

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073118\
 Data File : BG036004.D
 Acq On : 31 Jul 2018 16:50
 Operator : JU/SJ
 Sample : PB111524BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111524BS

Manual Integrations
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Sohil
 8/1/2018 5:08:50 PM

Quant Time: Jul 31 18:49:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	46578	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	173868	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	129478	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	331308	20.00	ng	0.00
75) Chrysene-d12	21.66	240	345125	20.00	ng	0.00
86) Perylene-d12	24.85	264	332505	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	450937	160.73	ng	0.00
7) Phenol-d6	7.20	99	658630	157.35	ng	0.00
23) Nitrobenzene-d5	9.19	82	431006	103.56	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	304813	178.61	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	1001297	103.61	ng	0.00
78) Terphenyl-d14	20.00	244	1647869	105.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	46795	32.772	ng	# 74
3) Pyridine	3.91	79	134888	36.185	ng	# 74
4) n-Nitrosodimethylamine	3.83	42	55503	34.677	ng	# 64
6) Aniline	7.36	93	111839	20.614	ng	92
8) 2-Chlorophenol	7.59	128	141722	49.669	ng	99
9) Benzaldehyde	7.16	77	90105	35.083	ng	94
10) Phenol	7.22	94	208044	49.196	ng	95
11) bis(2-Chloroethyl)ether	7.45	93	140624	42.461	ng	87
12) 1,3-Dichlorobenzene	7.91	146	156715	45.481	ng	96
13) 1,4-Dichlorobenzene	8.06	146	159656	45.603	ng	94
14) 1,2-Dichlorobenzene	8.37	146	150692	44.805	ng	97
15) Benzyl Alcohol	8.26	79	168566	44.347	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.55	45	154892	55.786	ng	75
17) 2-Methylphenol	8.47	107	143195	49.803	ng	# 93
18) Hexachloroethane	9.10	117	60268	45.023	ng	93
19) n-Nitroso-di-n-propylamine	8.83	70	135039	38.311	ng	# 87
20) 3+4-Methylphenols	8.80	107	194818	48.842	ng	91
22) Acetophenone	8.84	105	245765	45.455	ng	# 90
24) Nitrobenzene	9.23	77	196128	46.856	ng	97
25) Isophorone	9.75	82	388614	50.298	ng	98
26) 2-Nitrophenol	9.94	139	87426	58.811	ng	# 92
27) 2,4-Dimethylphenol	10.00	122	153721	61.089	ng	90
28) bis(2-Chloroethoxy)methane	10.23	93	202055	47.461	ng	98
29) 2,4-Dichlorophenol	10.48	162	170804	59.463	ng	94
30) 1,2,4-Trichlorobenzene	10.68	180	179558	50.978	ng	98
31) Naphthalene	10.88	128	436221	48.164	ng	99
32) Benzoic acid	10.18	122	70785	41.786	ng	89
33) 4-Chloroaniline	10.99	127	29760	7.539	ng	92
34) Hexachlorobutadiene	11.15	225	138419	50.397	ng	97
35) Caprolactam	11.78	113	57081m	46.307	ng	
36) 4-Chloro-3-methylphenol	12.11	107	205608	53.401	ng	94
37) 2-Methylnaphthalene	12.48	142	346866	51.406	ng	92
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	237367	48.572	ng	99
40) Hexachlorocyclopentadiene	12.82	237	325664	127.067	ng	93

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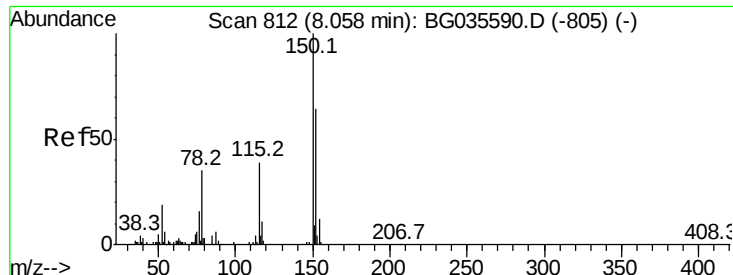
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 8/1/2018 5:08:50 PM

Quant Time: Jul 31 18:49:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	160236	56.068	nq	95
43) 2,4,5-Trichlorophenol	13.16	196	168492	52.701	nq #	95
45) 1,1'-Biphenyl	13.48	154	484224	48.237	nq	98
46) 2-Chloronaphthalene	13.53	162	382122	48.938	nq	99
47) 2-Nitroaniline	13.73	65	128496	46.549	nq	92
48) Acenaphthylene	14.37	152	626755	47.918	nq	98
49) Dimethylphthalate	14.10	163	532086	46.904	nq #	98
50) 2,6-Dinitrotoluene	14.23	165	121901	52.769	nq	89
51) Acenaphthene	14.71	154	367308	45.080	nq	98
52) 3-Nitroaniline	14.56	138	29532	12.508	nq #	92
53) 2,4-Dinitrophenol	14.77	184	125766	103.740	nq #	64
54) Dibenzofuran	15.05	168	616555	47.580	nq	94
55) 4-Nitrophenol	14.88	139	160577	95.498	nq	89
56) 2,4-Dinitrotoluene	15.01	165	172752	52.126	nq #	86
57) Fluorene	15.69	166	512030	47.145	nq	95
58) 2,3,4,6-Tetrachlorophenol	15.28	232	169837	55.405	nq #	95
59) Diethylphthalate	15.47	149	527528	45.224	nq	98
60) 4-Chlorophenyl-phenylether	15.68	204	300126	47.017	nq	97
61) 4-Nitroaniline	15.72	138	112278	45.460	nq #	80
62) Azobenzene	15.98	77	522730	45.431	nq	95
64) 4,6-Dinitro-2-methylphenol	15.78	198	105396	57.148	nq	87
65) n-Nitrosodiphenylamine	15.90	169	450139	47.734	nq	98
66) 4-Bromophenyl-phenylether	16.58	248	204333	53.160	nq	96
67) Hexachlorobenzene	16.70	284	209160	52.841	nq	97
68) Atrazine	16.85	200	201604	51.923	nq	97
69) Pentachlorophenol	17.05	266	208941	86.662	nq	98
70) Phenanthrene	17.43	178	808092	48.881	nq	98
71) Anthracene	17.53	178	833345	50.625	nq	99
72) Carbazole	17.80	167	737829	47.198	nq	98
73) Di-n-butylphthalate	18.34	149	849915	46.007	nq #	98
74) Fluoranthene	19.44	202	1040455	46.724	nq	97
76) Benzidine	19.62	184	288663	31.814	nq	99
77) Pyrene	19.80	202	1032926	47.333	nq	98
79) Butylbenzylphthalate	20.68	149	394235	50.518	nq #	97
80) Benzo(a)anthracene	21.64	228	1059637	49.269	nq	99
81) 3,3'-Dichlorobenzidine	21.55	252	201925	26.926	nq #	96
82) Chrysene	21.70	228	989767	49.662	nq	98
83) Bis(2-ethylhexyl)phthalate	21.53	149	549051	51.751	nq	98
84) Di-n-octyl phthalate	22.73	149	920047	51.793	nq #	93
85) Indeno(1,2,3-cd)pyrene	28.49	276	1126658	51.060	nq #	85
87) Benzo(b)fluoranthene	23.84	252	1014563	50.202	nq #	96
88) Benzo(k)fluoranthene	23.91	252	968390	49.013	nq #	97
89) Benzo(a)pyrene	24.71	252	973227	51.764	nq #	97
90) Dibenzo(a,h)anthracene	28.56	278	935786	50.698	nq #	96
91) Benzo(g,h,i)perylene	29.64	276	942514	52.182	nq #	94

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



#1

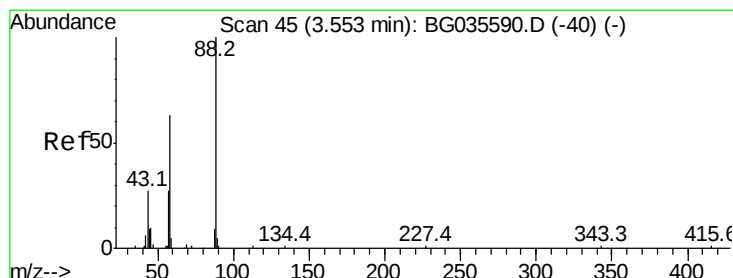
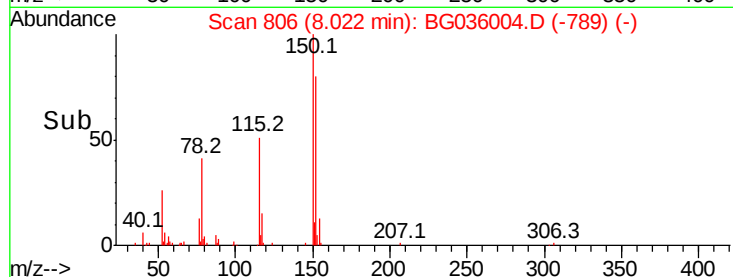
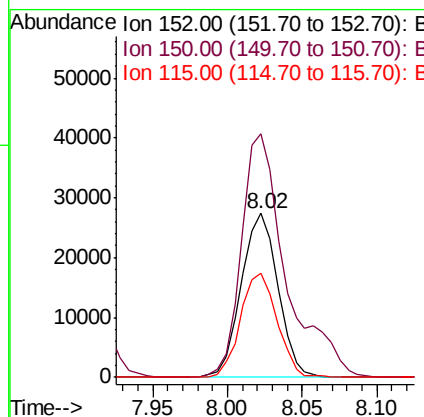
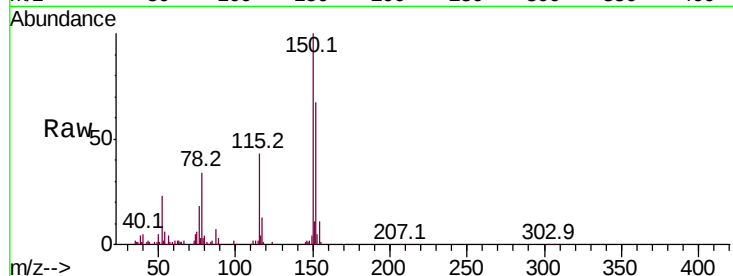
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG036004.D
Acq: 31 Jul 2018 16:50

Instrument :
BNA_G
ClientSampled :
PB111524BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.4	126.6	189.8
115	63.7	53.0	79.4

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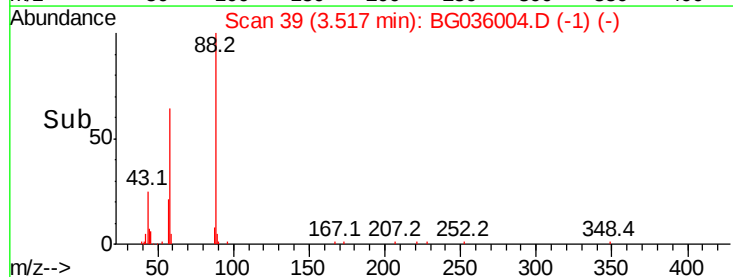
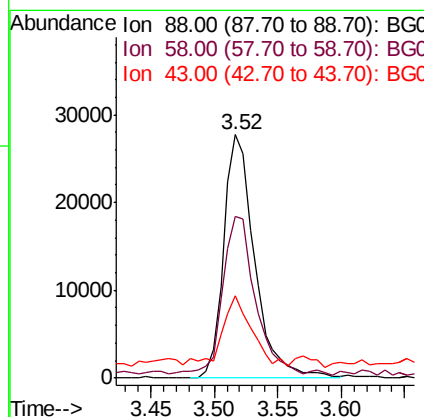
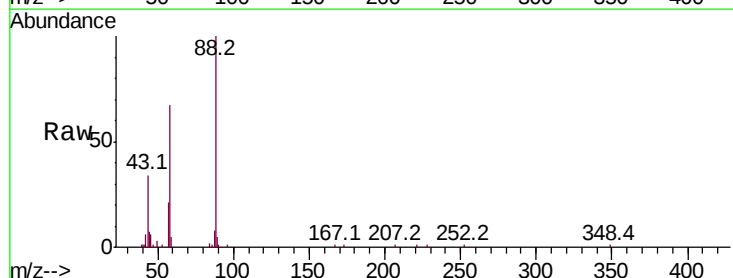
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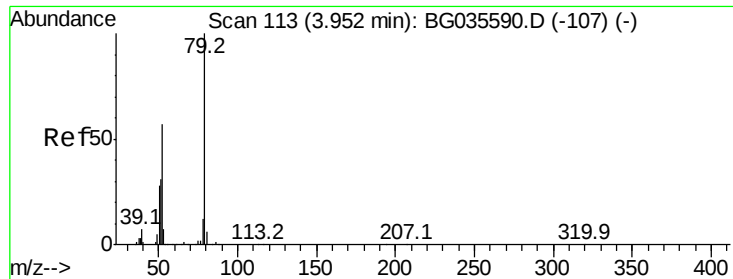


#2

1,4-Dioxane
Concen: 32.772 ng
RT: 3.52 min Scan# 39
Delta R.T. -0.01 min
Lab File: BG036004.D
Acq: 31 Jul 2018 16:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.1	79.6	119.4#
43	27.7	27.4	41.0





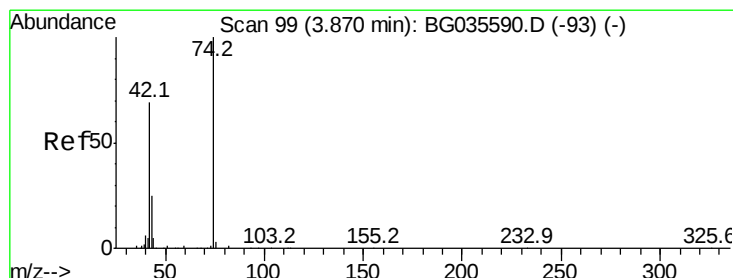
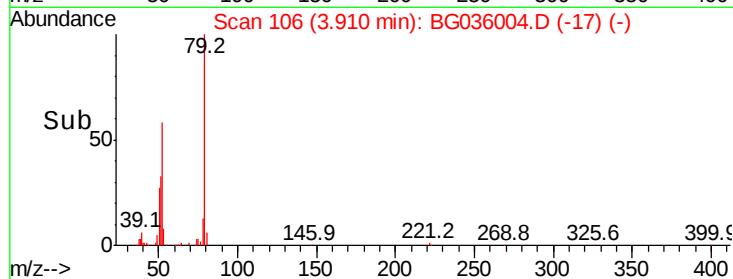
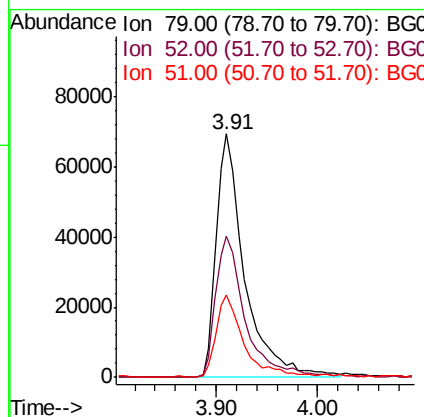
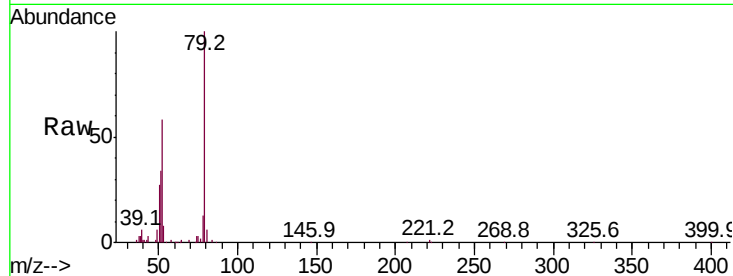
#3
 Pvrindine
 Concen: 36.185 ng
 RT: 3.91 min Scan# 106
 Delta R.T. -0.01 min
 Lab File: BG036004.D
 Acq: 31 Jul 2018 16:50

Instrument :
 BNA_G
 ClientSampleId :
 PB111524BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	58.0	69.9	104.9#
51	33.7	34.0	51.0#

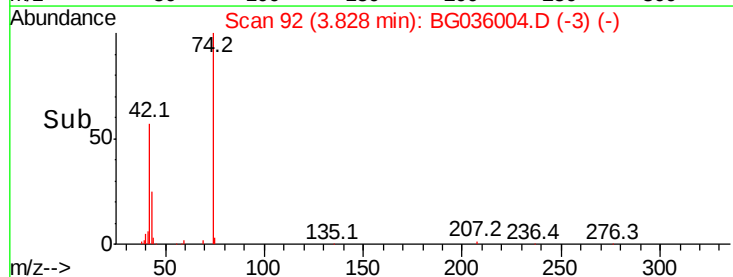
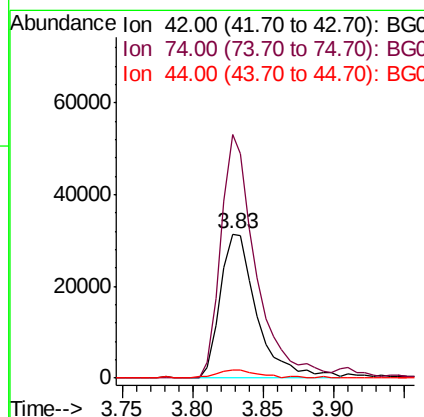
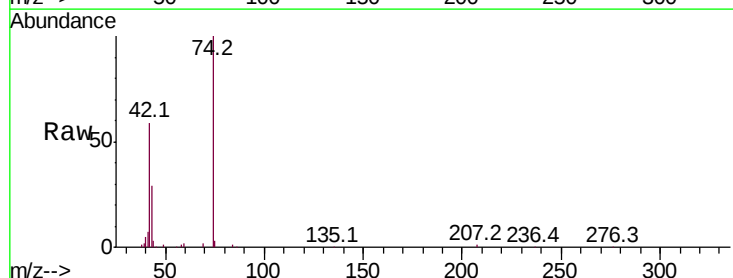
Manual Integrations
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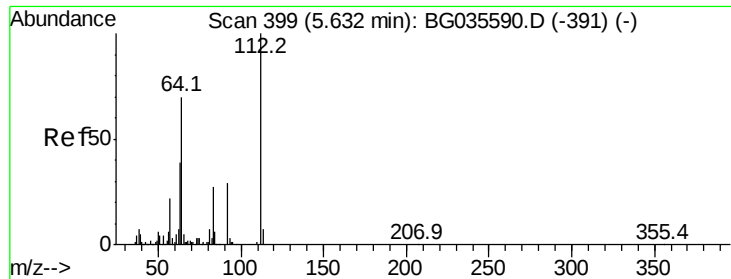
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#4
 n-Nitrosodimethylamine
 Concen: 34.677 ng
 RT: 3.83 min Scan# 92
 Delta R.T. -0.01 min
 Lab File: BG036004.D
 Acq: 31 Jul 2018 16:50

