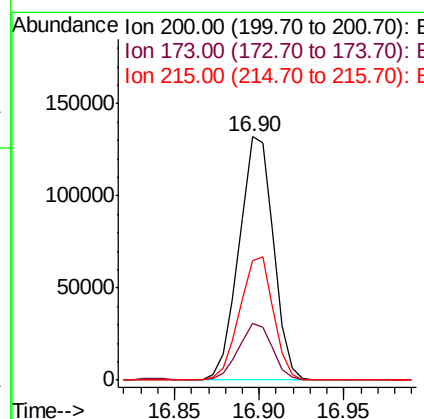
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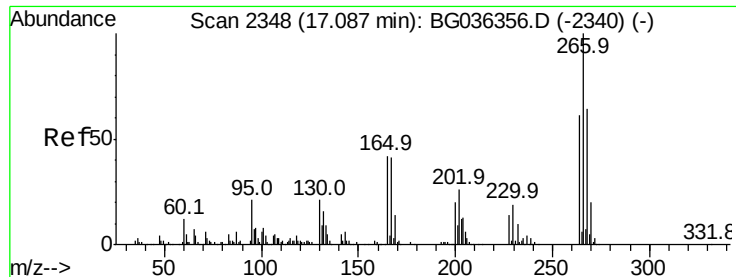
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#68
Atrazine
Concen: 43.469 ng
RT: 16.90 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BG036364.D
Acq: 23 Aug 2018 5:03

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	187096		
173	23.1	3.9	43.9	
215	48.9	30.4	70.4	





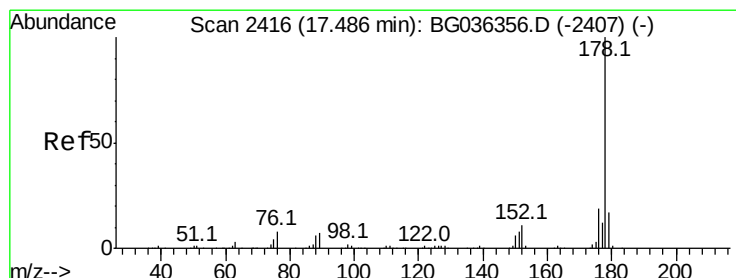
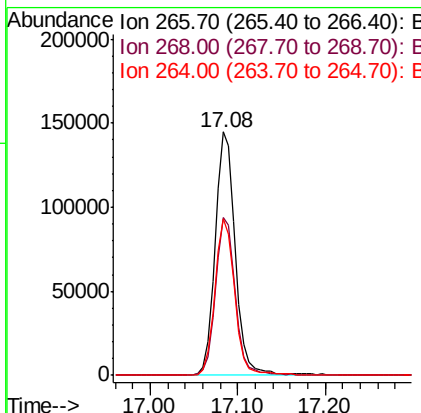
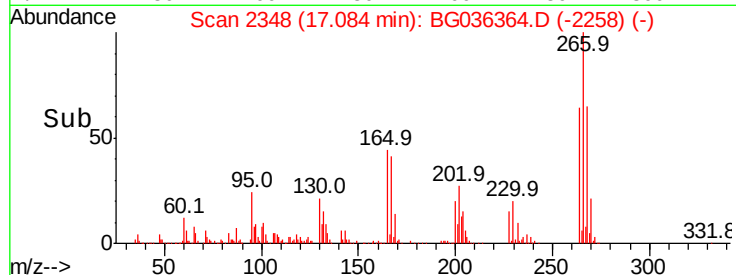
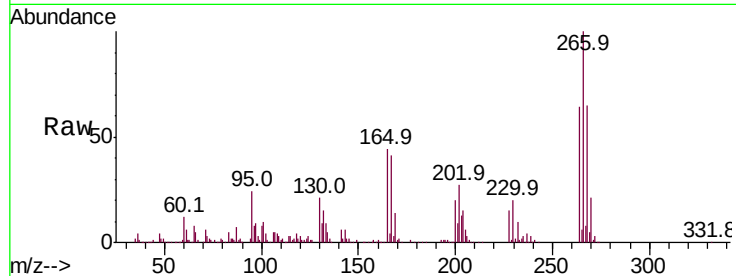
#69
 Pentachlorophenol
 Concen: 73.737 ng
 RT: 17.08 min Scan# 2348
 Delta R.T. -0.00 min
 Lab File: BG036364.D
 Acq: 23 Aug 2018 5:03

Instrument :
 BNA_G
 ClientSampleId :
 PB112219BSD

Tot Ion:	266	Resp:	231536
Ion Ratio		Lower	Upper
266	100		
268	64.6	51.4	77.2
264	64.4	48.9	73.3

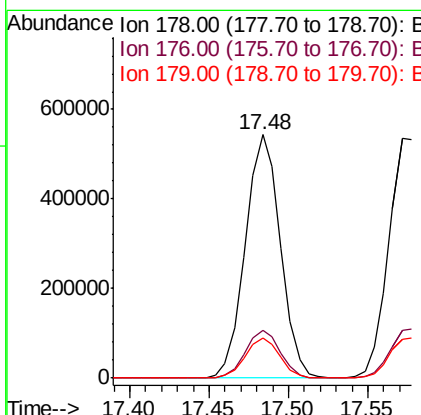
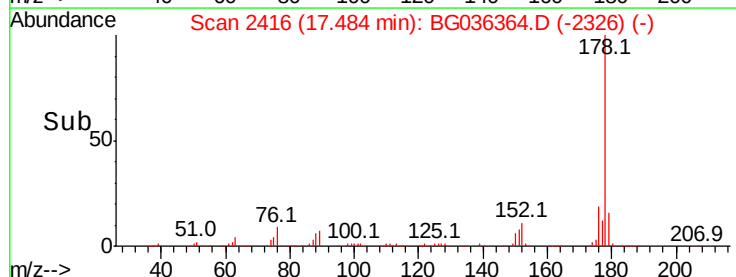
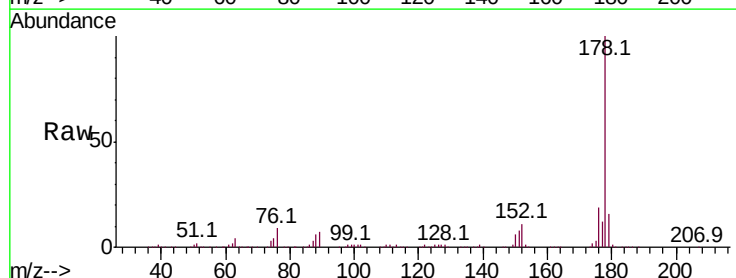
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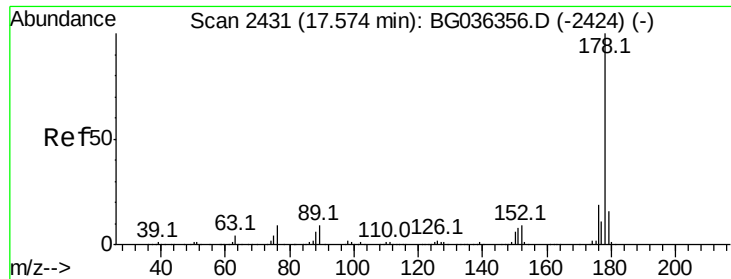
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#70
 Phenanthrene
 Concen: 42.482 ng
 RT: 17.48 min Scan# 2416
 Delta R.T. -0.00 min
 Lab File: BG036364.D
 Acq: 23 Aug 2018 5:03

Tgt Ion:	178	Resp:	833057
Ion Ratio		Lower	Upper
178	100		
176	19.5	15.4	23.2
179	16.4	13.4	20.2





#71

Anthracene

Concen: 42.957 ng

RT: 17.57 min Scan# 2431

Delta R.T. -0.00 min

Lab File: BG036364.D

Acq: 23 Aug 2018 5:03

Instrument :