Tgt Ion	Ratio	Lower	Upper
42	100		
74	169.4	102.5	153.7#
44	5.8	18.9	28.3#





#5

2-Fluorophenol

Concen: 160.733 ng

RT: 5.61 min Scan# 395

Delta R.T. 0.00 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

Instrument :

BNA_G

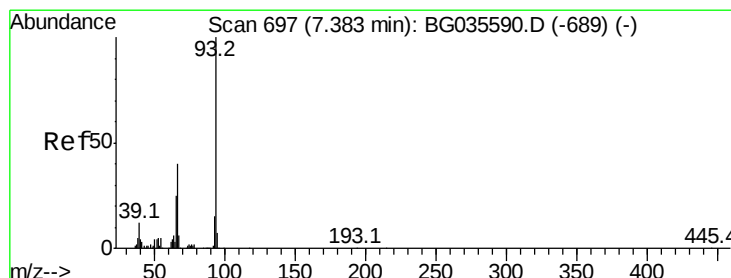
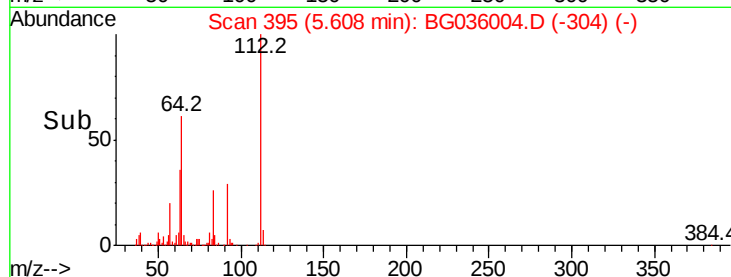
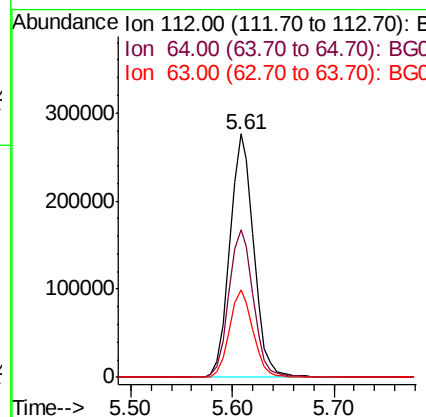
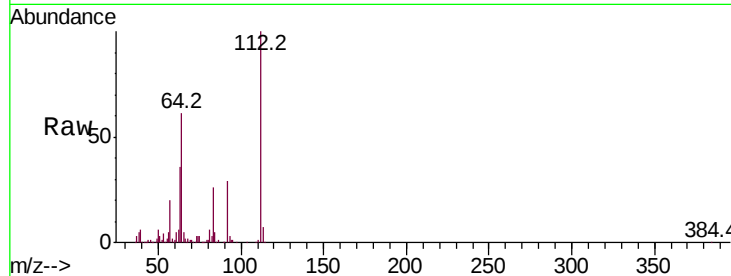
ClientSampleId :

PB111524BS

Tot Ion:	112	Resp:	450937
Ion Ratio	Lower	Upper	
112	100		
64	60.6	56.3	84.5
63	35.7	30.1	45.1

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#6

Aniline

Concen: 20.614 ng

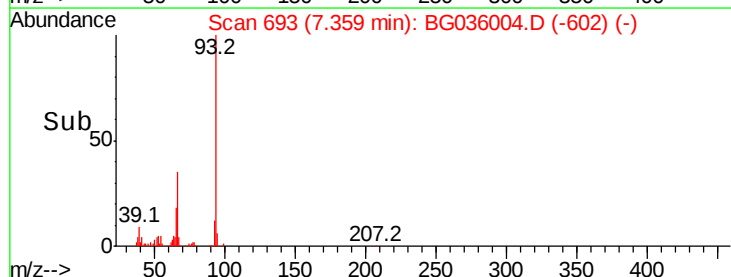
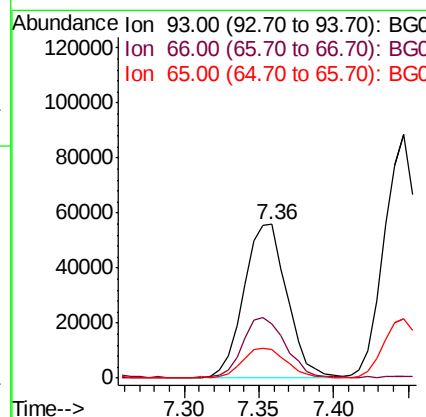
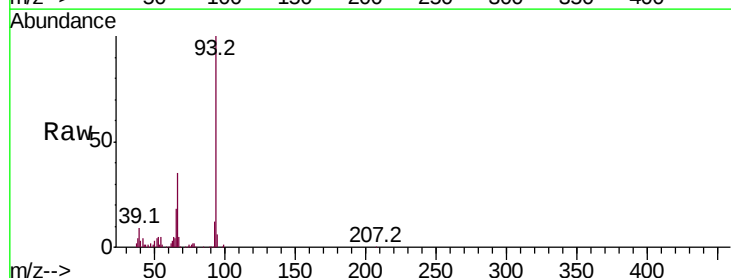
RT: 7.36 min Scan# 693

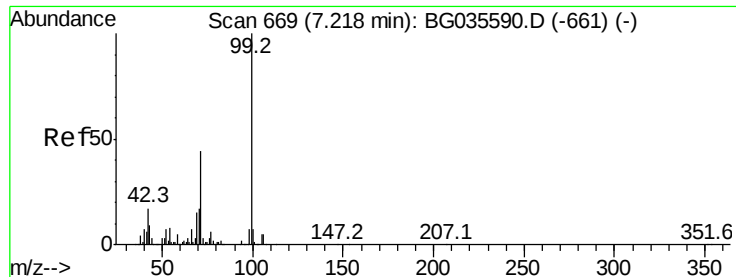
Delta R.T. 0.00 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

Tgt Ion:	93	Resp:	111839
Ion Ratio	Lower	Upper	
93	100		
66	35.5	33.7	50.5
65	18.4	16.1	24.1





#7

Phenol-d6

Concen: 157.349 ng

RT: 7.20 min Scan# 666

Delta R.T. 0.00 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

Instrument :

BNA_G

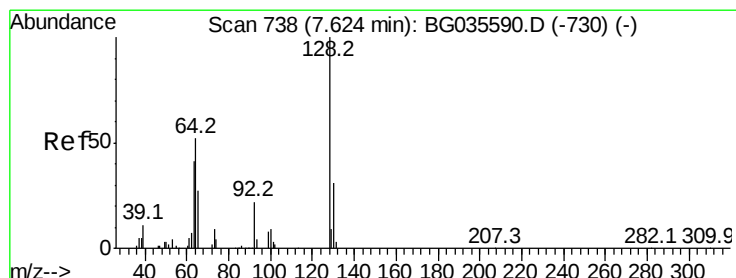
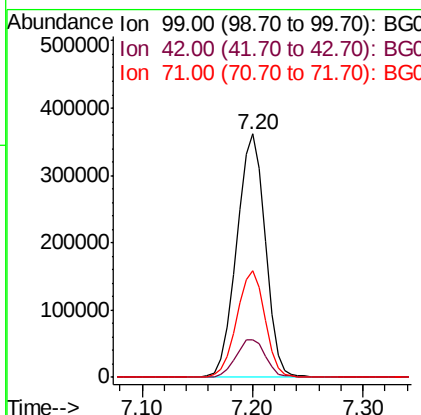
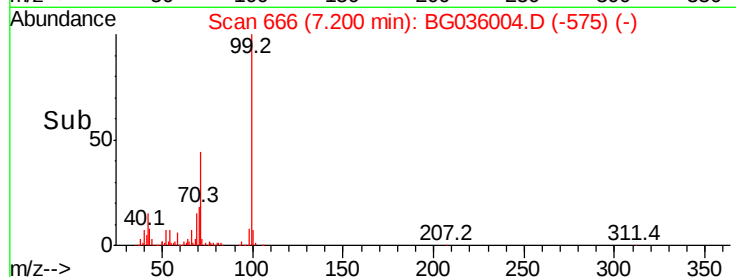
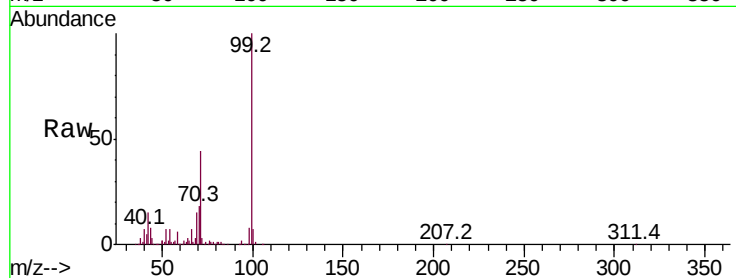
ClientSampleId :

PB111524BS

Tot Ion	Ratio	Resp Lower	Upper
99	100		
42	15.4	14.1	21.1
71	43.6	26.1	39.1#

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#8

2-Chlorophenol

Concen: 49.669 ng

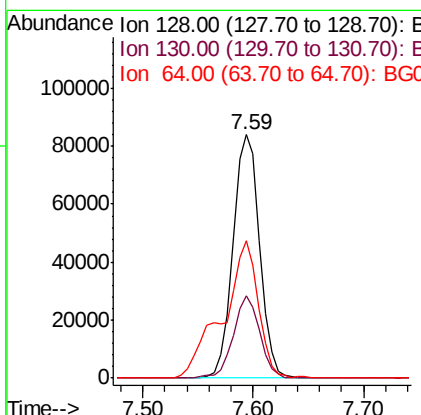
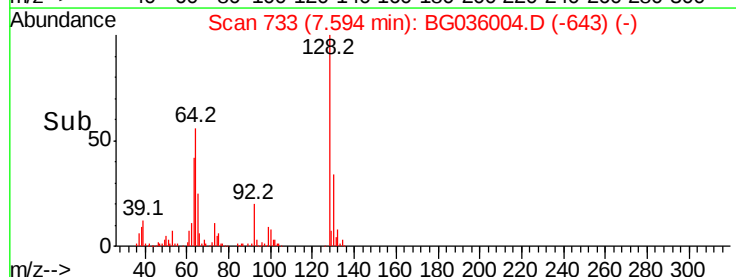
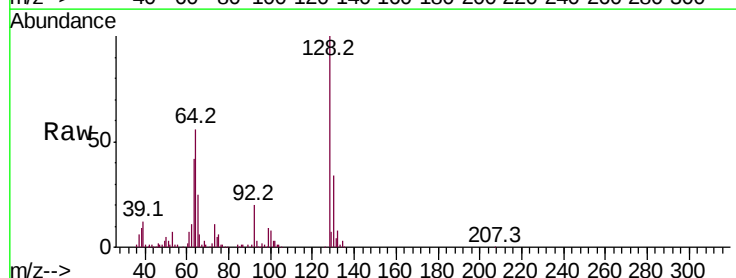
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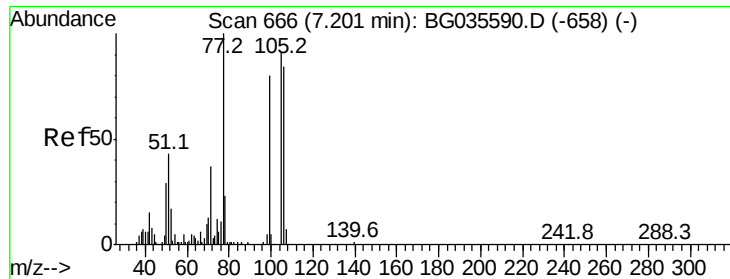
Delta R.T. -0.00 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

Tgt Ion	Ratio	Resp Lower	Upper
128	100		
130	34.1	14.0	54.0
64	56.4	37.7	77.7





#9

Benzaldehyde

Concen: 35.083 ng

RT: 7.16 min Scan# 659

Delta R.T. -0.01 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

Instrument :

BNA_G

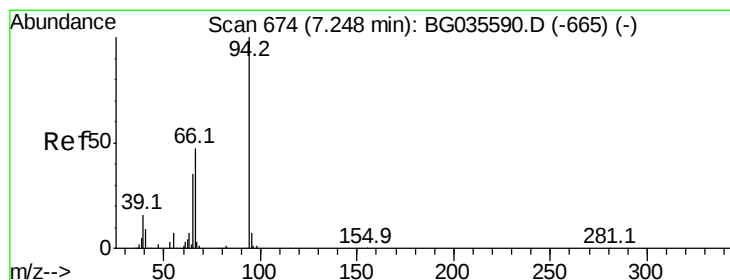
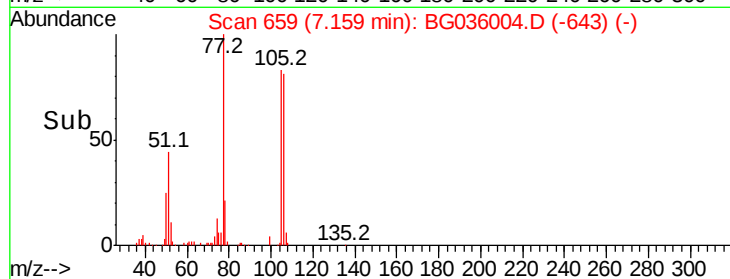
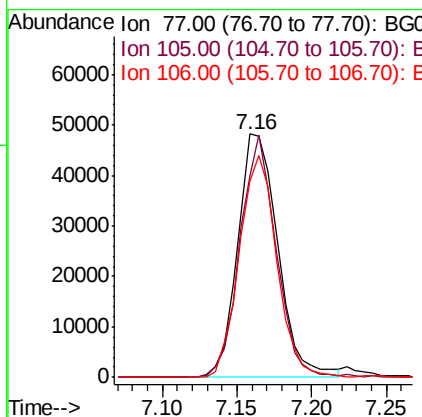
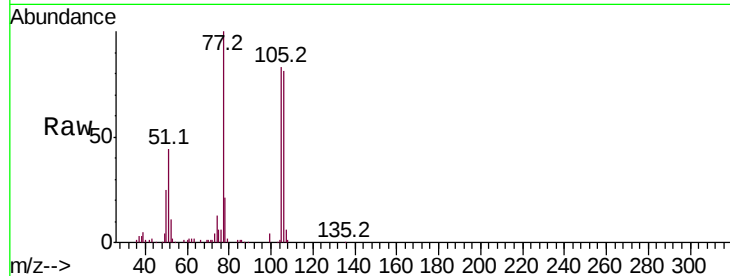
ClientSampleId :

PB111524BS

Tot Ion:	77	Resp:	90105
Ion	Ratio	Lower	Upper
77	100		
105	82.8	71.3	111.3
106	80.9	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 49.196 ng

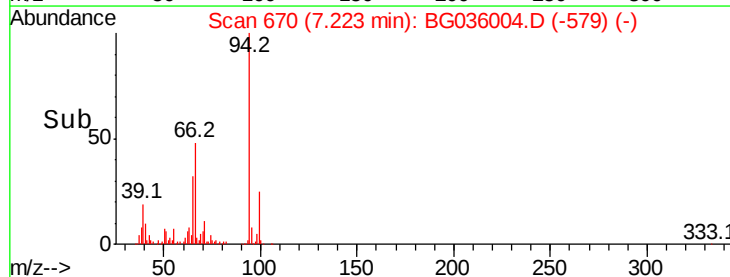
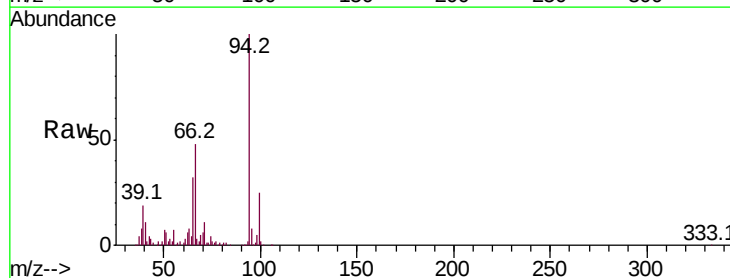
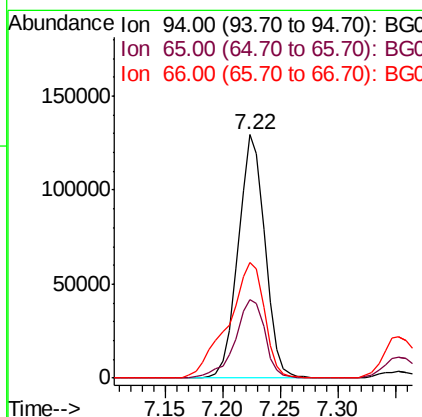
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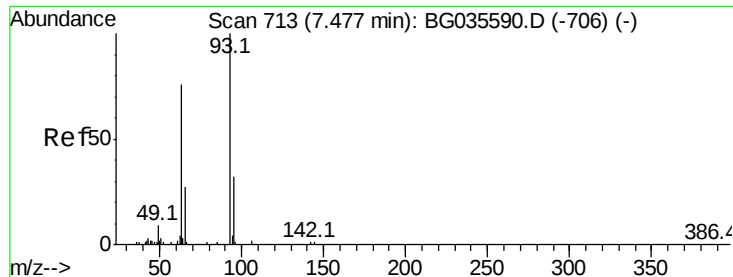
Delta R.T. 0.00 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

Tgt Ion:	94	Resp:	208044
Ion	Ratio	Lower	Upper
94	100		
65	32.3	11.9	51.9
66	47.7	22.2	62.2