BNA_G

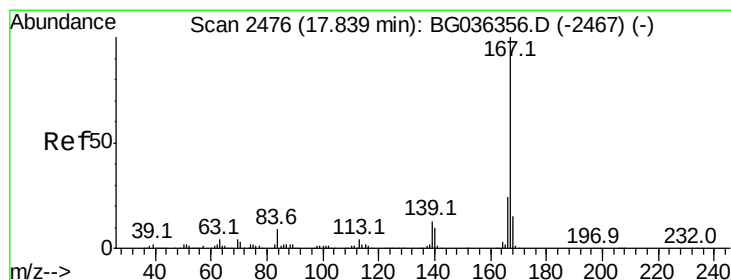
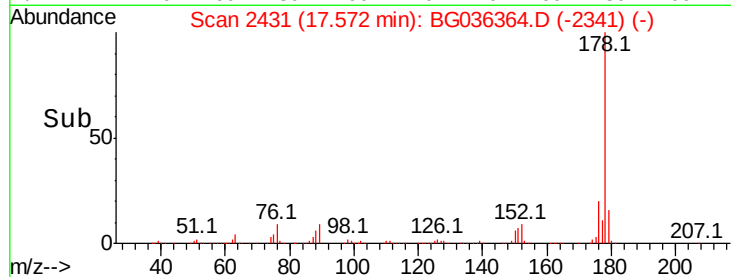
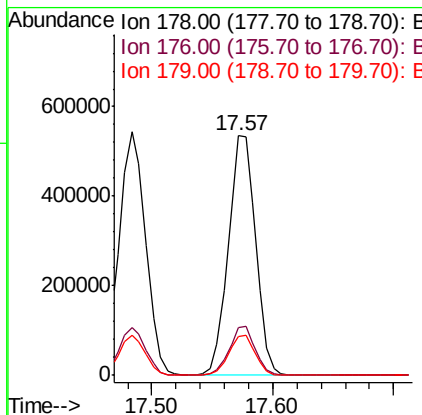
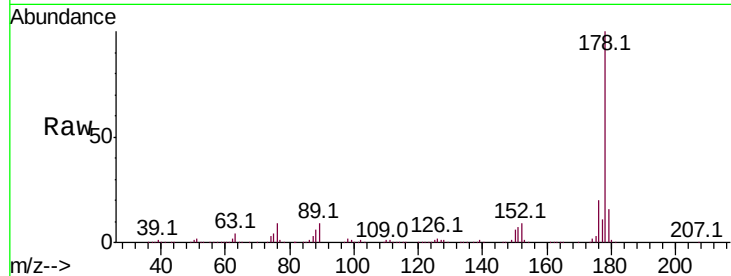
ClientSampleId :

PB112219BSD

Tot Ion:	178	Resp:	839704
Ion Ratio	Lower	Upper	
178	100		
176	20.0	15.4	23.2
179	16.4	13.0	19.4

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#72

Carbazole

Concen: 39.464 ng

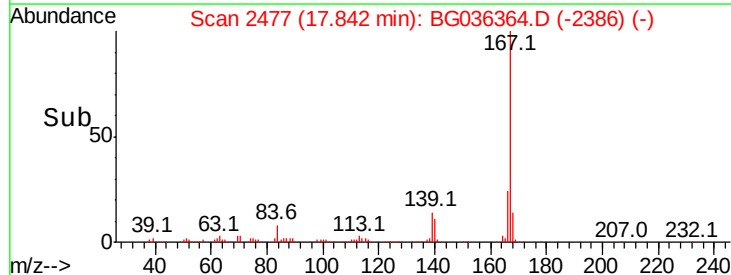
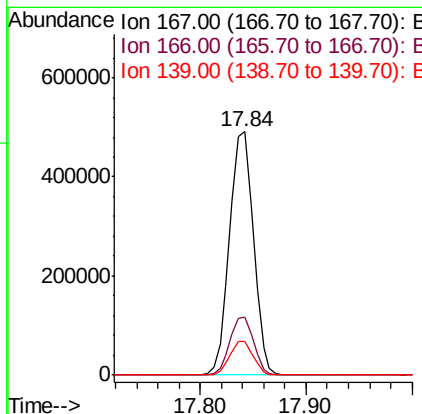
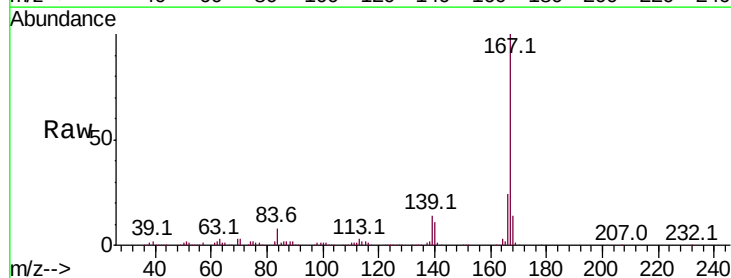
RT: 17.84 min Scan# 2477

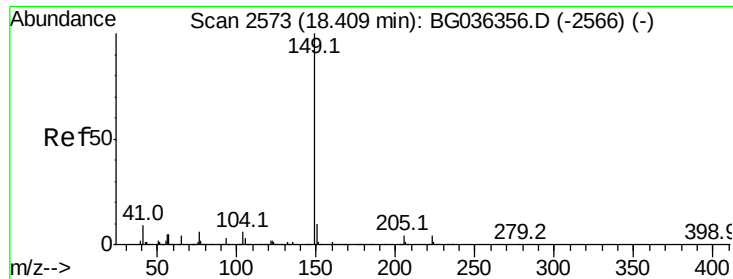
Delta R.T. 0.00 min

Lab File: BG036364.D

Acq: 23 Aug 2018 5:03

Tgt Ion:	167	Resp:	770417
Ion Ratio	Lower	Upper	
167	100		
166	24.1	19.5	29.3
139	13.8	10.7	16.1





#73

Di-n-butylphthalate

Concen: 41.408 ng

RT: 18.41 min Scan# 2574

Delta R.T. 0.00 min

Lab File: BG036364.D

Acq: 23 Aug 2018 5:03

Instrument :

BNA_G

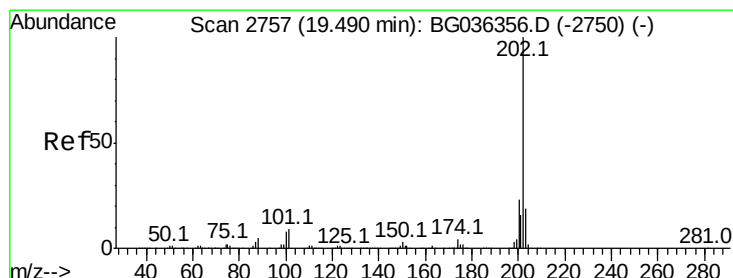
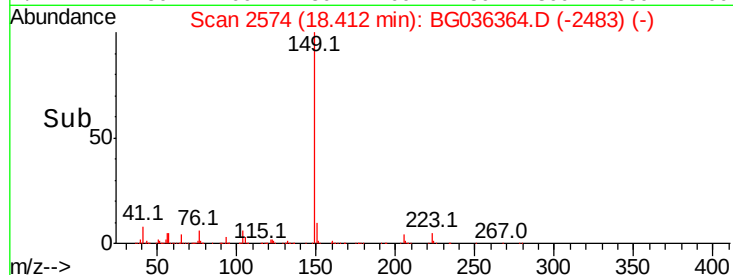
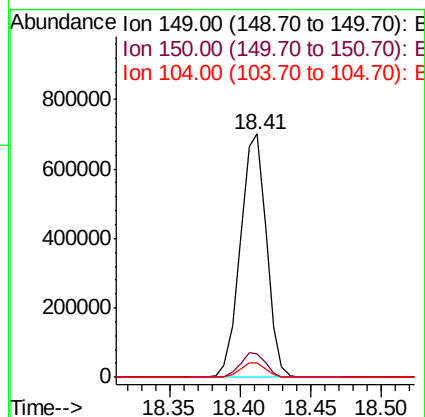
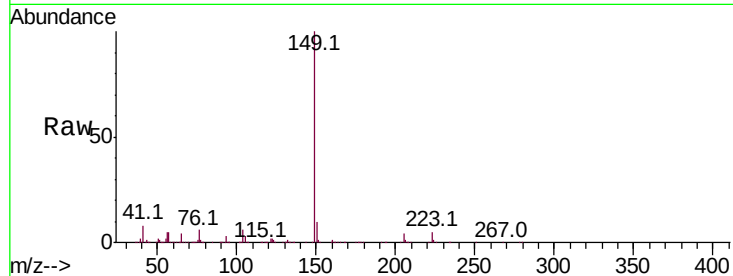
ClientSampleId :

PB112219BSD

Tot Ion:	149	Resp:	900161
Ion Ratio	Lower	Upper	
149	100		
150	9.8	8.1	12.1
104	6.0	4.6	6.8

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#74

Fluoranthene

Concen: 43.782 ng

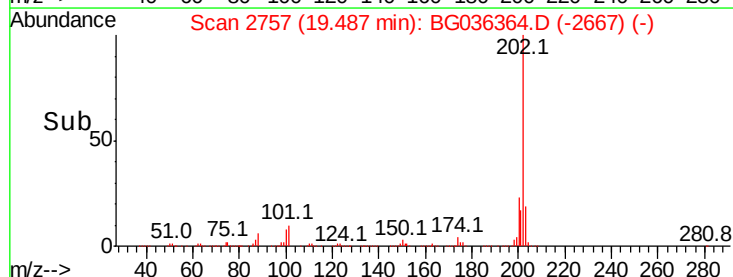
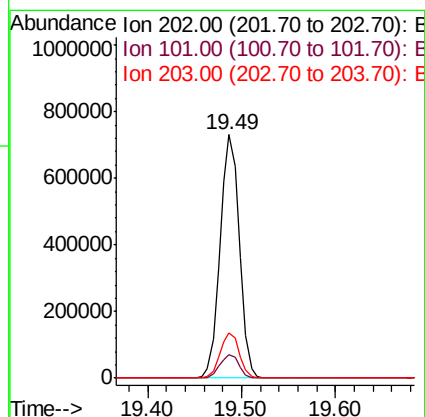
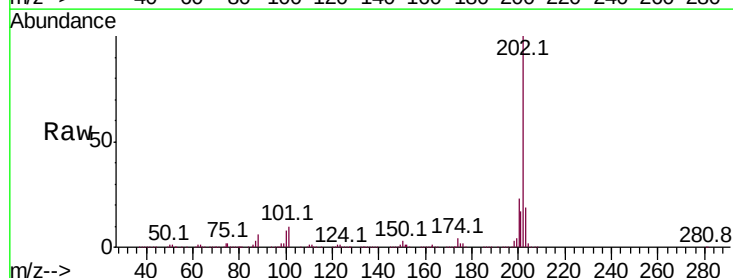
RT: 19.49 min Scan# 2757

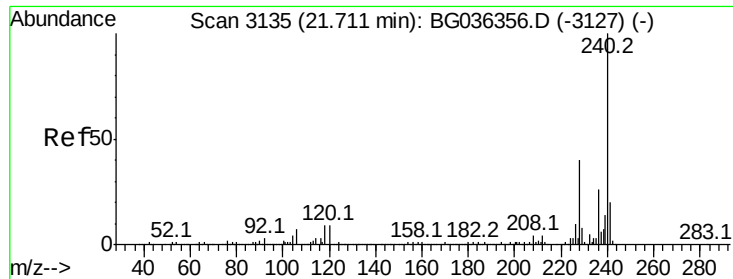
Delta R.T. -0.00 min

Lab File: BG036364.D

Acq: 23 Aug 2018 5:03

Tgt Ion:	202	Resp:	1046754
Ion Ratio	Lower	Upper	
202	100		
101	9.8	0.0	29.4
203	18.8	0.0	38.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.71 min Scan# 3136

Delta R.T. 0.00 min

Lab File: BG036364.D

Acq: 23 Aug 2018 5:03

Instrument :

BNA_G

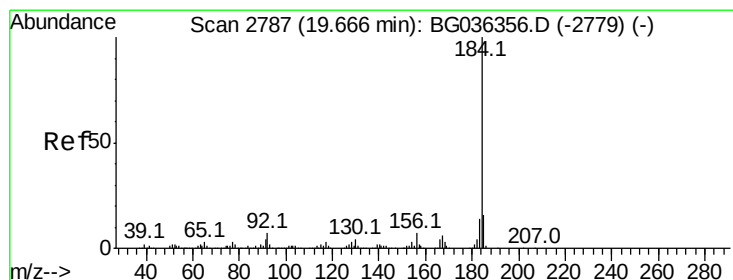
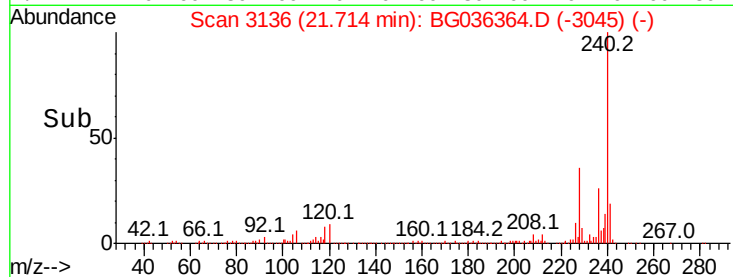
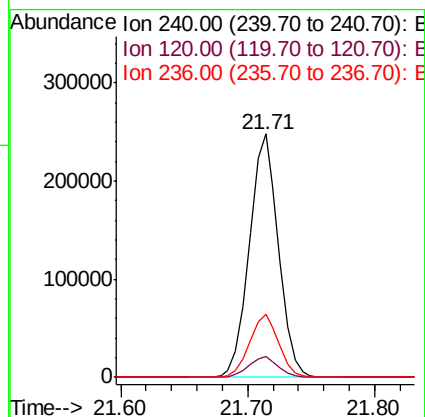
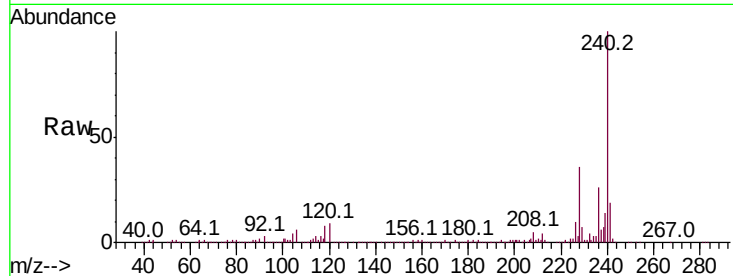
ClientSampleId :

PB112219BSD

Tot Ion:	240	Resp:	395011
Ion Ratio	Lower	Upper	
240	100		
120	8.7	6.9	10.3
236	26.2	21.2	31.8

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#76

Benzidine

Concen: 33.352 ng

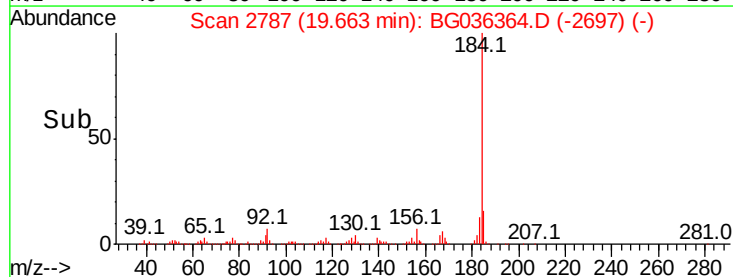
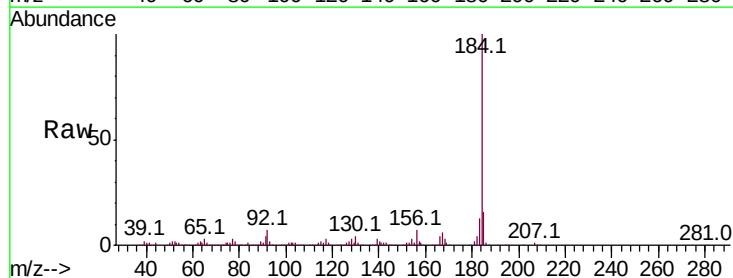
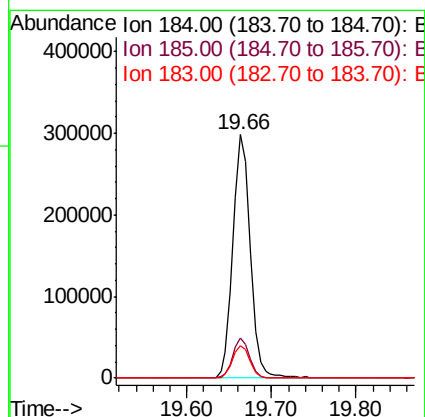
RT: 19.66 min Scan# 2787

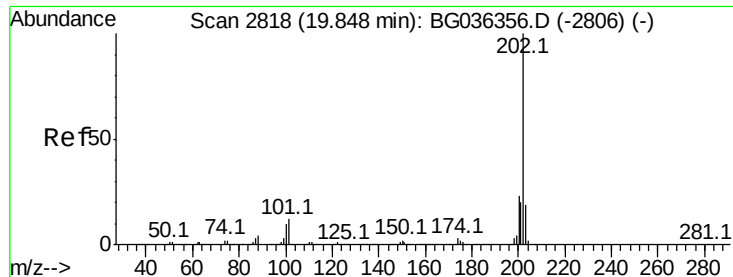
Delta R.T. -0.00 min

Lab File: BG036364.D

Acq: 23 Aug 2018 5:03

Tgt Ion:	184	Resp:	420322
Ion Ratio	Lower	Upper	
184	100		
185	16.4	12.6	18.8
183	13.5	10.9	16.3