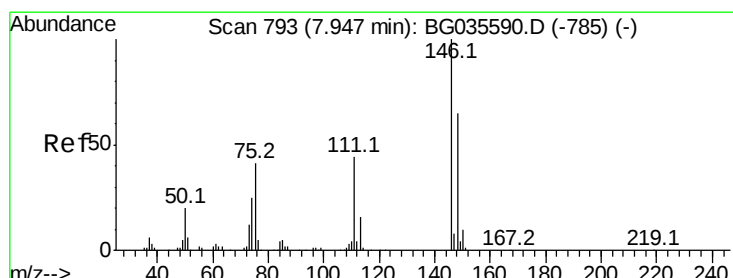
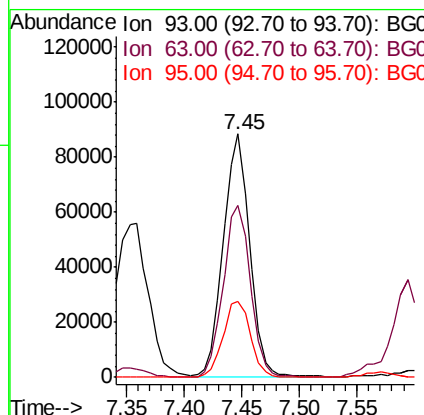
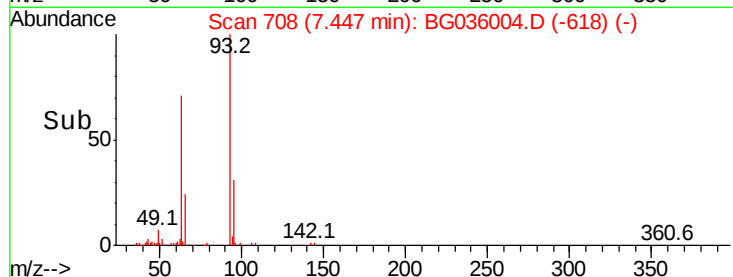
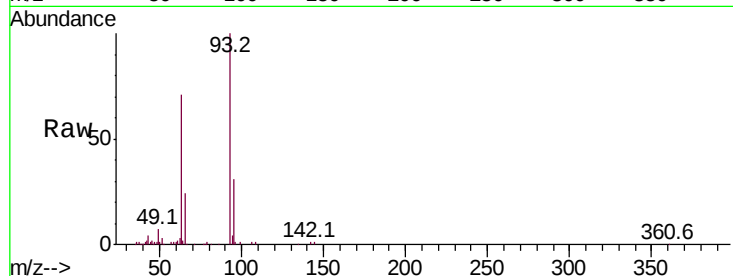
#11
bis(2-Chloroethyl)ether
Concen: 42.461 ng
RT: 7.45 min Scan# 708
Delta R.T. -0.00 min
Lab File: BG036004.D
Acq: 31 Jul 2018 16:50

Instrument :
BNA_G
ClientSampled :
PB111524BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.8	67.1	107.1
95	31.3	11.5	51.5

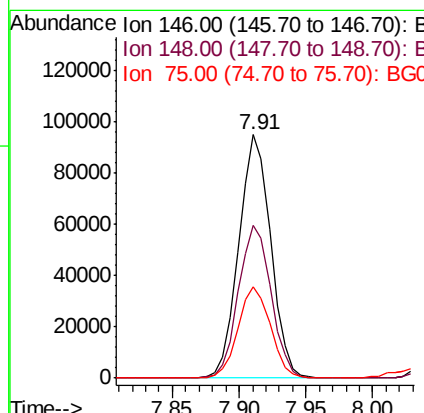
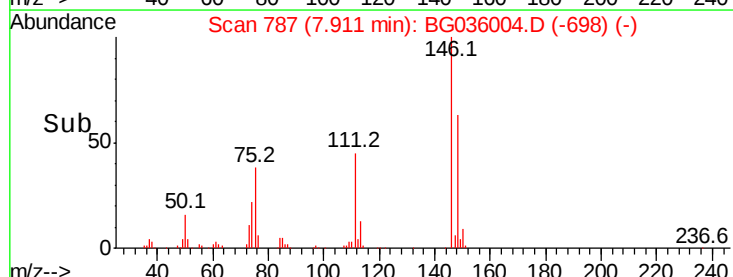
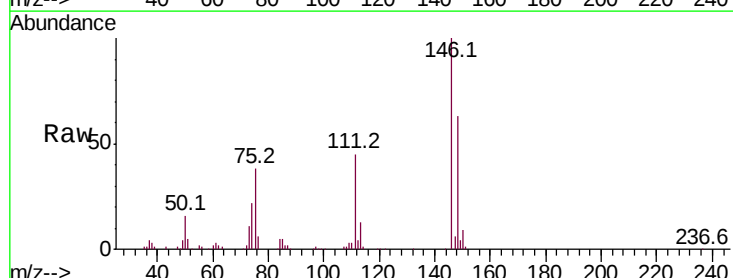
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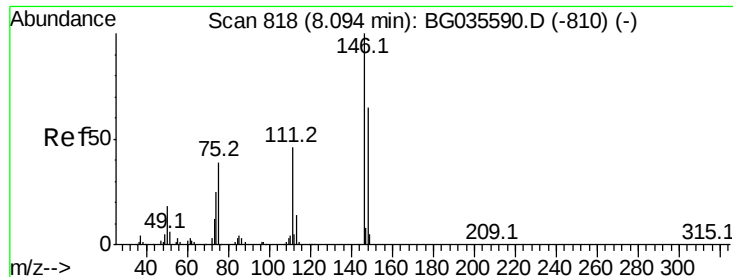
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#12
1,3-Dichlorobenzene
Concen: 45.481 ng
RT: 7.91 min Scan# 787
Delta R.T. -0.01 min
Lab File: BG036004.D
Acq: 31 Jul 2018 16:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.4	77.2
75	37.7	26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 45.603 ng

RT: 8.06 min Scan# 812

Delta R.T. -0.01 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

Instrument :

BNA_G

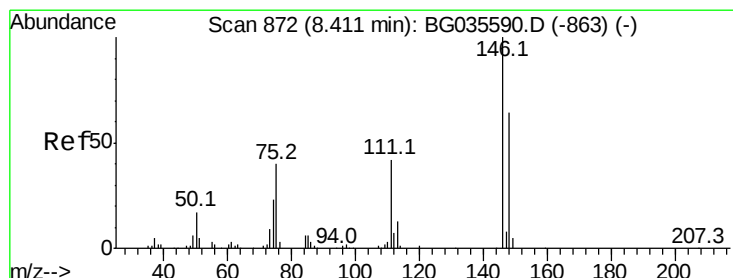
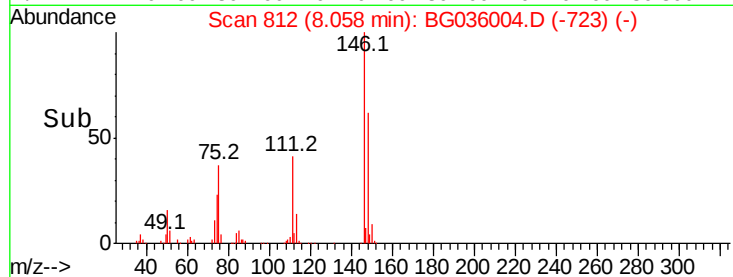
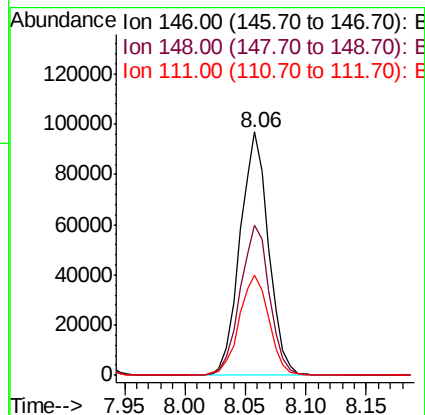
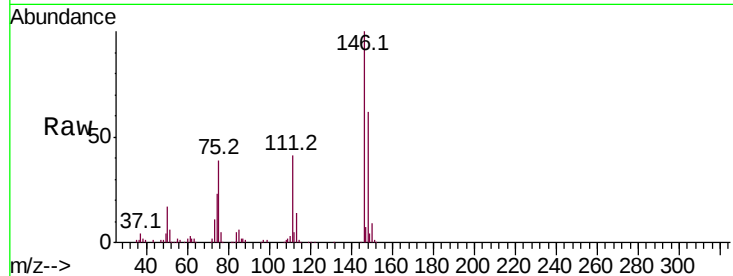
ClientSampleId :

PB111524BS

Tot Ion:	146	Resp:	159656
Ion Ratio	Lower	Upper	
146	100		
148	61.7	53.7	80.5
111	41.0	35.2	52.8

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#14

1,2-Dichlorobenzene

Concen: 44.805 ng

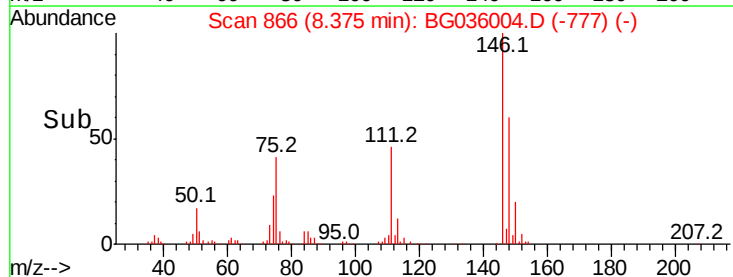
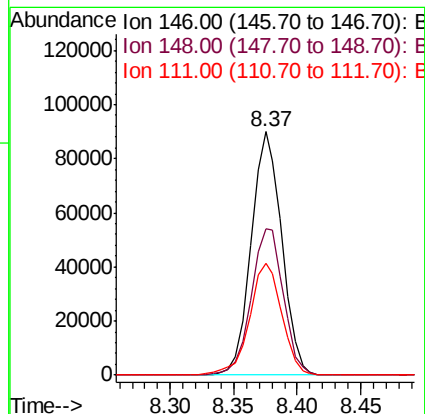
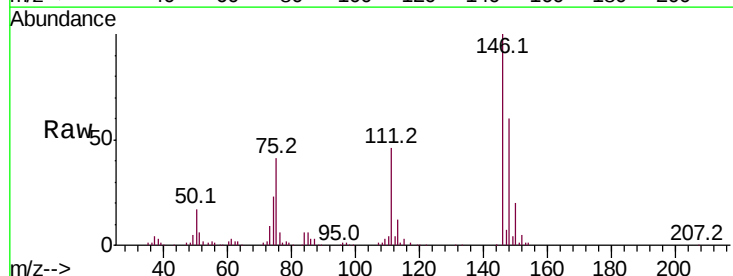
RT: 8.37 min Scan# 866

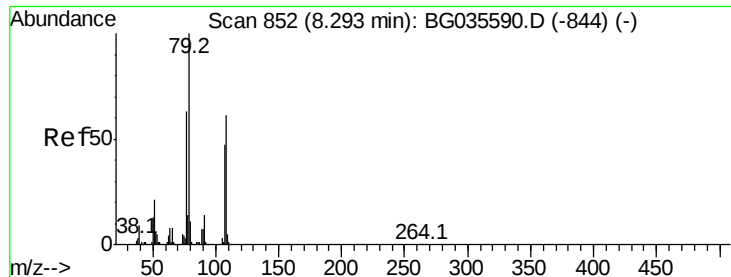
Delta R.T. -0.01 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

Tgt Ion:	146	Resp:	150692
Ion Ratio	Lower	Upper	
146	100		
148	59.9	49.3	73.9
111	45.8	34.3	51.5





#15

Benzyl Alcohol

Concen: 44.347 ng

RT: 8.26 min Scan# 847

Delta R.T. -0.00 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

Instrument :

BNA_G

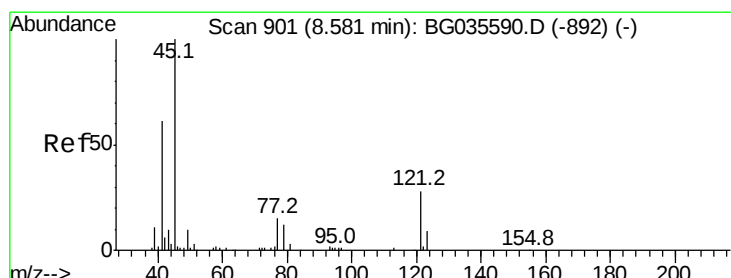
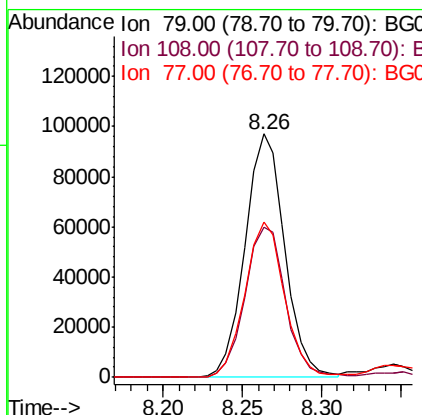
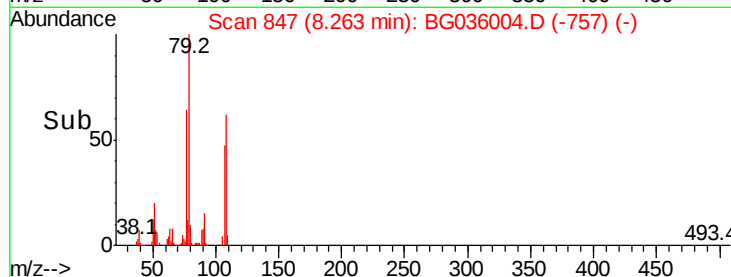
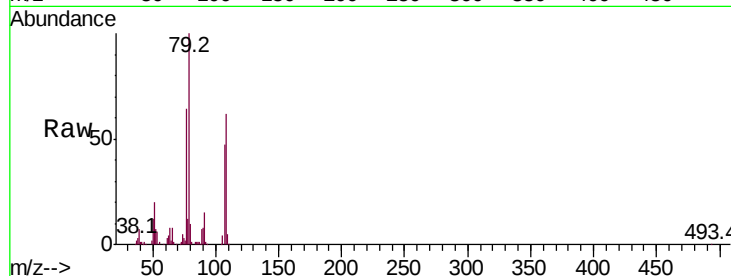
ClientSampleId :

PB111524BS

Tot Ion:	79	Resp:	168566
Ion Ratio	Lower	Upper	
79	100		
108	61.8	57.2	85.8
77	64.0	46.1	69.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 55.786 ng

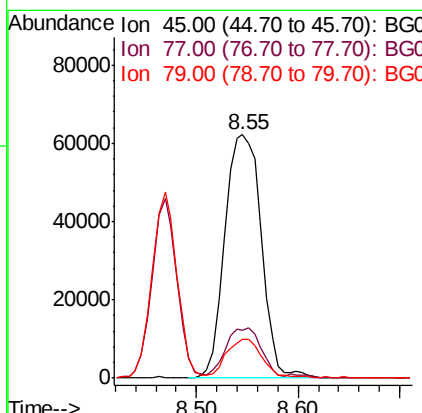
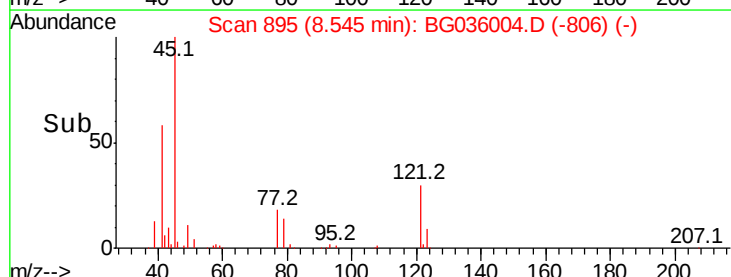
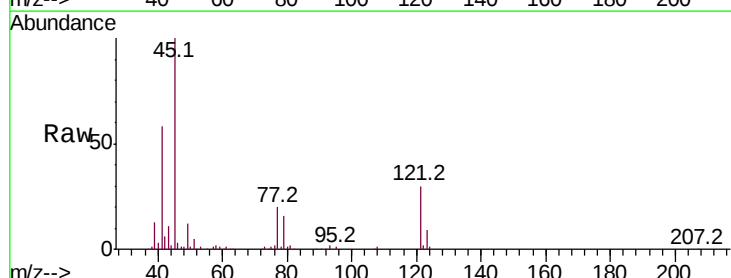
RT: 8.55 min Scan# 895

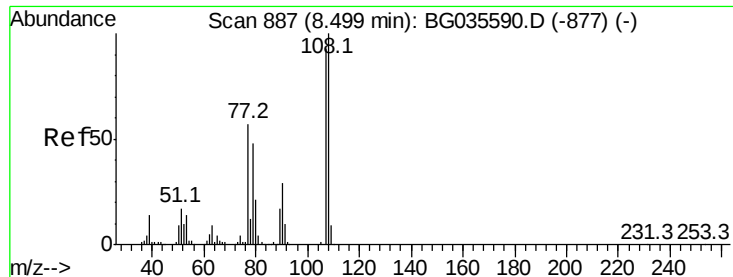
Delta R.T. -0.01 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

Tgt Ion:	45	Resp:	154892
Ion Ratio	Lower	Upper	
45	100		
77	19.9	0.0	30.2
79	16.1	0.0	27.9





#17

2-Methylphenol

Concen: 49.803 ng

RT: 8.47 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

Instrument :