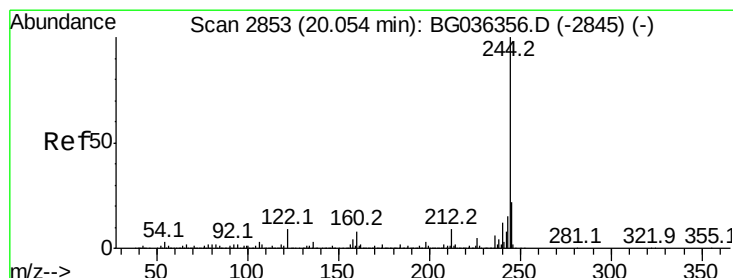
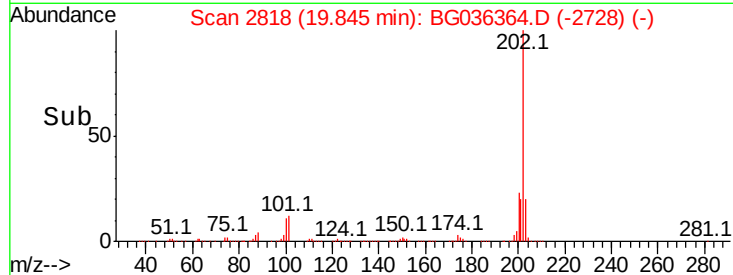
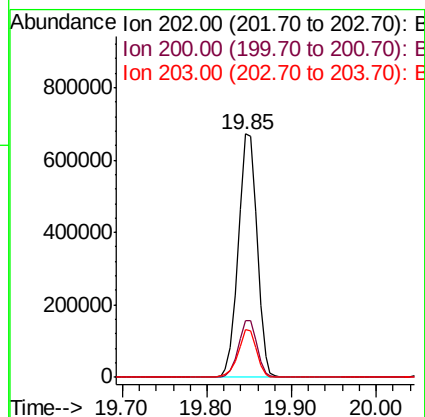
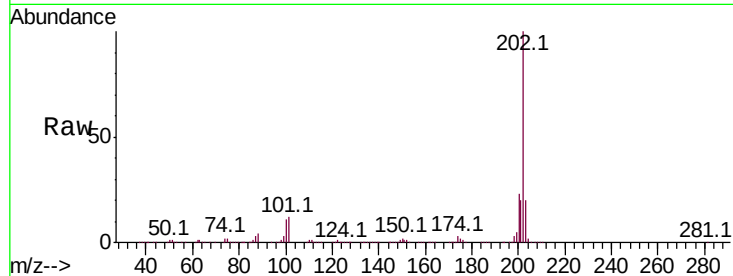
#77
Pvrene
Concen: 41.907 ng
RT: 19.85 min Scan# 2818
Delta R.T. -0.00 min
Lab File: BG036364.D
Acq: 23 Aug 2018 5:03

Instrument :
BNA_G
ClientSampleId :
PB112219BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.1	18.3	27.5
203	19.6	15.1	22.7

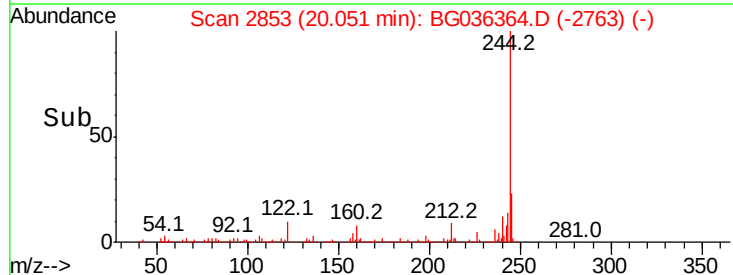
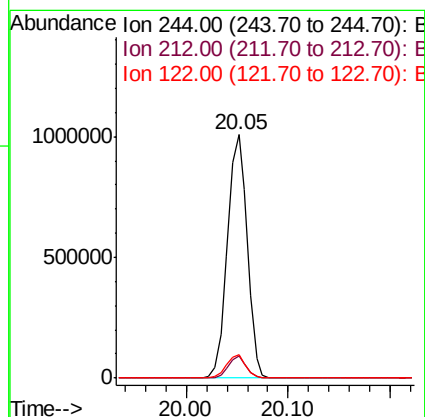
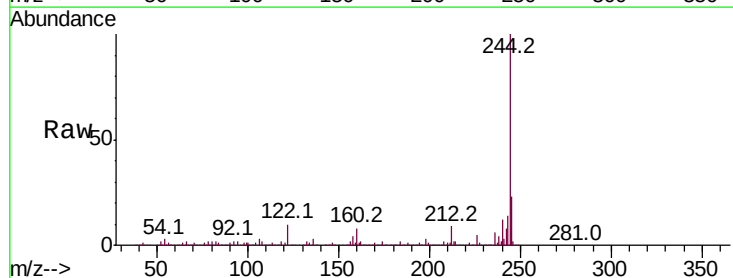
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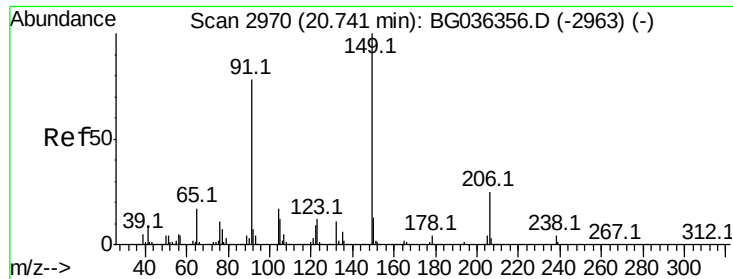
Sohil
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#78
Terphenyl-d14
Concen: 80.669 ng
RT: 20.05 min Scan# 2853
Delta R.T. -0.00 min
Lab File: BG036364.D
Acq: 23 Aug 2018 5:03

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.0	10.6
122	9.8	7.1	10.7





#79

Butylbenzylphthalate

Concen: 42.870 ng

RT: 20.74 min Scan# 2971

Delta R.T. 0.00 min

Lab File: BG036364.D

Acq: 23 Aug 2018 5:03

Instrument :

BNA_G

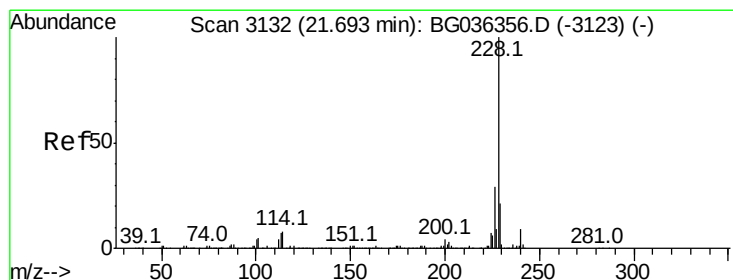
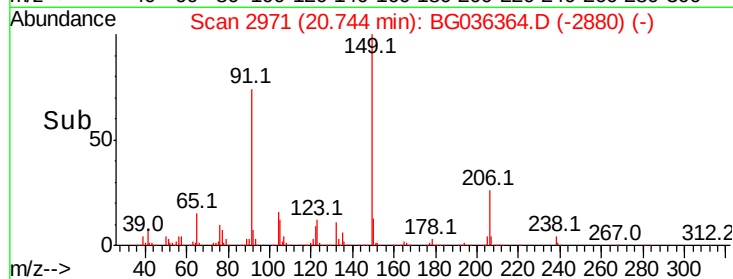
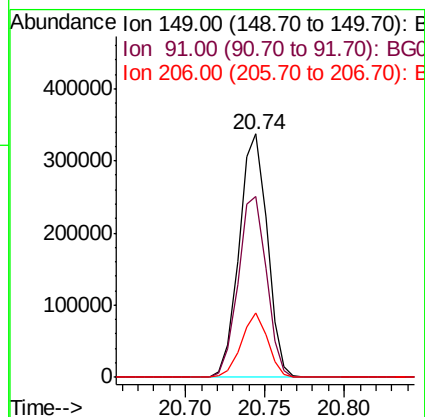
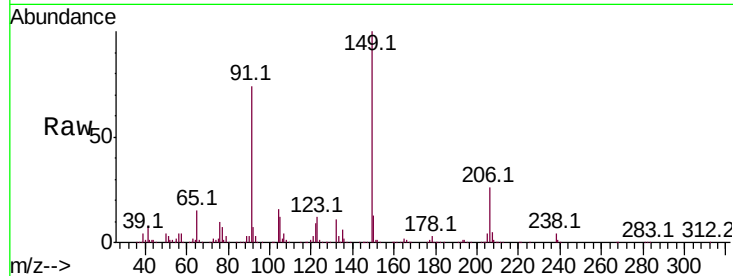
ClientSampleId :

PB112219BSD

Tot Ion:	149	Resp:	414424
Ion Ratio	Lower	Upper	
149	100		
91	74.0	62.0	93.0
206	26.2	19.6	29.4

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#80

Benzo(a)anthracene

Concen: 42.868 ng

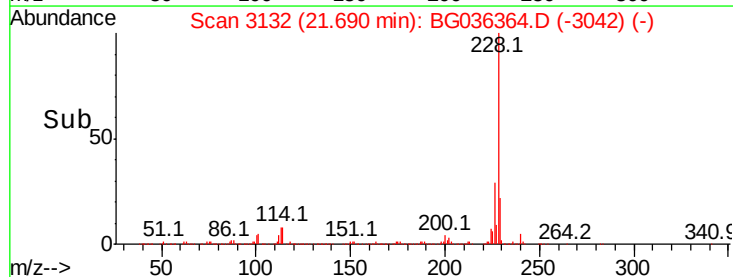
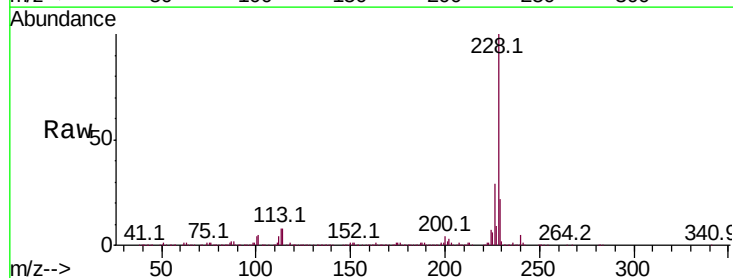
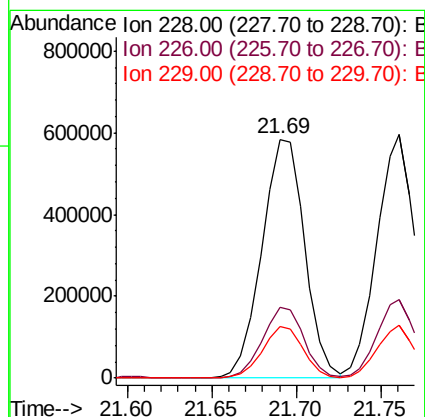
RT: 21.69 min Scan# 3132

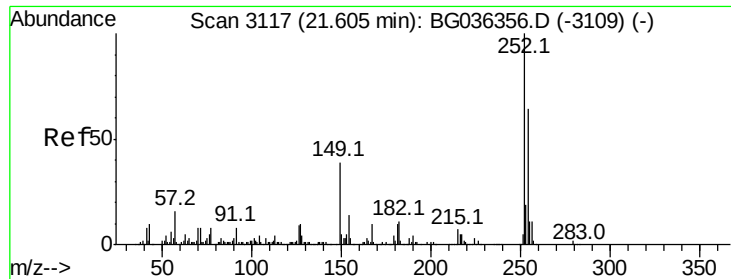
Delta R.T. -0.00 min

Lab File: BG036364.D

Acq: 23 Aug 2018 5:03

Tgt Ion:	228	Resp:	1025847
Ion Ratio	Lower	Upper	
228	100		
226	29.5	23.4	35.2
229	21.5	17.1	25.7





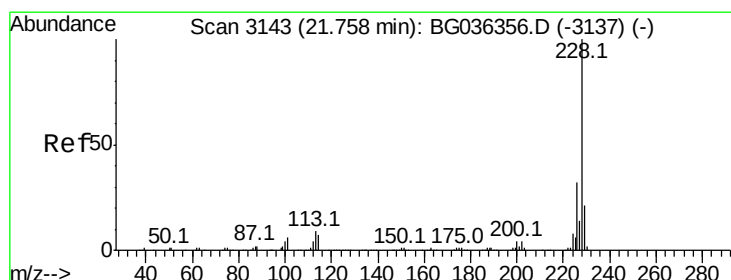
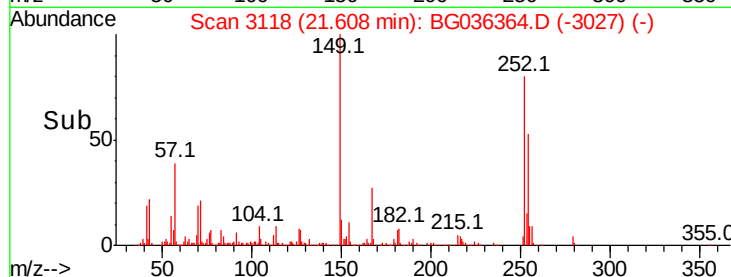
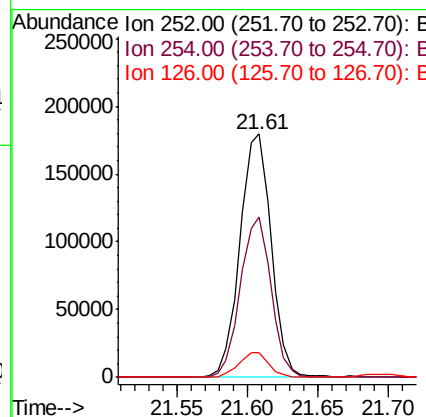
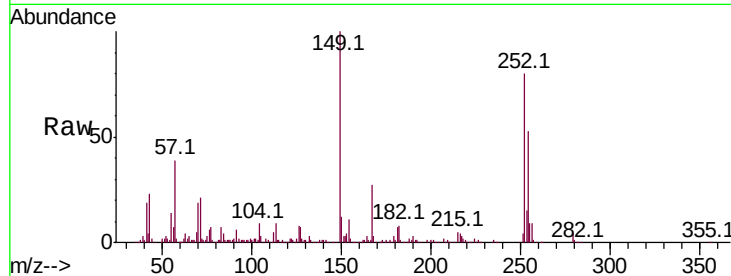
#81
 3,3'-Dichlorobenzidine
 Concen: 29.134 ng
 RT: 21.61 min Scan# 3118
 Delta R.T. 0.00 min
 Lab File: BG036364.D
 Acq: 23 Aug 2018 5:03

Instrument :
 BNA_G
 ClientSampleId :
 PB112219BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.9	51.0	76.4
126	10.0	7.4	11.0

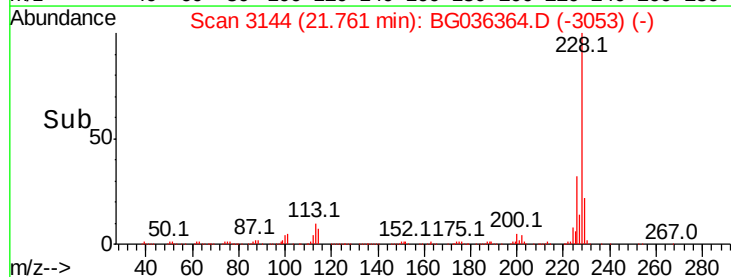
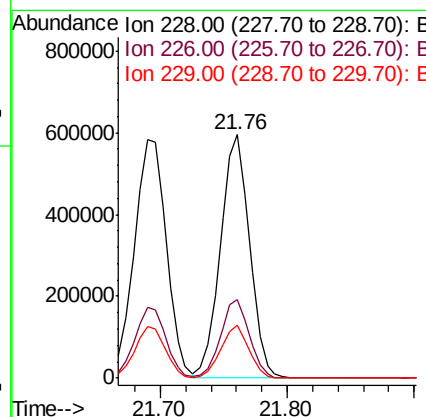
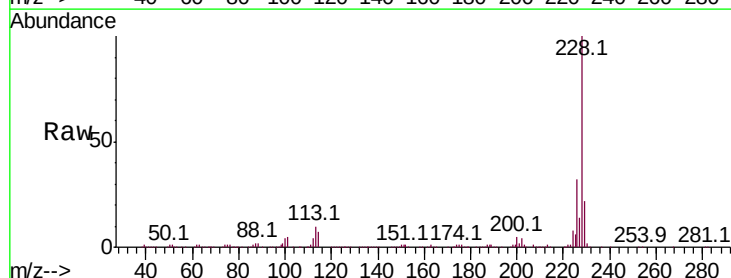
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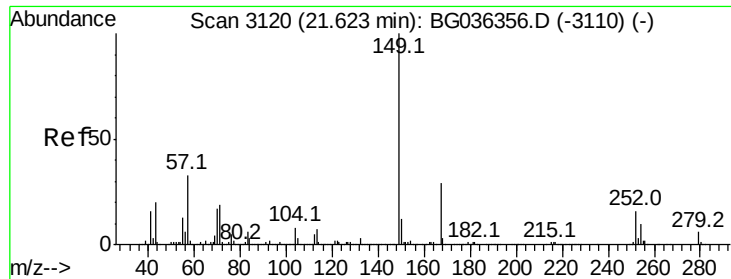
Sohil
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#82
 Chrysene
 Concen: 41.704 ng
 RT: 21.76 min Scan# 3144
 Delta R.T. 0.00 min
 Lab File: BG036364.D
 Acq: 23 Aug 2018 5:03