BNA_G

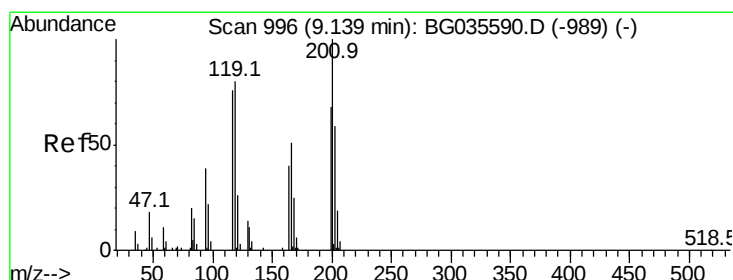
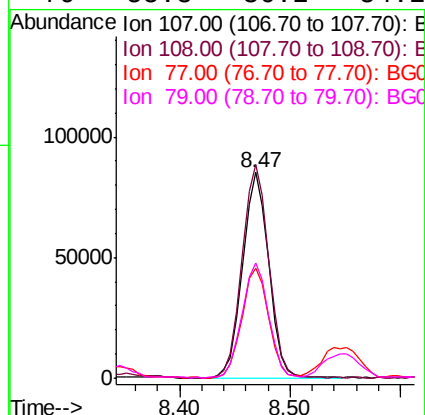
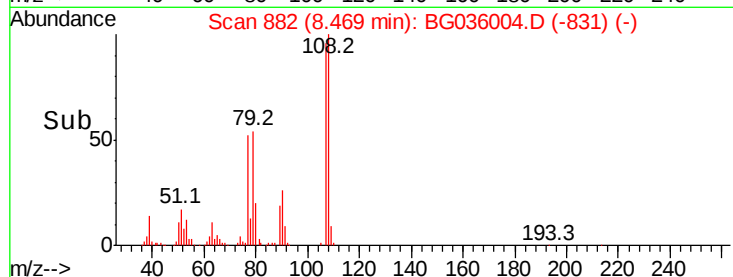
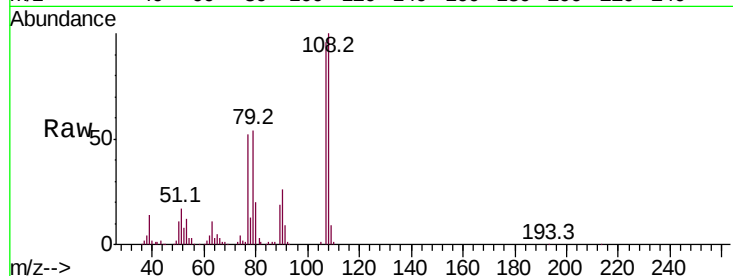
ClientSampleId :

PB111524BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	104.0	83.9	125.9	
77	53.8	37.2	55.8	
79	55.8	36.2	54.2	

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#18

Hexachloroethane

Concen: 45.023 ng

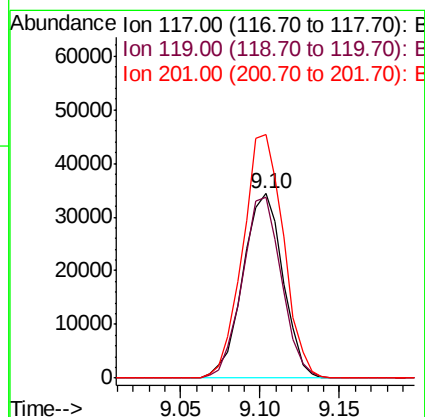
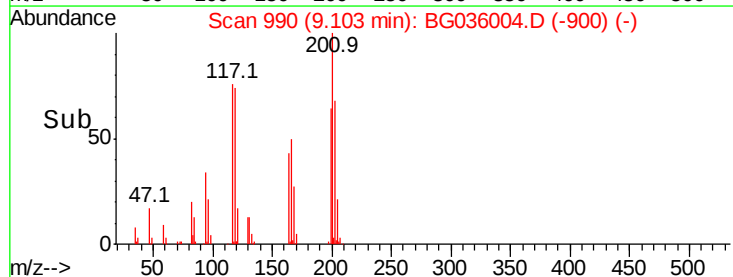
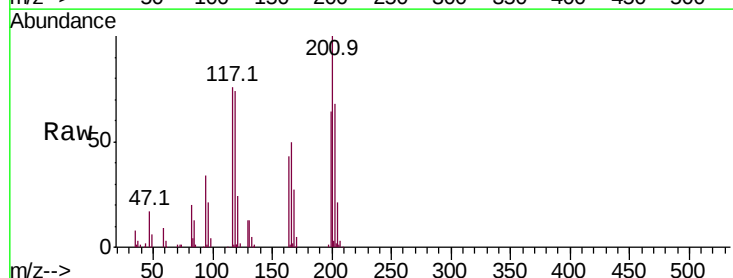
RT: 9.10 min Scan# 990

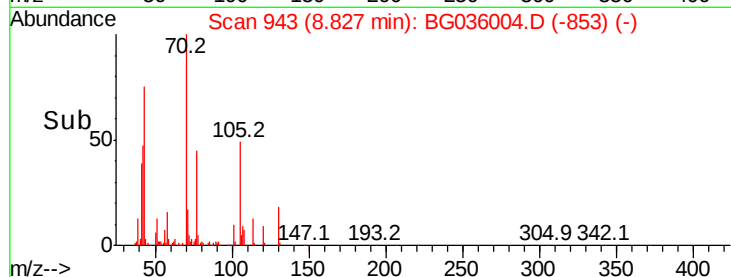
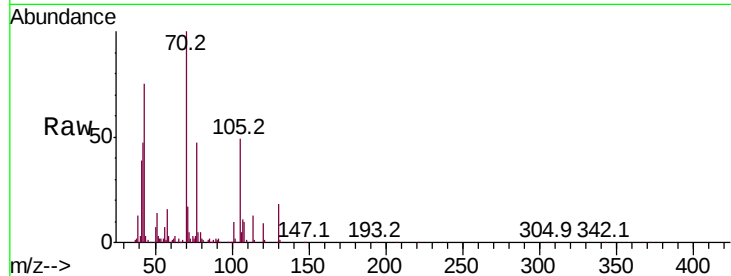
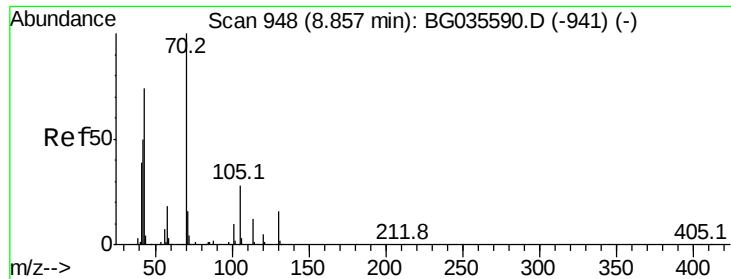
Delta R.T. -0.00 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.0	76.7	115.1	
201	132.1	95.7	143.5	





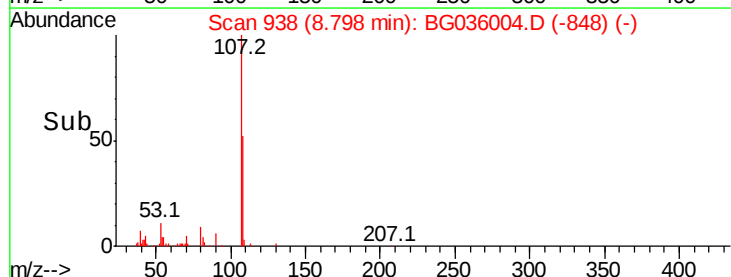
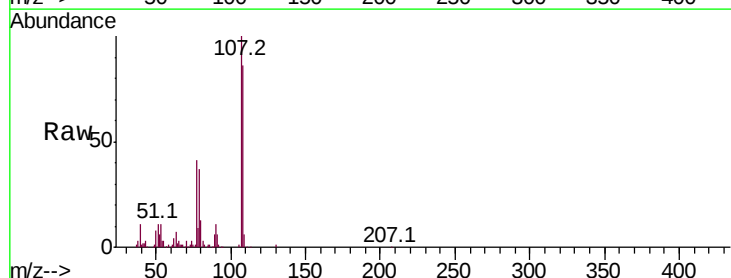
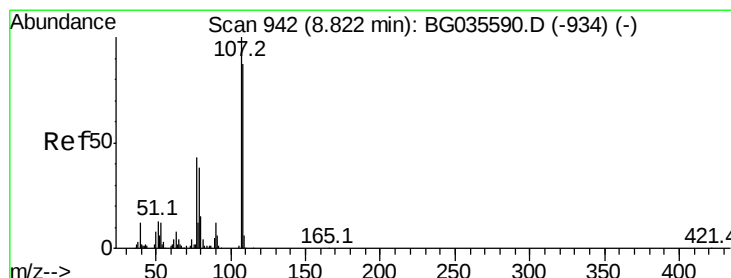
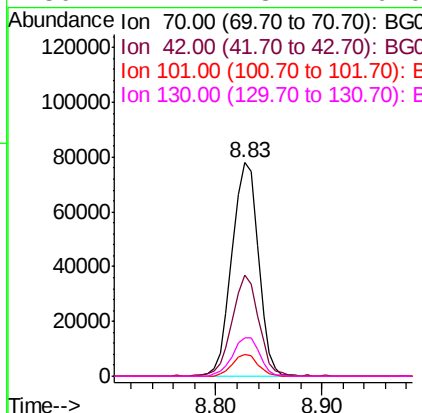
#19
n-Nitroso-di-n-propylamine
Concen: 38.311 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.00 min
Lab File: BG036004.D
Acq: 31 Jul 2018 16:50

Instrument :
BNA_G
ClientSampleId :
PB111524BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	47.2	49.1	73.7#	
101	9.9	8.5	12.7	
130	17.7	13.4	20.0	

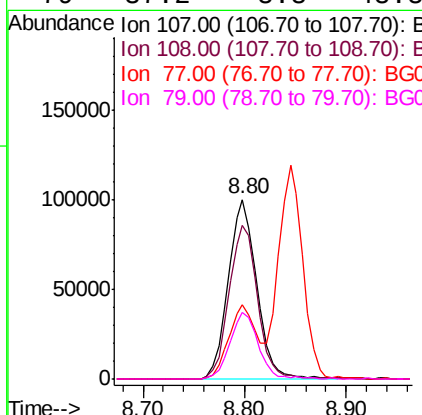
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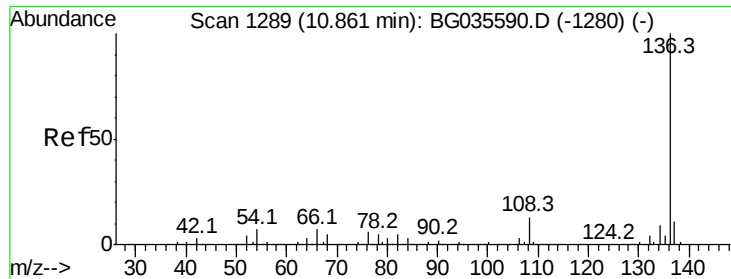
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#20
3+4-Methylphenols
Concen: 48.842 ng
RT: 8.80 min Scan# 938
Delta R.T. -0.00 min
Lab File: BG036004.D
Acq: 31 Jul 2018 16:50

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.7	61.6	101.6	
77	41.3	13.9	53.9	
79	37.2	8.8	48.8	





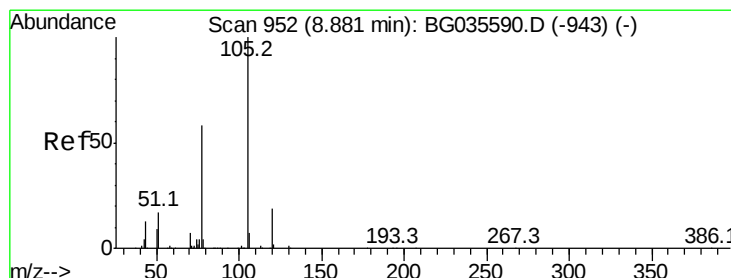
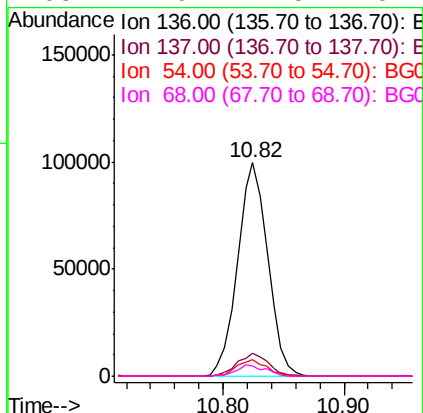
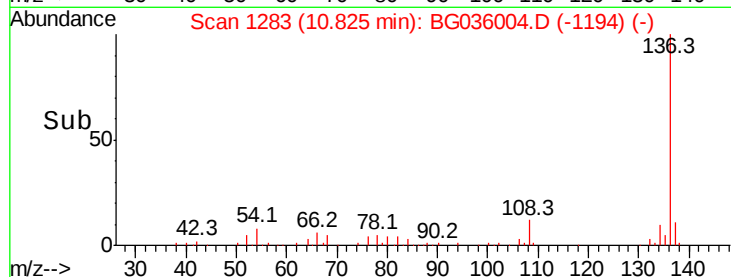
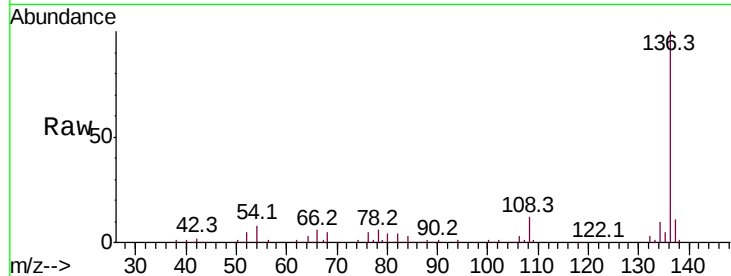
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG036004.D
Acq: 31 Jul 2018 16:50

Instrument :
BNA_G
ClientSampleId :
PB111524BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	9.2	13.8	
54	7.8	10.3	15.5	
68	4.9	4.5	6.7	

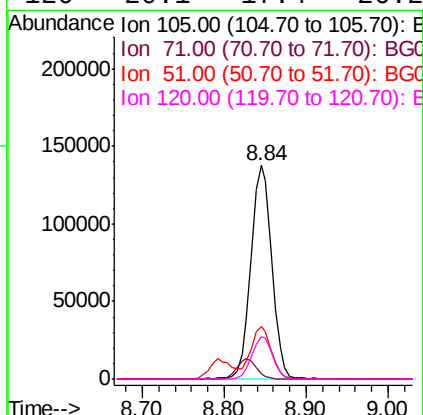
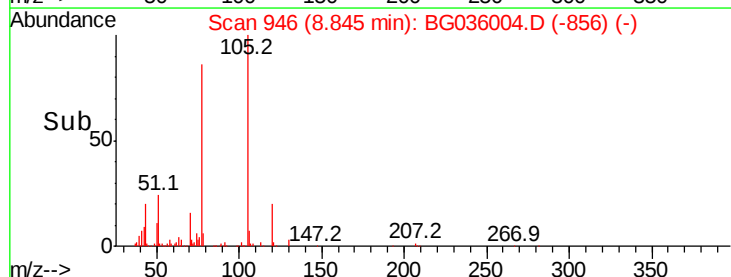
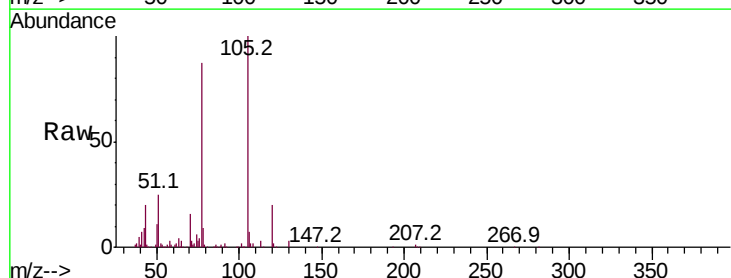
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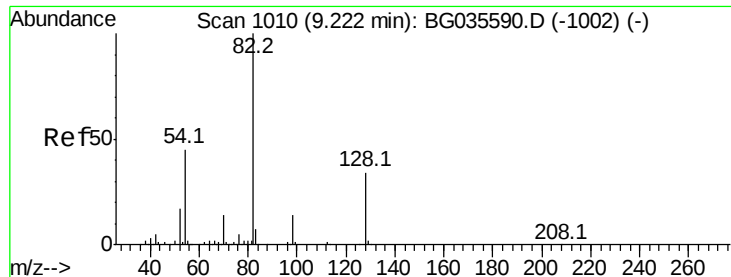
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#22
Acetophenone
Concen: 45.455 ng
RT: 8.84 min Scan# 946
Delta R.T. -0.00 min
Lab File: BG036004.D
Acq: 31 Jul 2018 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.7	3.0	4.4	
51	24.6	26.1	39.1	
120	20.1	17.4	26.2	





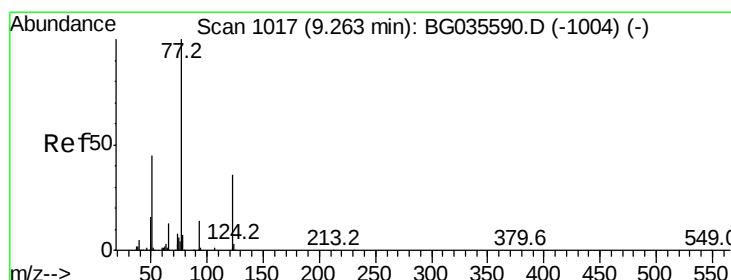
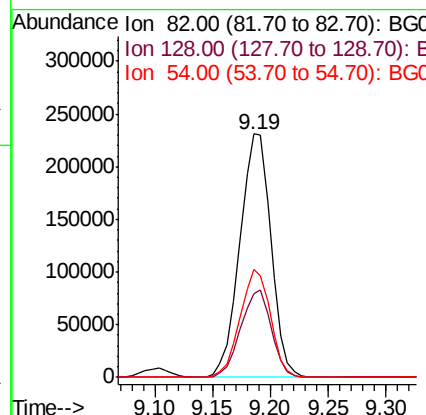
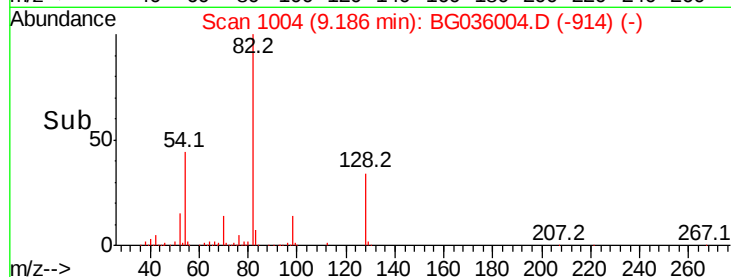
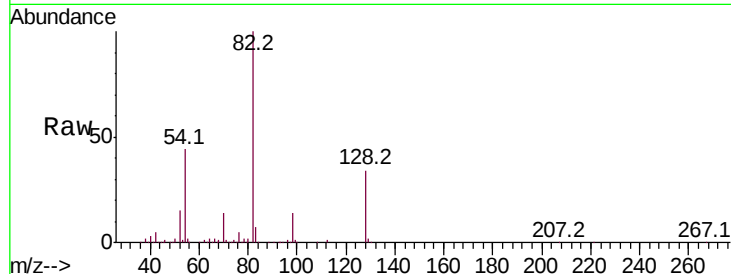
#23
Nitrobenzene-d5
Concen: 103.556 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG036004.D
Acq: 31 Jul 2018 16:50