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	32.1	25.5	38.3
229	21.7	16.9	25.3





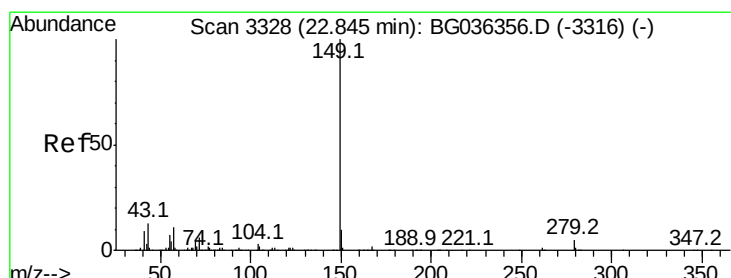
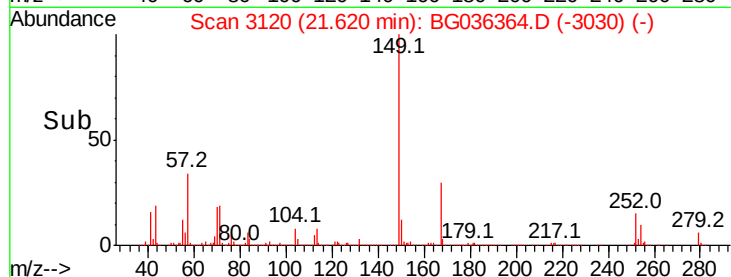
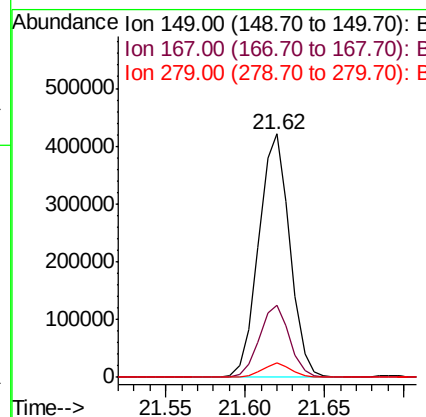
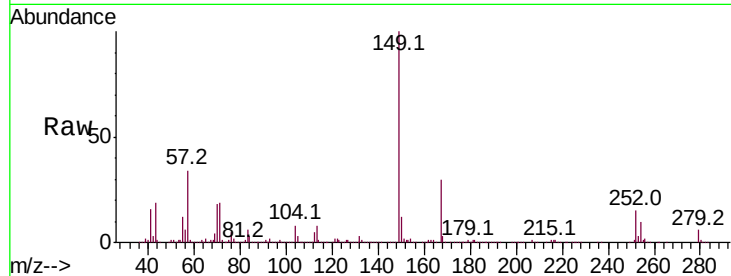
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.536 ng
 RT: 21.62 min Scan# 3120
 Delta R.T. -0.00 min
 Lab File: BG036364.D
 Acq: 23 Aug 2018 5:03

Instrument :
 BNA_G
 ClientSampled :
 PB112219BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	575414		
167	29.8		23.4	35.0
279	5.7		4.6	7.0

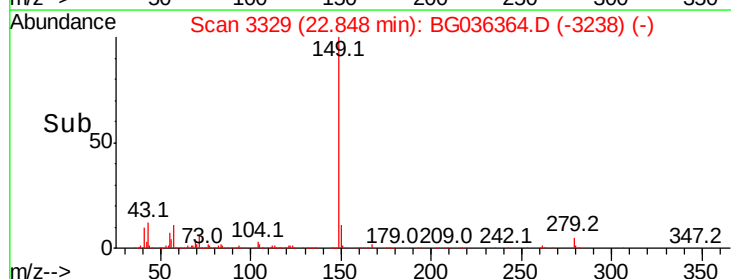
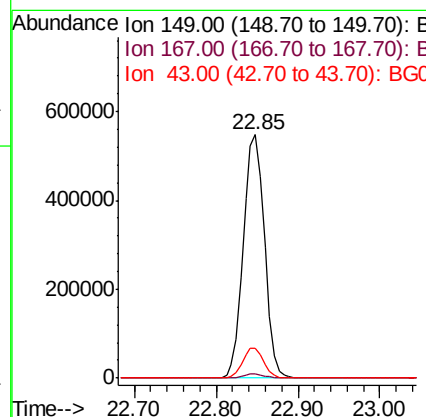
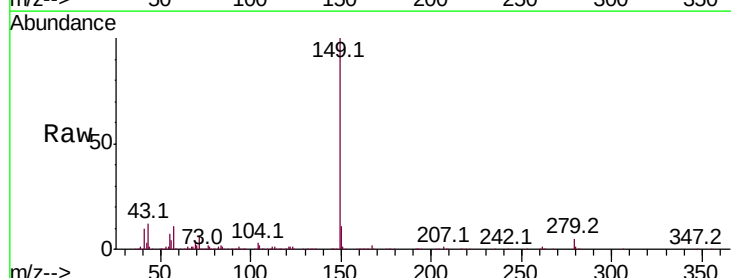
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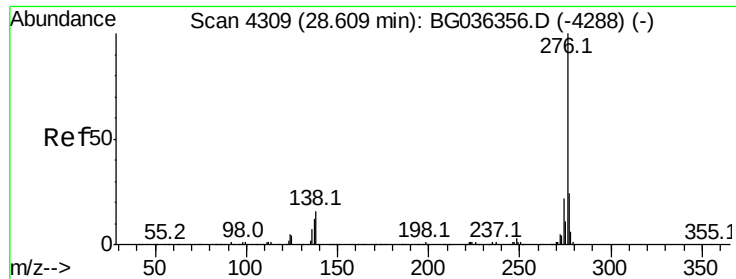
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#84
 Di-n-octyl phthalate
 Concen: 43.671 ng
 RT: 22.85 min Scan# 3329
 Delta R.T. 0.00 min
 Lab File: BG036364.D
 Acq: 23 Aug 2018 5:03

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	986752		
167	1.7		1.3	1.9
43	12.2		10.0	15.0





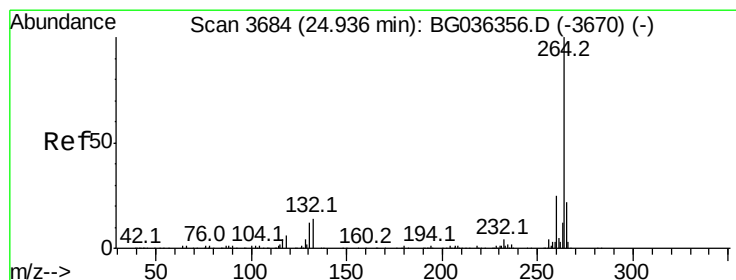
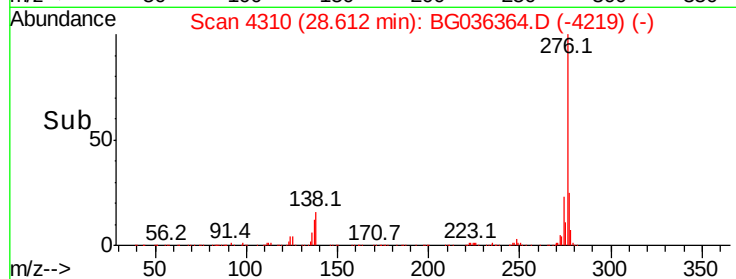
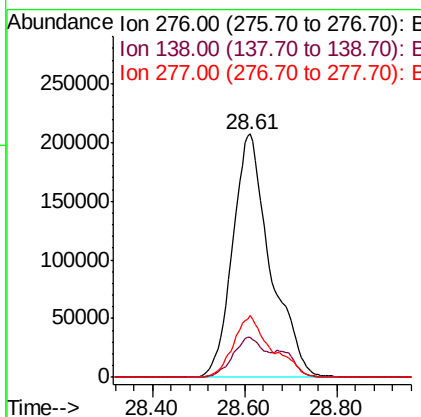
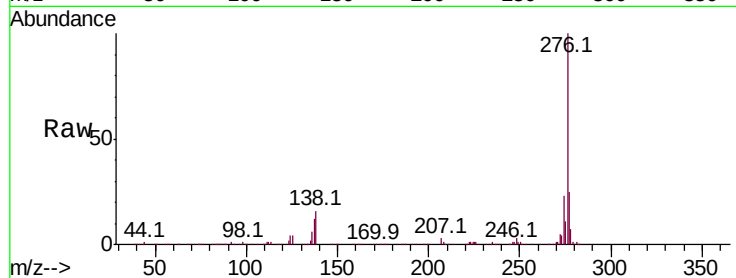
#85
Indeno(1,2,3-cd)pyrene
Concen: 44.481 ng
RT: 28.61 min Scan# 4310
Delta R.T. 0.00 min
Lab File: BG036364.D
Acq: 23 Aug 2018 5:03

Instrument :
BNA_G
ClientSampled :
PB112219BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	13.5	10.6	15.8
277	25.8	20.6	30.8

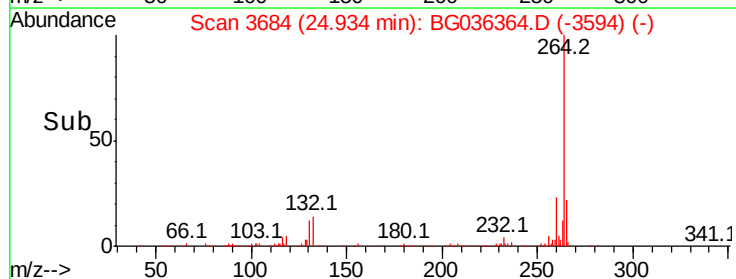
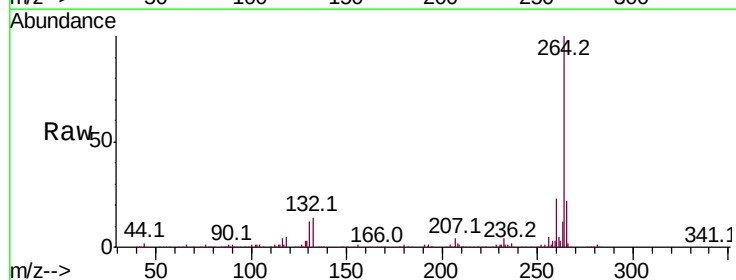
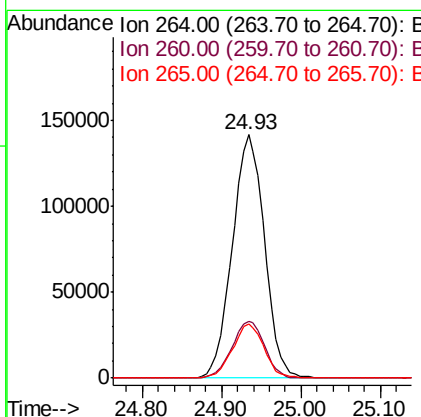
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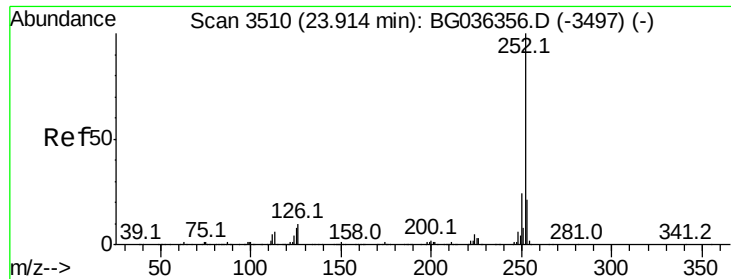
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3684
Delta R.T. -0.00 min
Lab File: BG036364.D
Acq: 23 Aug 2018 5:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.6	29.4
265	22.1	17.4	26.0





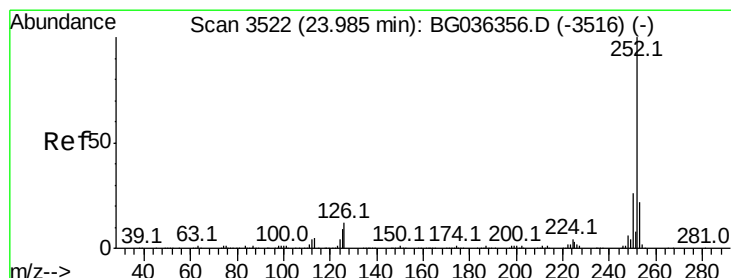
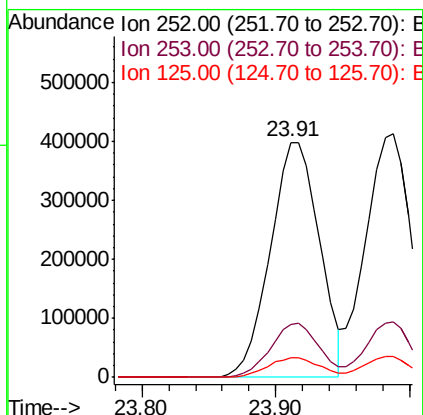
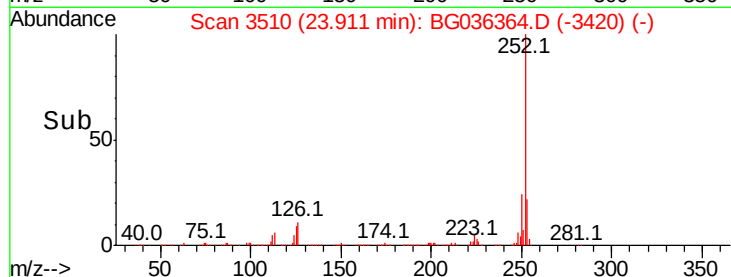
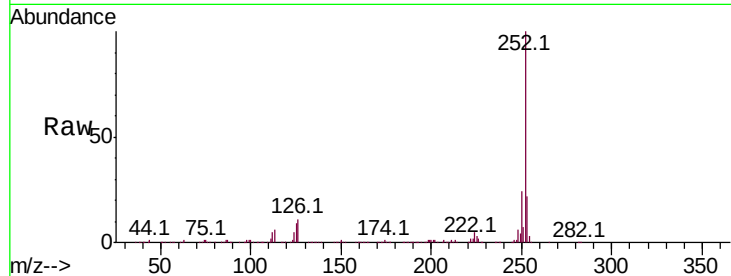
#87
Benzo(b)fluoranthene
Concen: 46.049 ng
RT: 23.91 min Scan# 3510
Delta R.T. -0.00 min
Lab File: BG036364.D
Acq: 23 Aug 2018 5:03

Instrument :
BNA_G
ClientSampleId :
PB112219BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	8.6	6.6	10.0