Instrument :
BNA_G
ClientSampleId :
PB111524BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	34.1	29.7	44.5	
54	44.2	43.1	64.7	

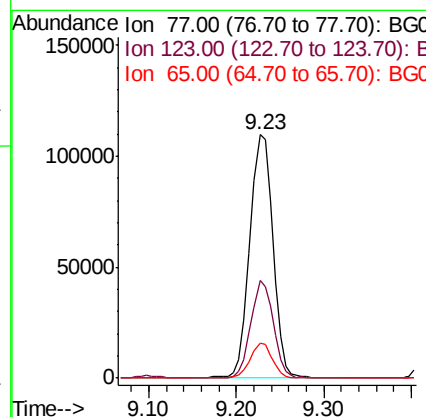
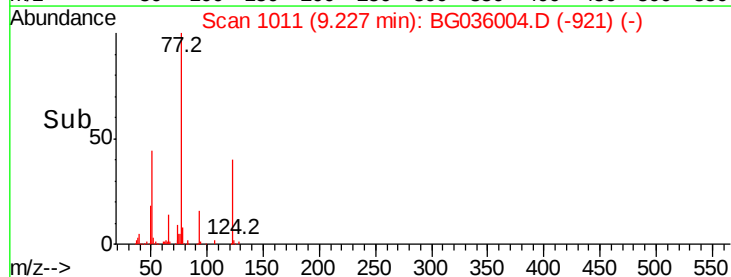
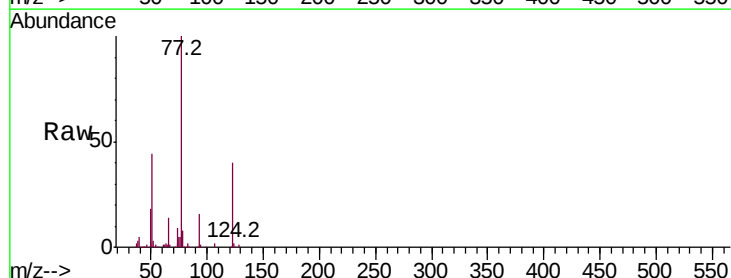
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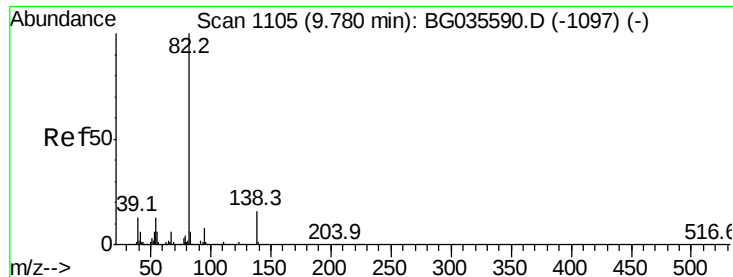
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#24
Nitrobenzene
Concen: 46.856 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BG036004.D
Acq: 31 Jul 2018 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	40.3	33.0	49.6	
65	14.3	13.0	19.6	





#25

Isophorone

Concen: 50.298 ng

RT: 9.75 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

Instrument :

BNA_G

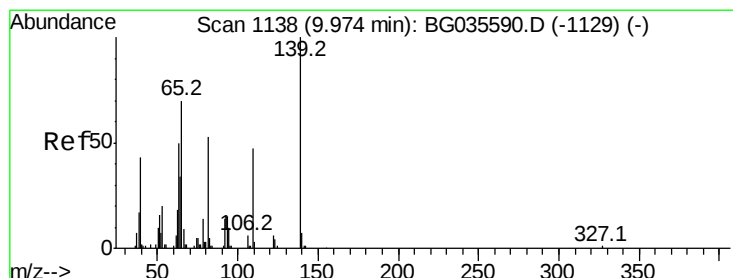
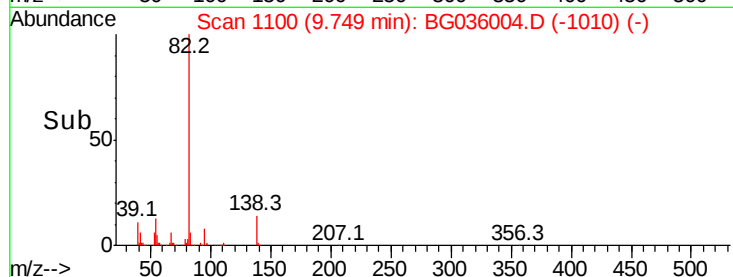
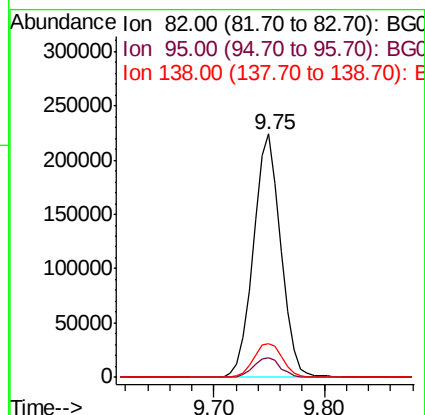
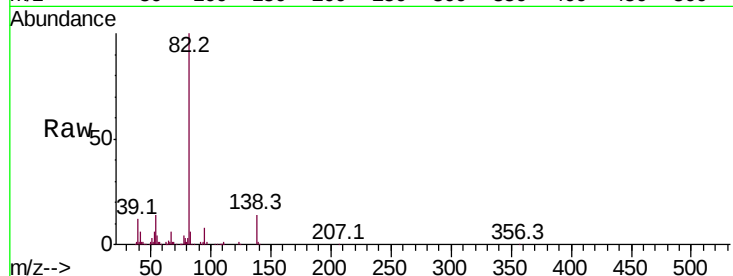
ClientSampleId :

PB111524BS

Tot Ion:	82	Resp:	388614
Ion Ratio	Lower	Upper	
82	100		
95	8.2	6.2	9.2
138	14.1	12.1	18.1

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#26

2-Nitrophenol

Concen: 58.811 ng

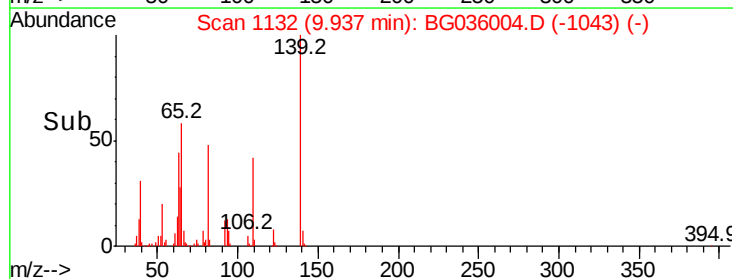
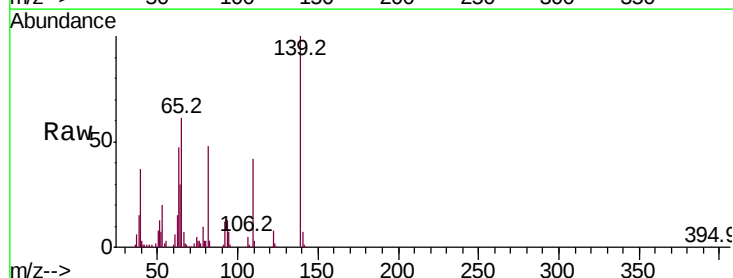
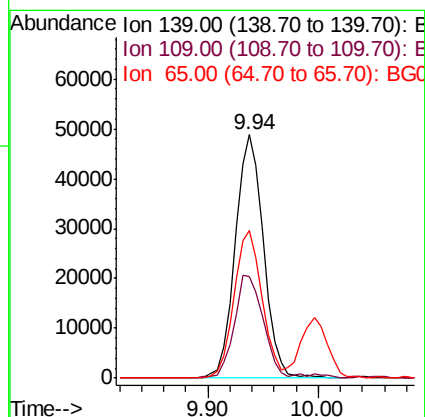
RT: 9.94 min Scan# 1132

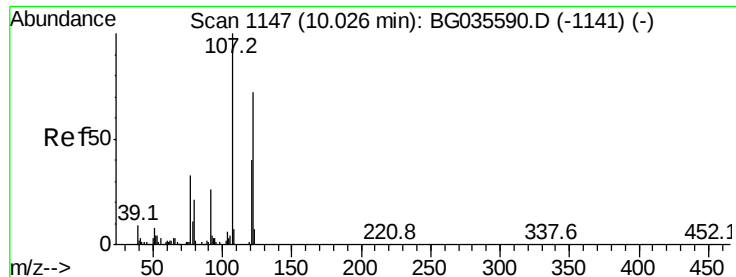
Delta R.T. -0.01 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

Tgt Ion:	139	Resp:	87426
Ion Ratio	Lower	Upper	
139	100		
109	42.0	24.2	36.2#
65	60.5	47.4	71.0





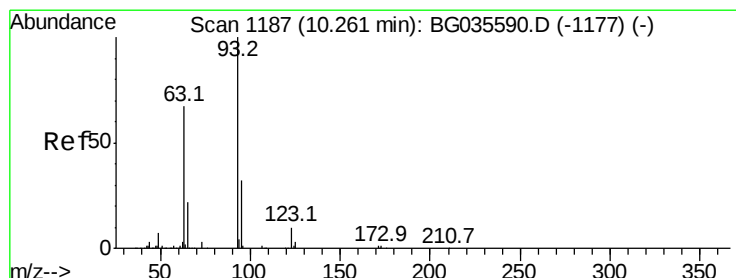
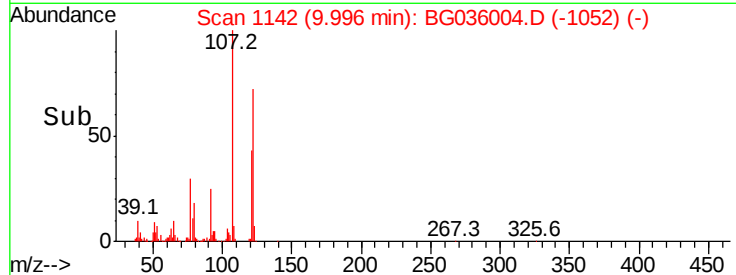
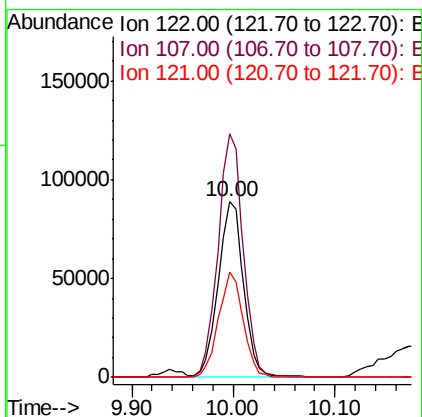
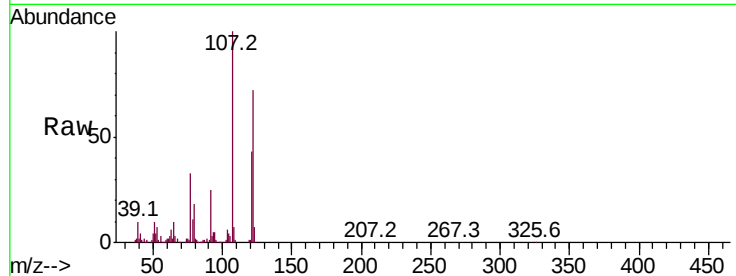
#27
2,4-Dimethylphenol
Concen: 61.089 ng
RT: 10.00 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BG036004.D
Acq: 31 Jul 2018 16:50

Instrument :
BNA_G
ClientSampleId :
PB111524BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	138.9	100.2	150.2
121	60.0	44.4	66.6

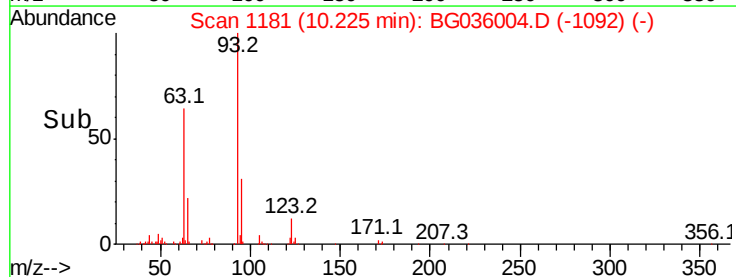
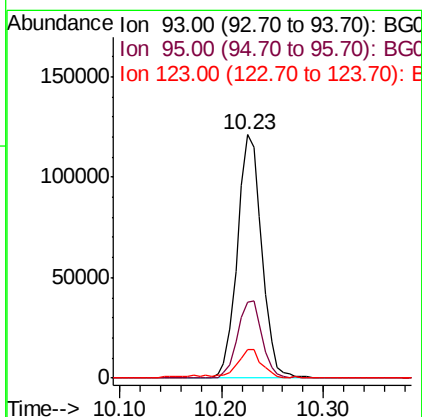
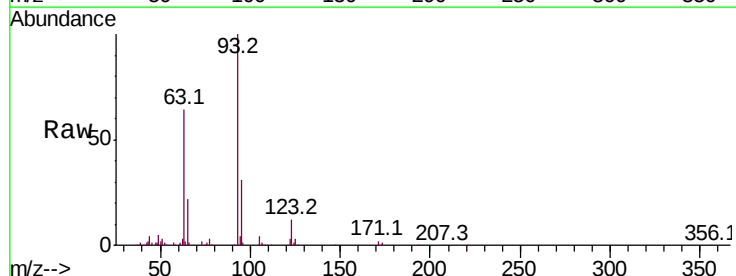
Manual Integrations
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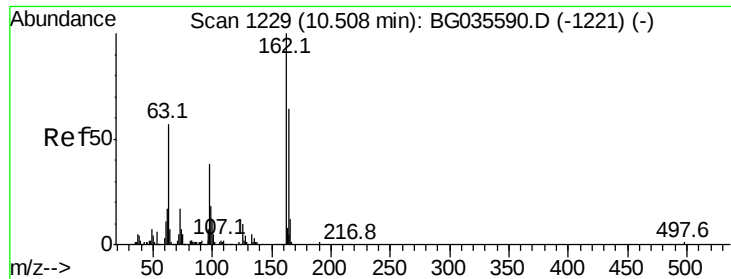
Sohil
8/1/2018 5:08:50 PM



#28
bis(2-Chloroethoxy)methane
Concen: 47.461 ng
RT: 10.23 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BG036004.D
Acq: 31 Jul 2018 16:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.3	24.3	36.5
123	11.7	8.4	12.6





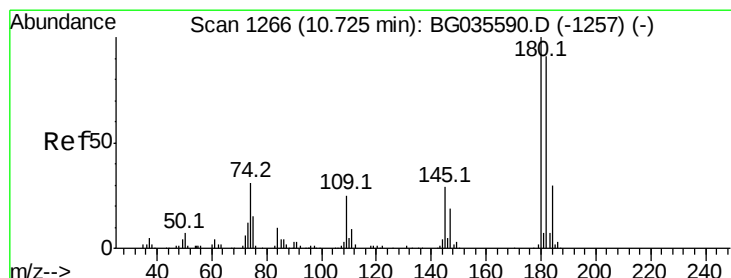
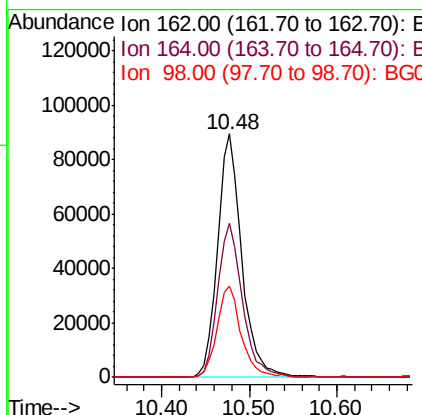
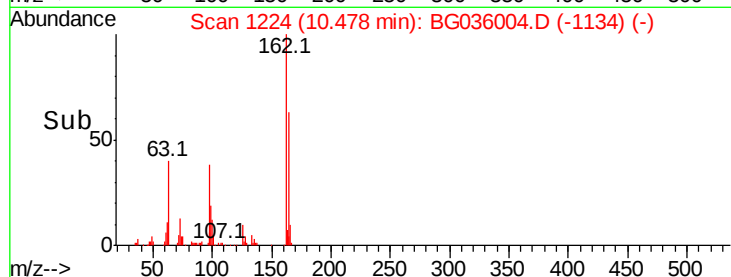
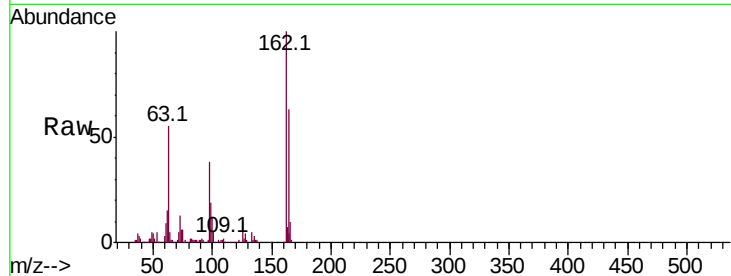
#29
2,4-Dichlorophenol
Concen: 59.463 ng
RT: 10.48 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BG036004.D
Acq: 31 Jul 2018 16:50

Instrument :
BNA_G
ClientSampleId :
PB111524BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	63.2	48.0	88.0	
98	37.6	21.1	61.1	

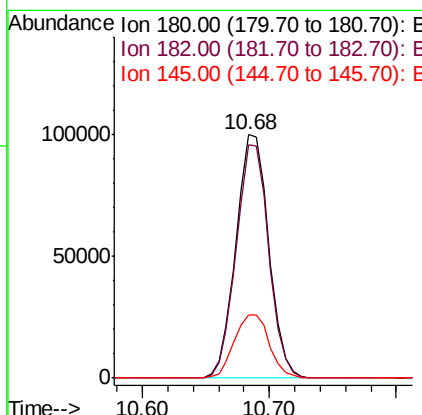
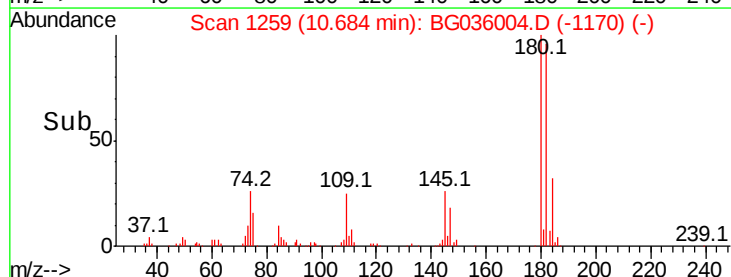
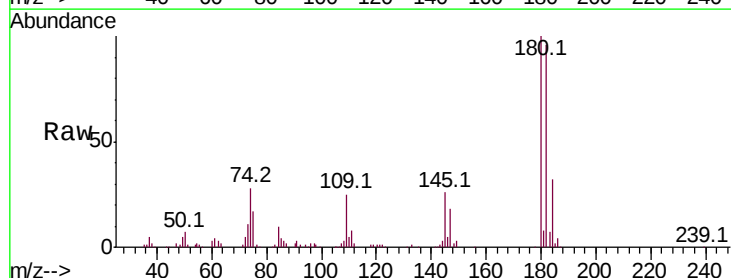
Manual Integrations
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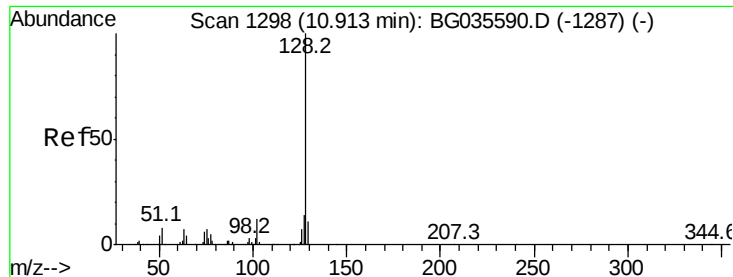
Sohil
8/1/2018 5:08:50 PM



#30
1,2,4-Trichlorobenzene
Concen: 50.978 ng
RT: 10.68 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BG036004.D
Acq: 31 Jul 2018 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.0	77.5	116.3	
145	26.0	23.4	35.2	





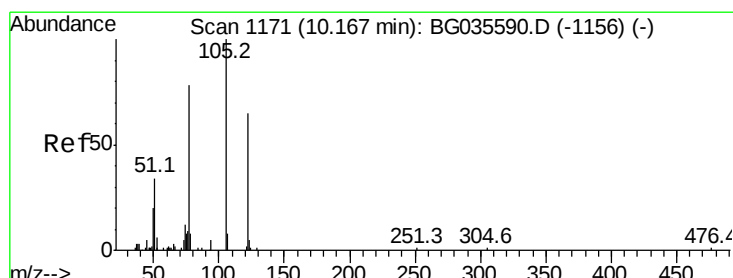
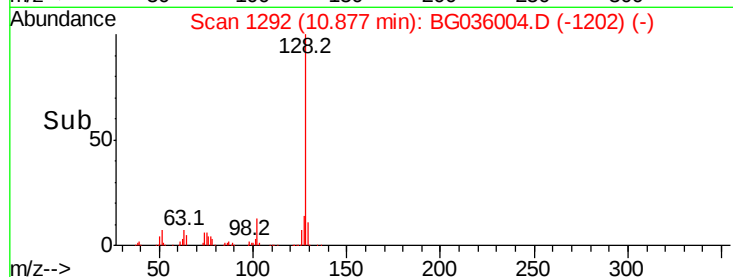
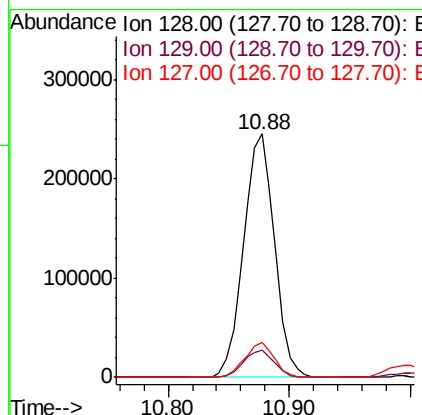
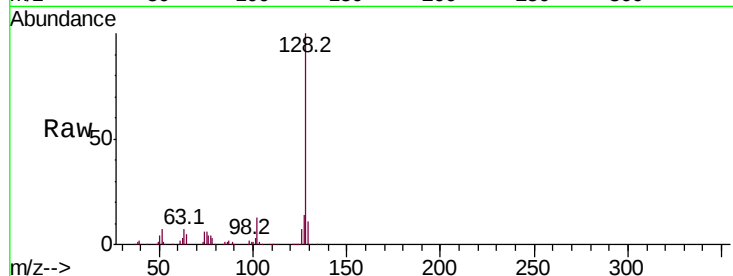
#31
Naphthalene
Concen: 48.164 ng
RT: 10.88 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BG036004.D
Acq: 31 Jul 2018 16:50

Instrument :
BNA_G
ClientSampleId :
PB111524BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	12.8
127	14.4	11.6	17.4

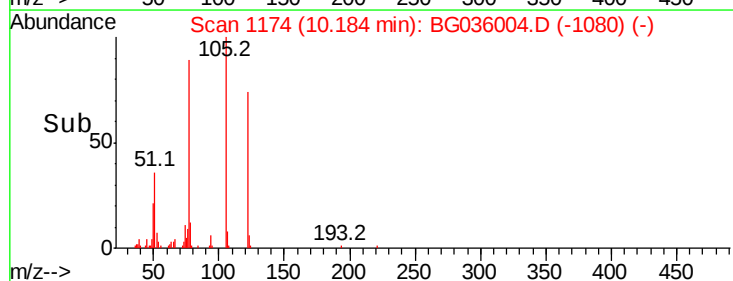
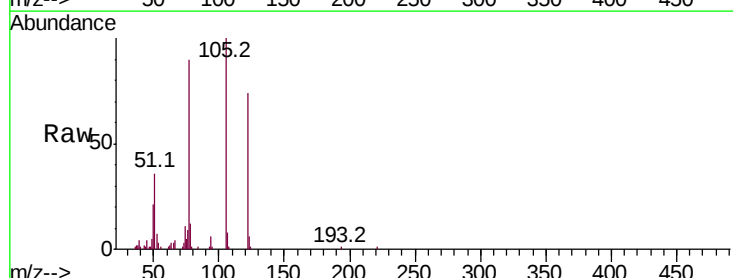
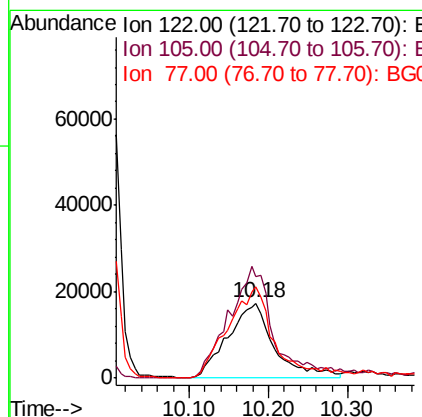
Manual Integrations
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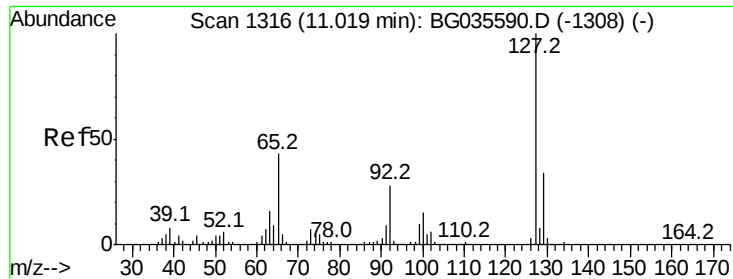
Sohil
8/1/2018 5:08:50 PM



#32
Benzoic acid
Concen: 41.786 ng
RT: 10.18 min Scan# 1174
Delta R.T. 0.02 min
Lab File: BG036004.D
Acq: 31 Jul 2018 16:50

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.4	123.5	163.5
77	122.2	85.7	125.7





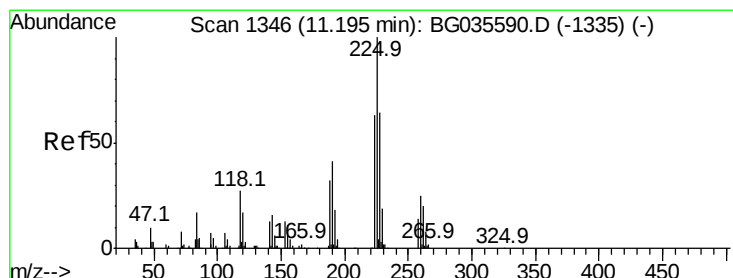
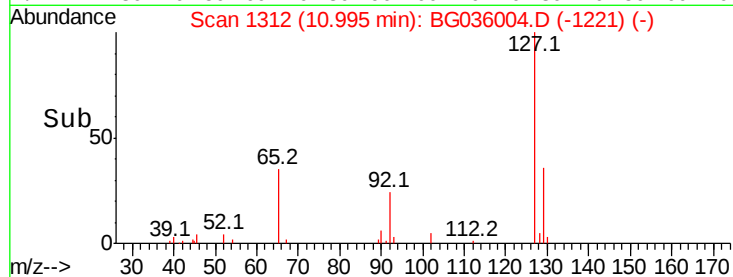
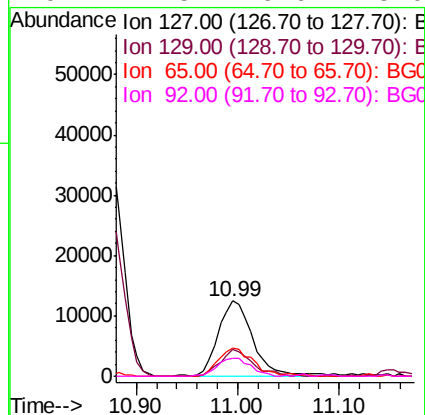
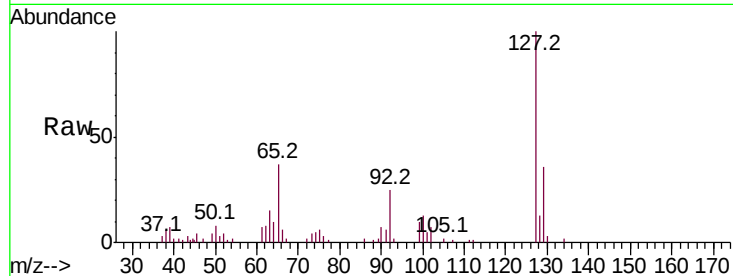
#33
4-Chloroaniline
Concen: 7.539 ng
RT: 10.99 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BG036004.D
Acq: 31 Jul 2018 16:50

Instrument :
BNA_G
ClientSampled :
PB111524BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	36.0	24.0	36.0
65	37.3	27.0	40.4
92	24.5	16.6	25.0

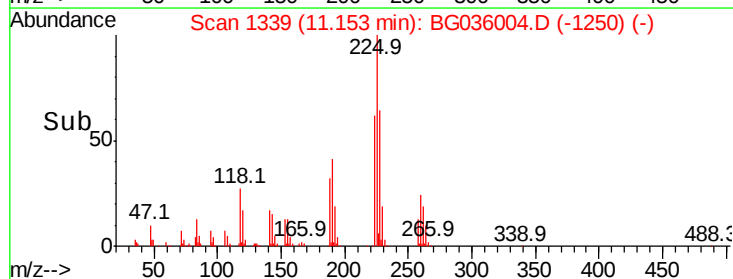
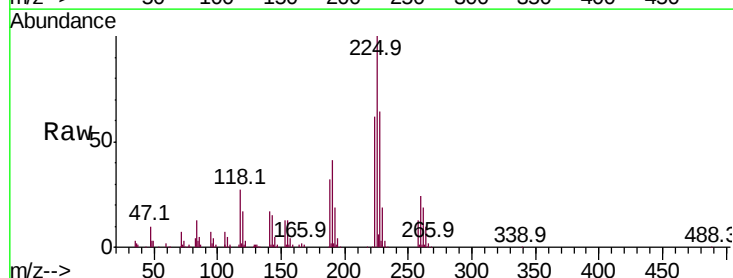
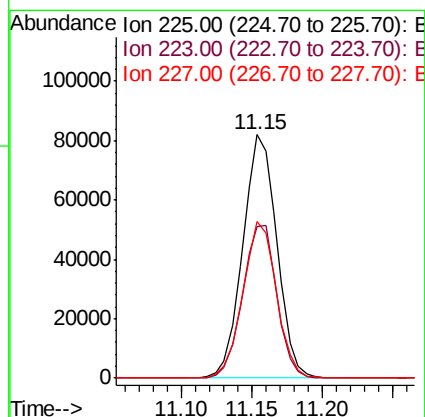
Manual Integrations
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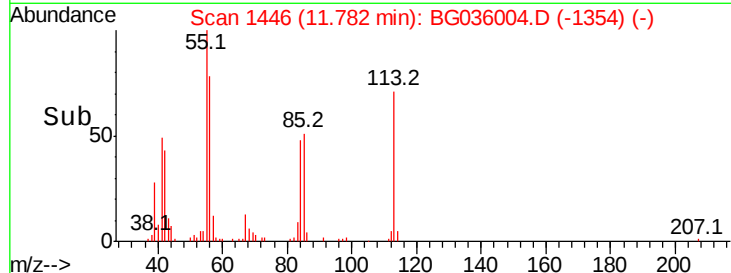
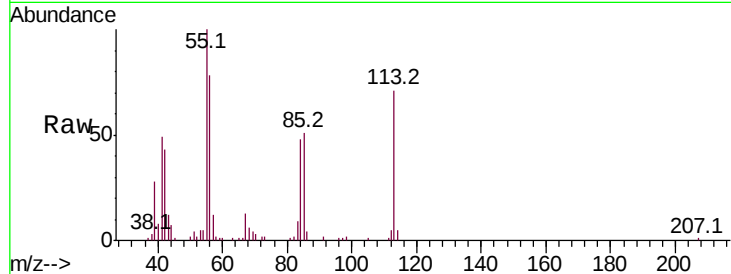
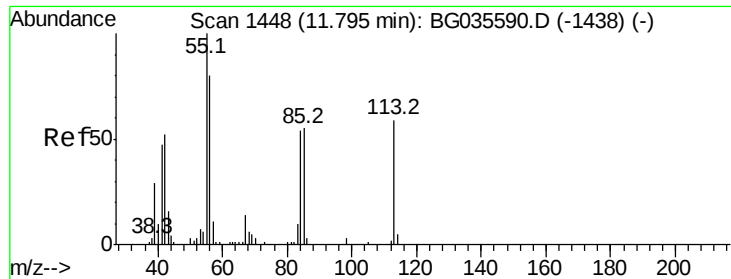
Sohil
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#34
Hexachlorobutadiene
Concen: 50.397 ng
RT: 11.15 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BG036004.D
Acq: 31 Jul 2018 16:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.7	74.5
227	64.1	48.1	72.1





#35

Caprolactam

Concen: 46.307 ng/ml

RT: 11.78 min Scan# 1446

Delta R.T. 0.01 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

Instrument :

BNA_G

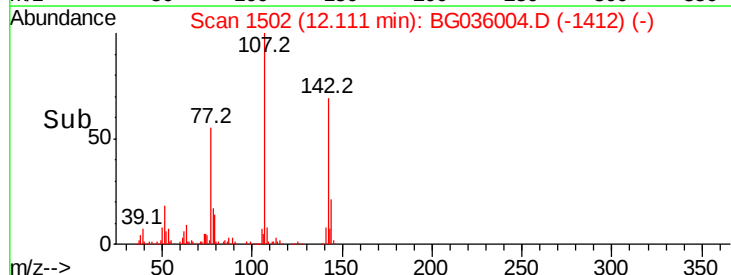
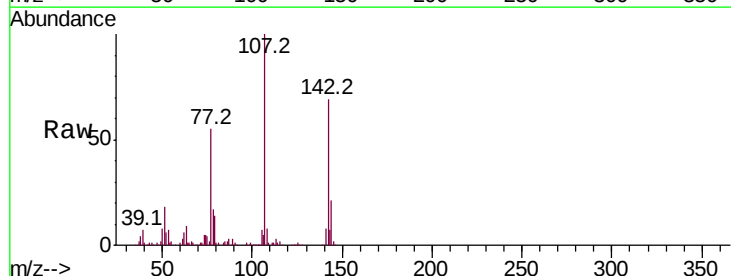
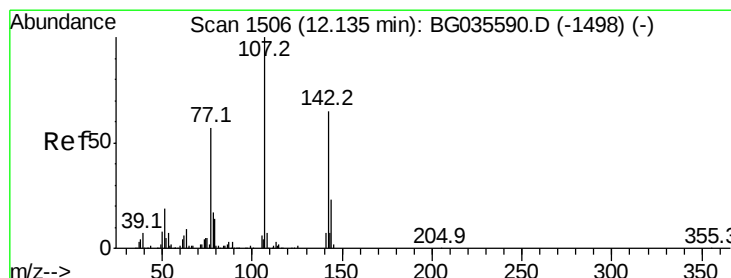
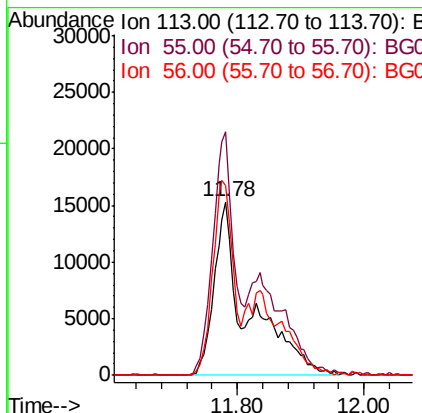
ClientSampleId :