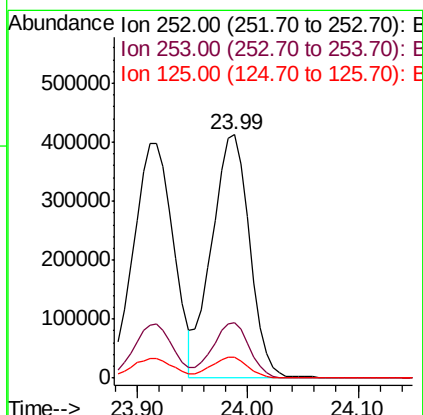
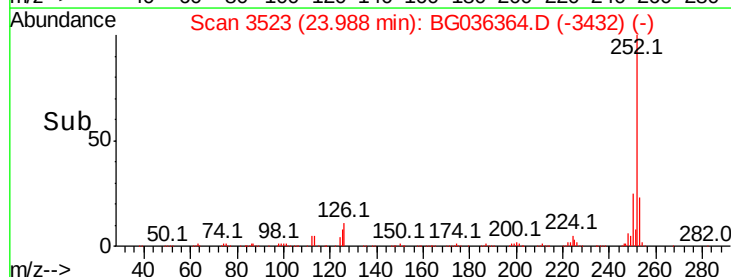
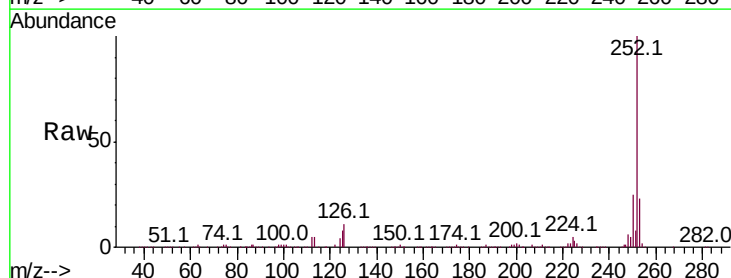
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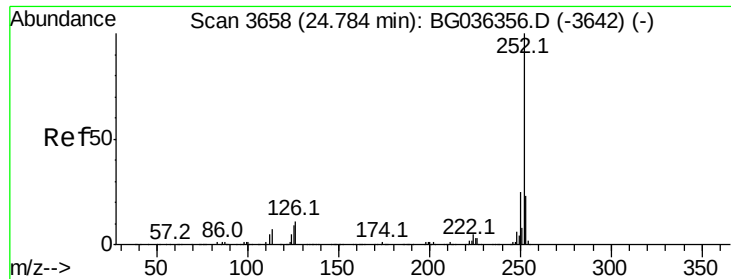
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#88
Benzo(k)fluoranthene
Concen: 45.372 ng
RT: 23.99 min Scan# 3523
Delta R.T. 0.00 min
Lab File: BG036364.D
Acq: 23 Aug 2018 5:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	8.4	7.0	10.6





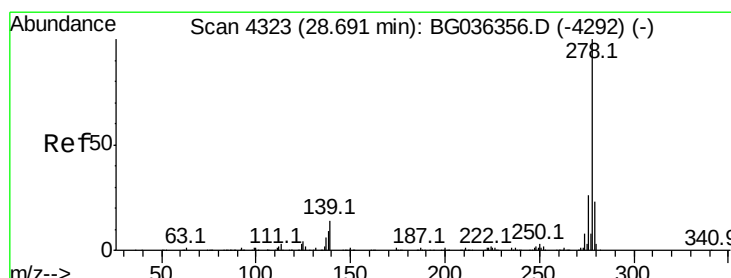
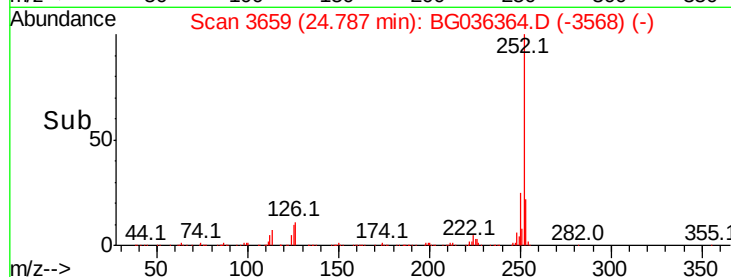
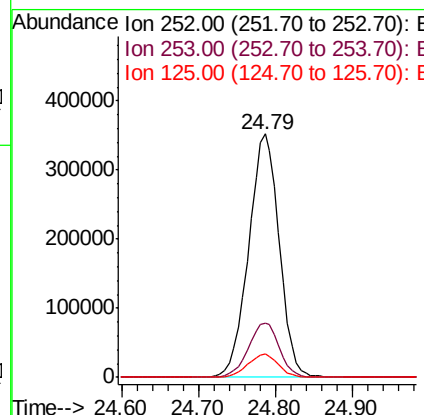
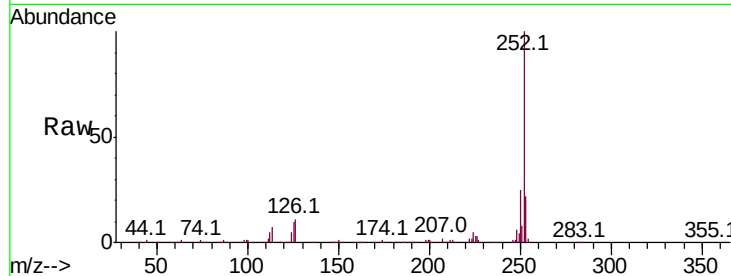
#89
Benzo(a)pyrene
Concen: 45.990 ng
RT: 24.79 min Scan# 3659
Delta R.T. 0.00 min
Lab File: BG036364.D
Acq: 23 Aug 2018 5:03

Instrument :
BNA_G
ClientSampleId :
PB112219BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	9.7	7.3	10.9

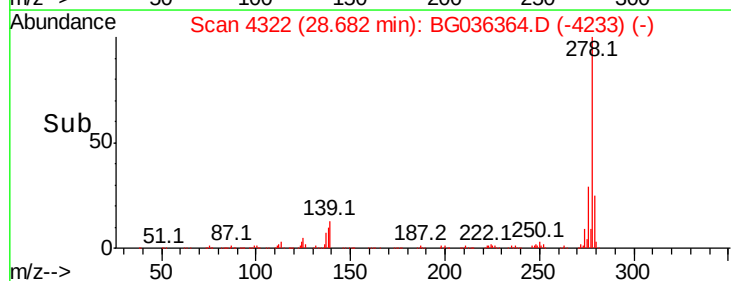
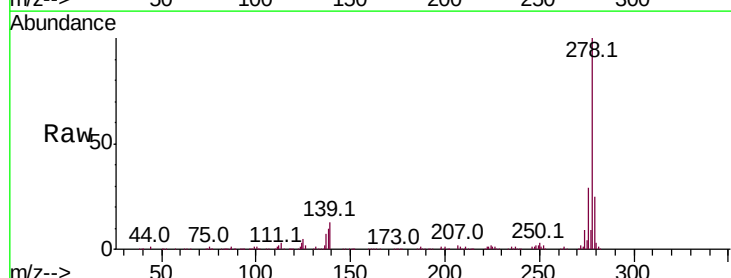
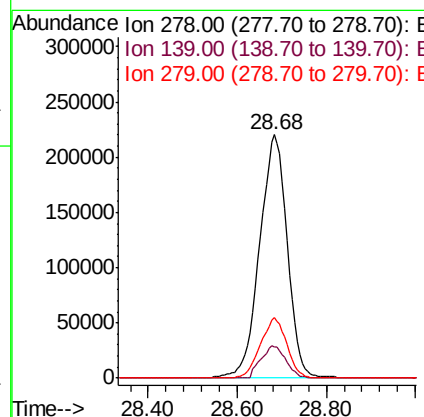
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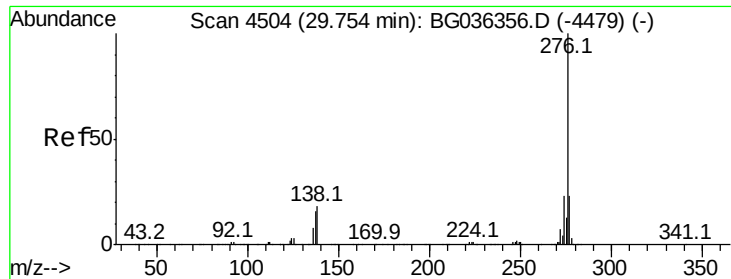
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#90
Dibenzo(a,h)anthracene
Concen: 45.917 ng
RT: 28.68 min Scan# 4322
Delta R.T. -0.01 min
Lab File: BG036364.D
Acq: 23 Aug 2018 5:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.9	11.0	16.4
279	25.0	18.7	28.1





#91
 Benzo(a,h,i)perylene
 Concen: 46.887 ng
 RT: 29.75 min Scan# 4504
 Delta R.T. -0.00 min
 Lab File: BG036364.D
 Acq: 23 Aug 2018 5:03

Instrument :
 BNA_G
 ClientSampleId :
 PB112219BSD

Tot Ion:	276	Resp:	967196
Ion Ratio		Lower	Upper
276	100		
277	23.3	18.4	27.6
138	16.8	14.6	22.0

Manual Integrations
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