PB111524BS

Tot Ion:	113	Resp:	57081
Ion Ratio	Lower	Upper	
113	100		
55	140.3	186.9	226.9#
56	109.1	130.9	170.9#

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#36

4-Chloro-3-methylphenol

Concen: 53.401 ng/ml

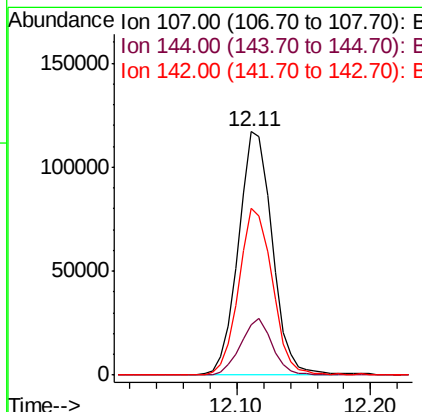
RT: 12.11 min Scan# 1502

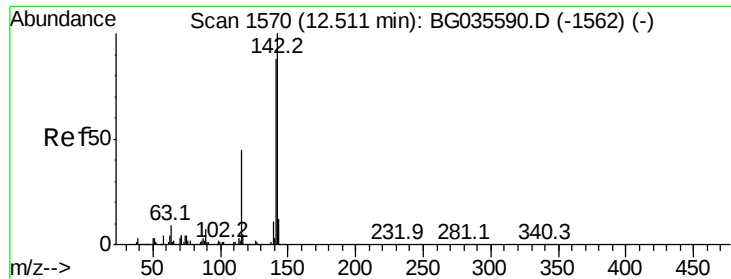
Delta R.T. -0.00 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

Tgt Ion:	107	Resp:	205608
Ion Ratio	Lower	Upper	
107	100		
144	20.9	18.2	27.4
142	68.6	59.0	88.4





#37

2-Methylnaphthalene

Concen: 51.406 ng

RT: 12.48 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

Instrument :

BNA_G

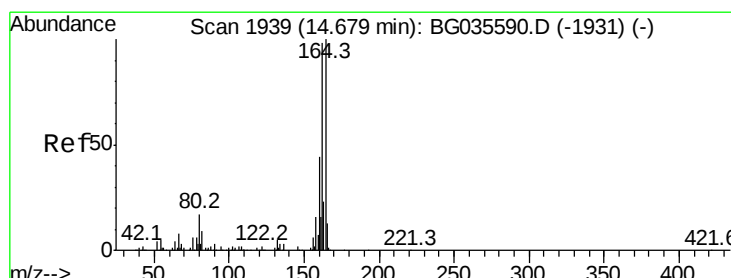
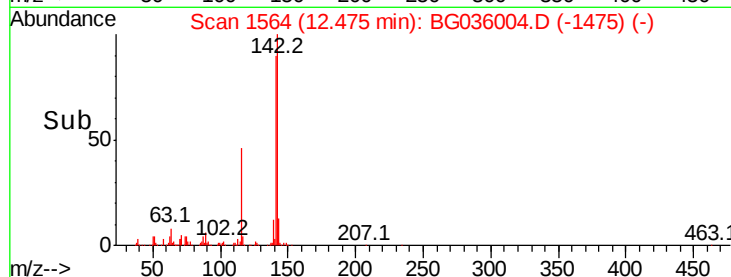
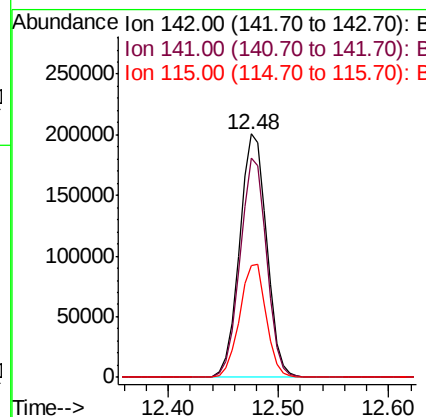
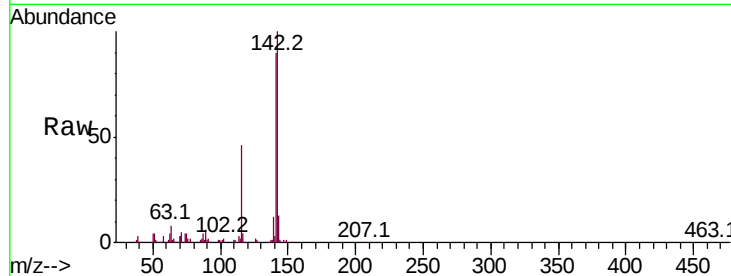
ClientSampleId :

PB111524BS

Tot Ion:	142	Resp:	346866
Ion Ratio	Lower	Upper	
142	100		
141	90.1	67.1	100.7
115	45.7	30.7	46.1

Manual Integrations
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#38

Acenaphthene-d10

Concen: 20.000 ng

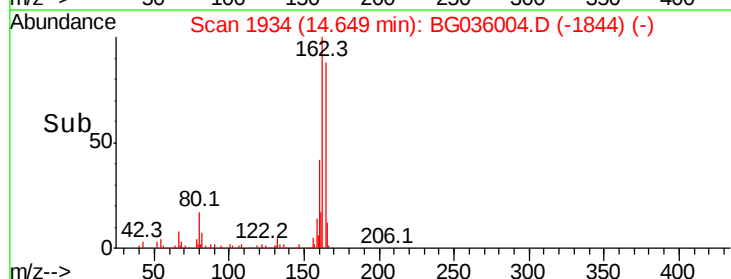
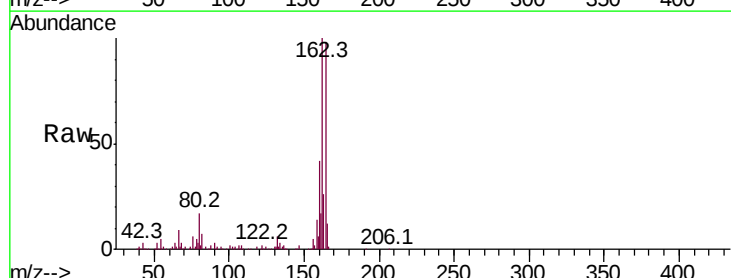
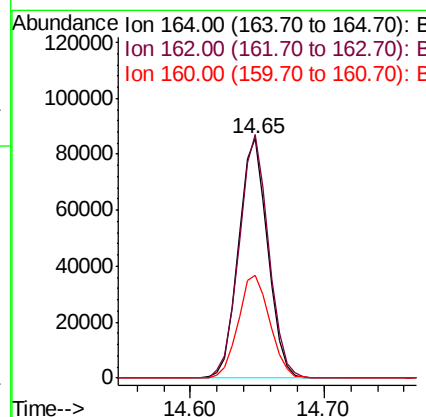
RT: 14.65 min Scan# 1934

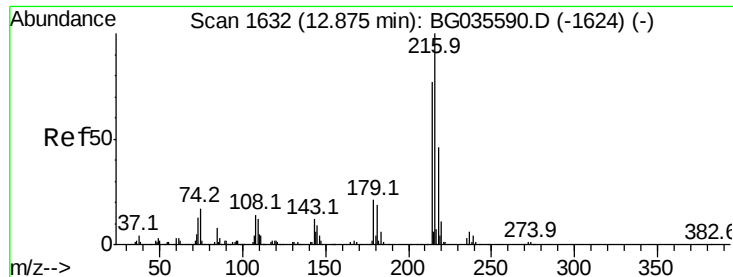
Delta R.T. -0.00 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

Tgt Ion:	164	Resp:	129478
Ion Ratio	Lower	Upper	
164	100		
162	101.8	78.8	118.2
160	42.8	35.4	53.0





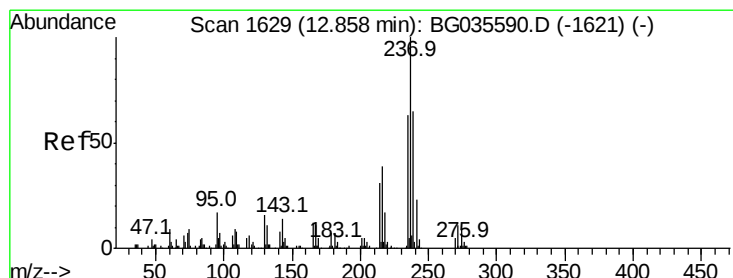
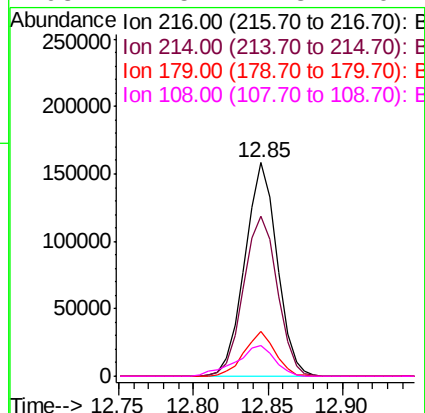
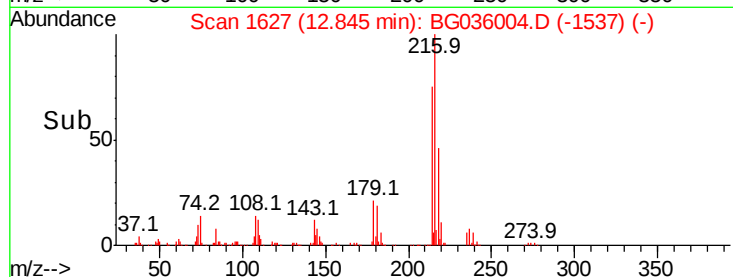
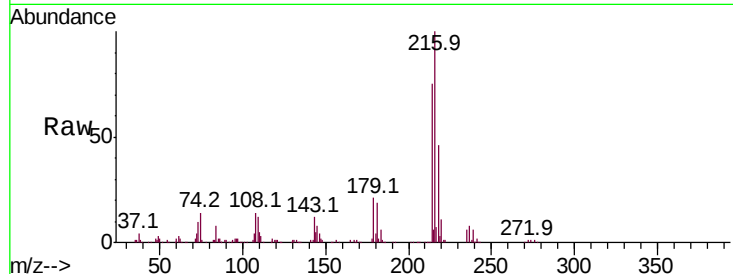
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.572 ng
 RT: 12.85 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: BG036004.D
 Acq: 31 Jul 2018 16:50

Instrument :
 BNA_G
 ClientSampleId :
 PB111524BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.1	63.0	94.4
179	20.0	17.0	25.6
108	17.5	12.8	19.2

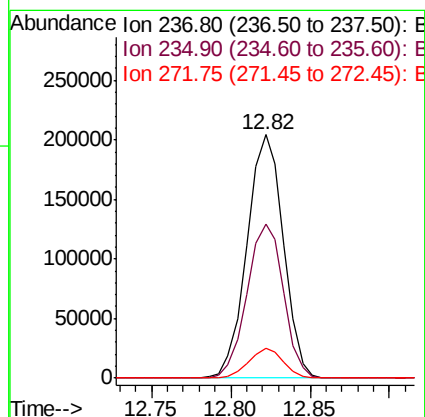
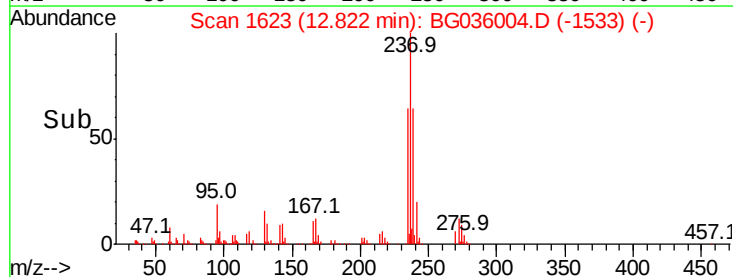
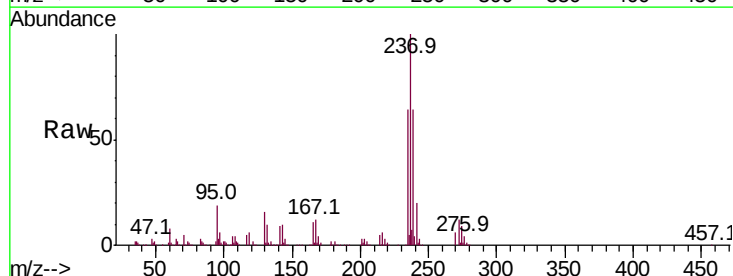
Manual Integrations
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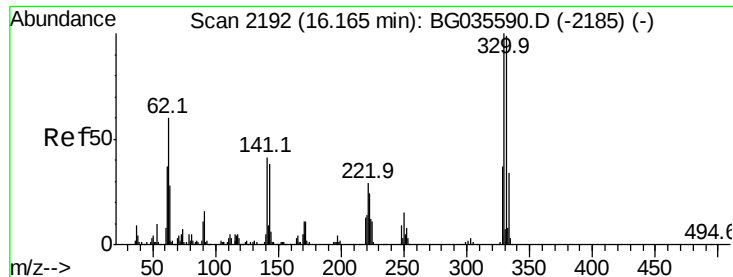
Sohil
 8/1/2018 5:08:50 PM



#40
 Hexachlorocyclopentadiene
 Concen: 127.067 ng
 RT: 12.82 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BG036004.D
 Acq: 31 Jul 2018 16:50

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.5	50.4	90.4
272	12.3	0.0	31.8





#41

2,4,6-Tribromophenol

Concen: 178.608 ng

RT: 16.14 min Scan# 2188

Delta R.T. -0.00 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

Instrument :

BNA_G

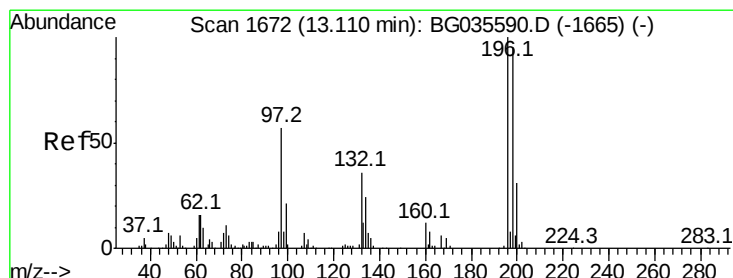
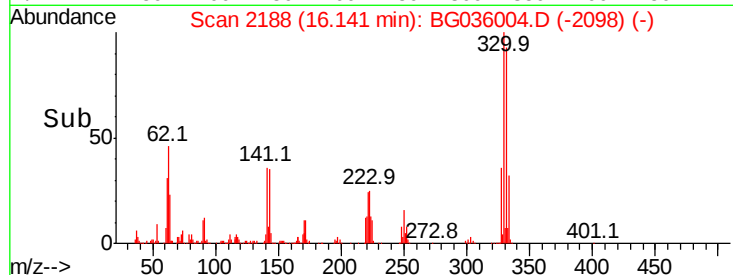
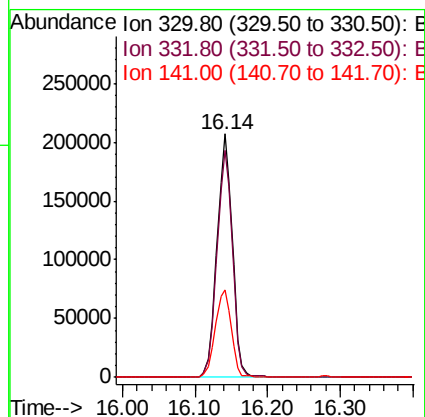
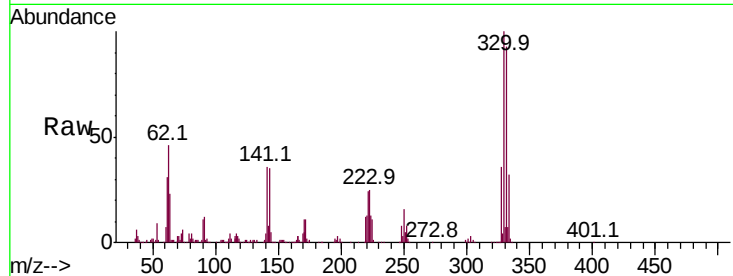
ClientSampled :

PB111524BS

Tot Ion:	330	Resp:	304813
Ion Ratio	Lower	Upper	
330	100		
332	93.8	77.0	115.6
141	37.4	25.2	37.8

Manual Integrations
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#42

2,4,6-Trichlorophenol

Concen: 56.068 ng

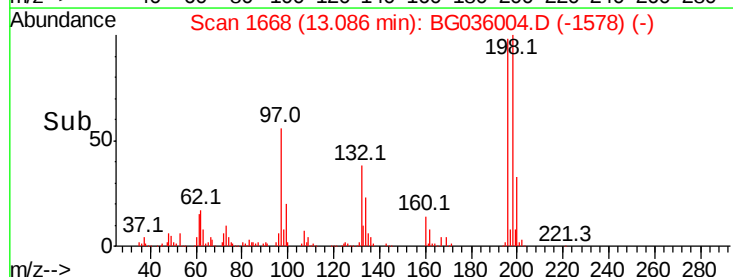
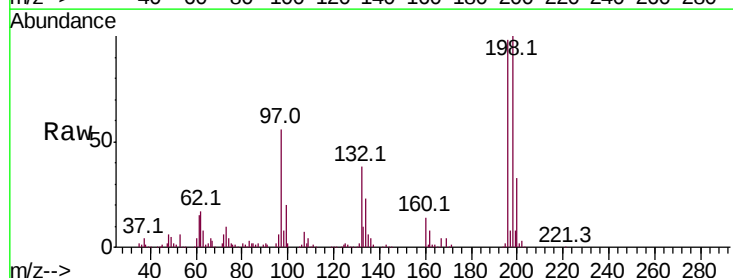
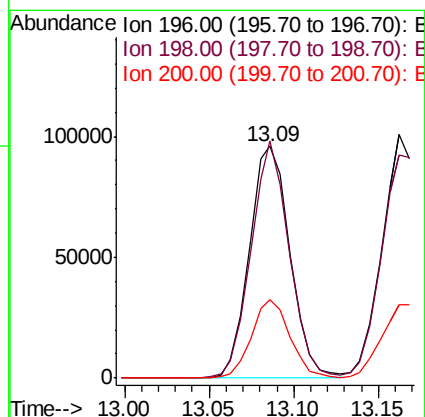
RT: 13.09 min Scan# 1668

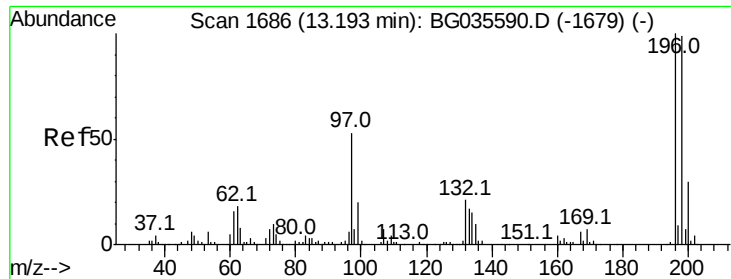
Delta R.T. -0.00 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

Tgt Ion:	196	Resp:	160236
Ion Ratio	Lower	Upper	
196	100		
198	102.5	78.2	117.2
200	34.0	24.6	36.8





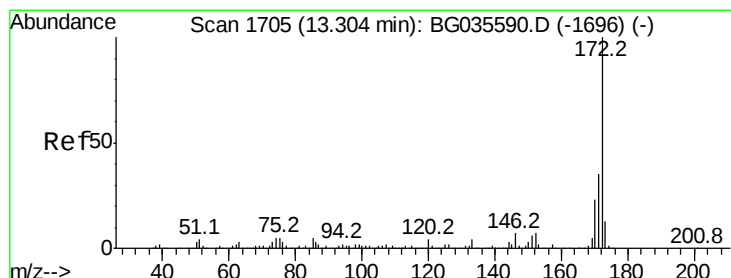
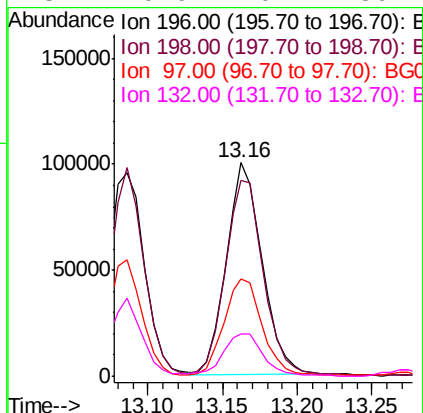
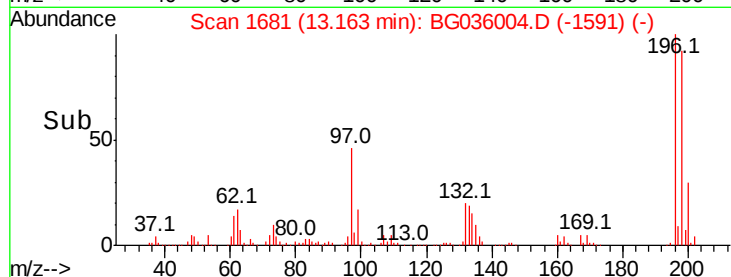
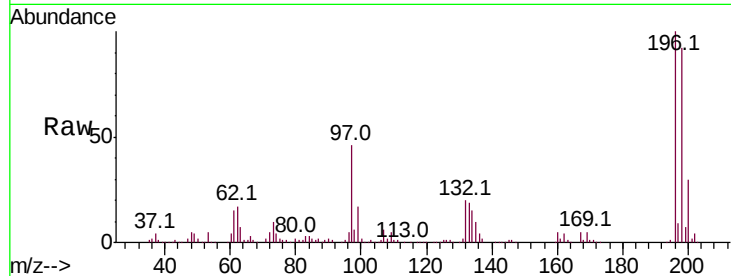
#43
 2,4,5-Trichlorophenol
 Concen: 52.701 ng
 RT: 13.16 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: BG036004.D
 Acq: 31 Jul 2018 16:50

Instrument :
 BNA_G
 ClientSampleId :
 PB111524BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	168492		
198	91.5	76.2	114.4	
97	45.7	38.7	58.1	
132	19.9	20.2	30.2	

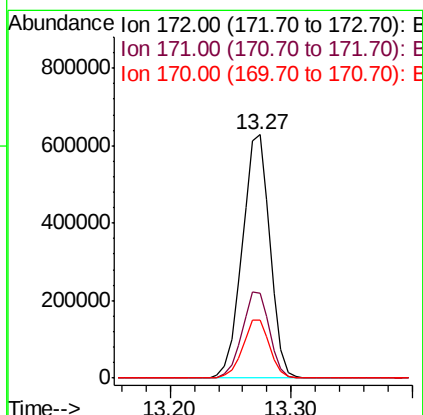
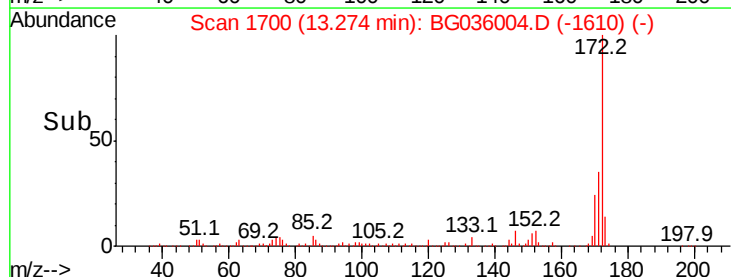
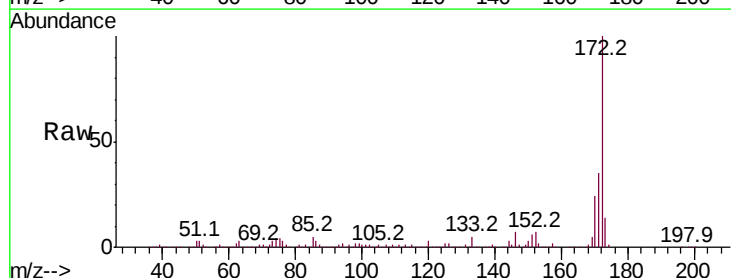
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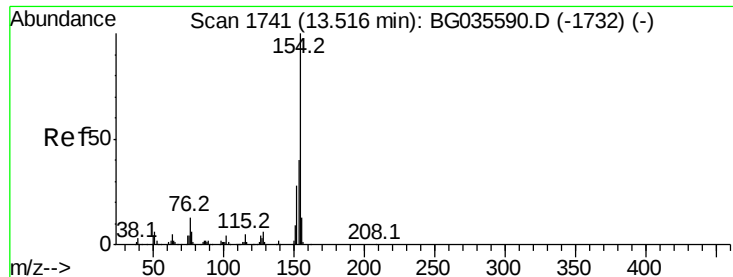
Sohil
 8/1/2018 5:08:50 PM



#44
 2-Fluorobiphenyl
 Concen: 103.607 ng
 RT: 13.27 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: BG036004.D
 Acq: 31 Jul 2018 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1001297		
171	34.8	30.0	45.0	
170	23.7	19.5	29.3	





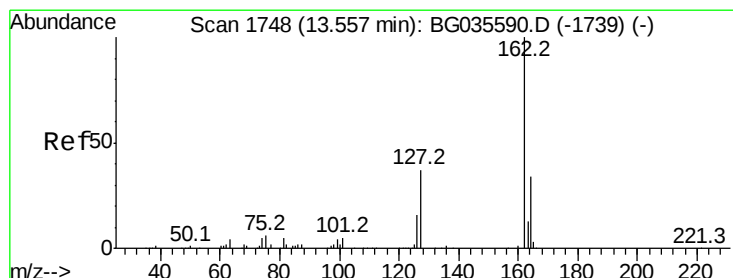
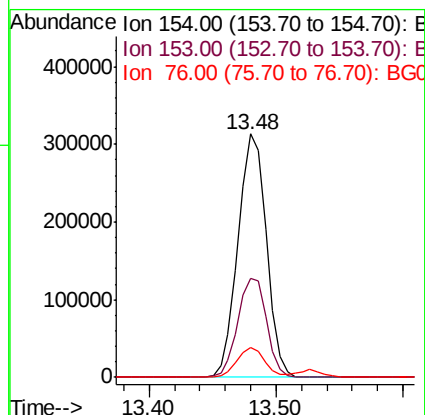
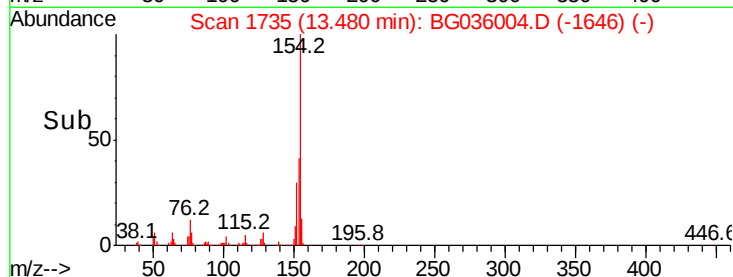
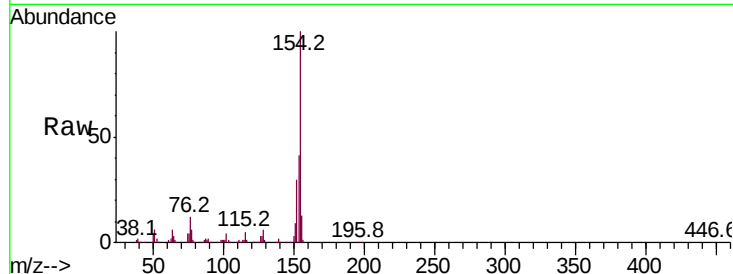
#45
 1,1'-Biphenyl
 Concen: 48.237 ng
 RT: 13.48 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BG036004.D
 Acq: 31 Jul 2018 16:50

Instrument :
 BNA_G
 ClientSampleId :
 PB111524BS

Tot Ion:	154	Resp:	484224
Ion Ratio	Lower	Upper	
154	100		
153	40.8	19.8	59.8
76	12.4	0.0	31.9

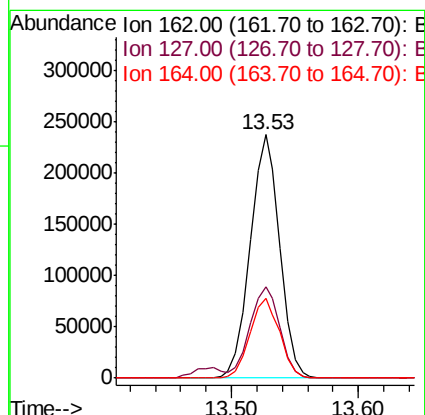
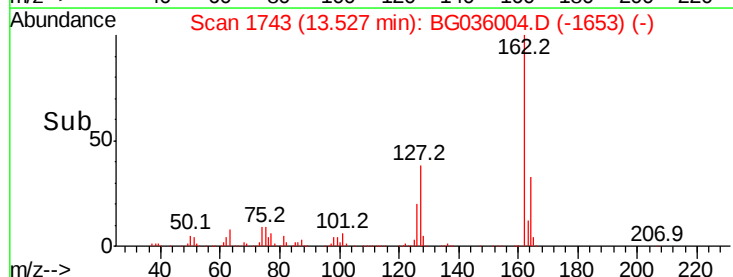
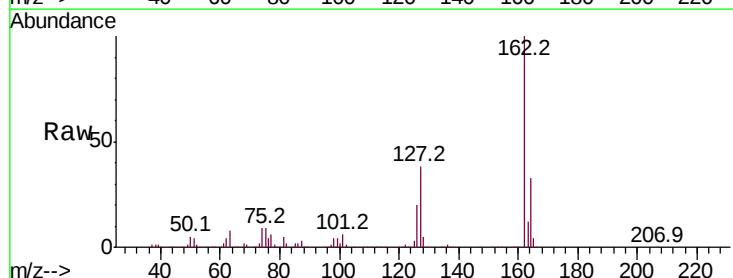
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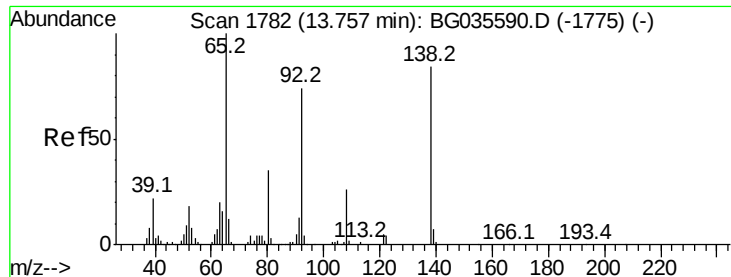
Sohil
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#46
 2-Chloronaphthalene
 Concen: 48.938 ng
 RT: 13.53 min Scan# 1743
 Delta R.T. -0.00 min
 Lab File: BG036004.D
 Acq: 31 Jul 2018 16:50

Tgt Ion:	162	Resp:	382122
Ion Ratio	Lower	Upper	
162	100		
127	37.6	30.7	46.1
164	32.9	26.0	39.0





#47

2-Nitroaniline

Concen: 46.549 ng

RT: 13.73 min Scan# 1778

Delta R.T. -0.00 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

Instrument :

BNA_G

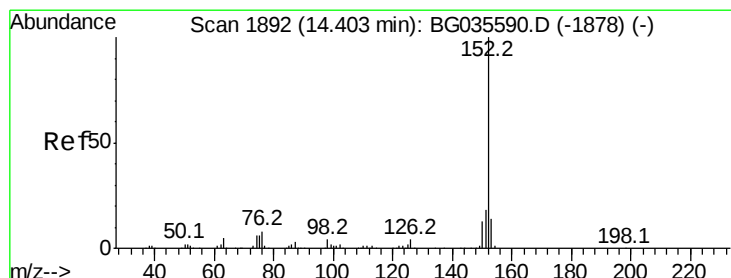
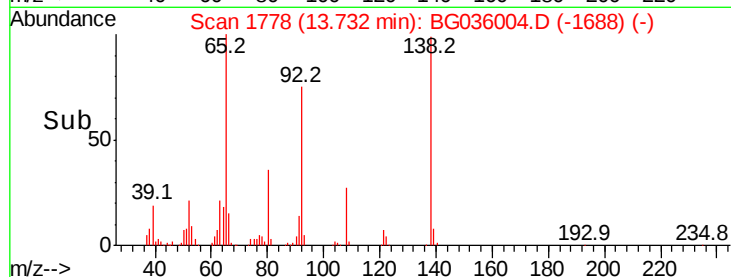
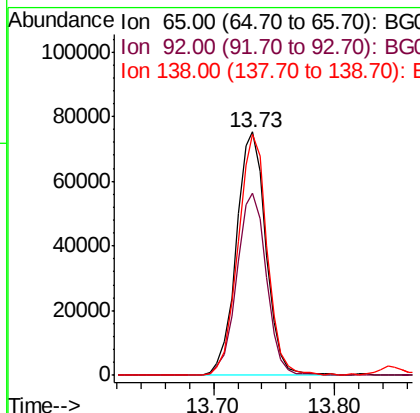
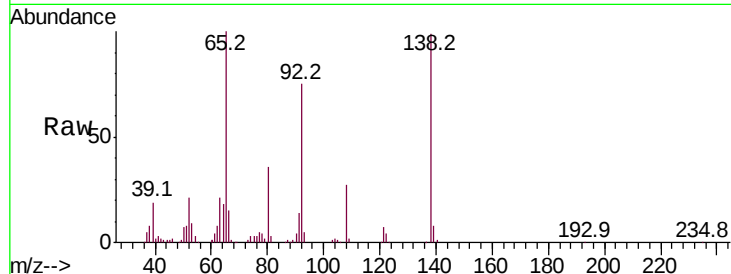
ClientSampleId :

PB111524BS

Tot Ion:	65	Resp:	128496
Ion Ratio	Lower	Upper	
65	100		
92	74.6	54.6	82.0
138	99.2	72.9	109.3

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#48

Acenaphthylene

Concen: 47.918 ng

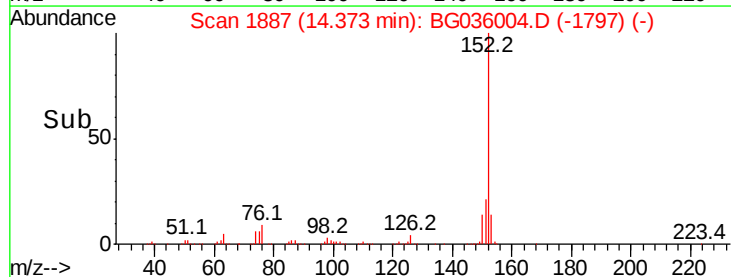
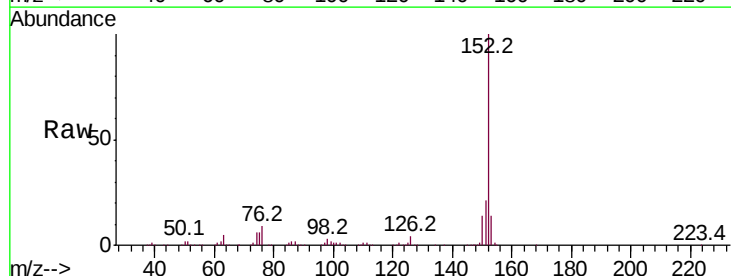
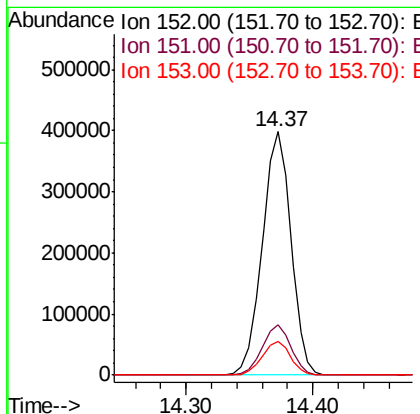
RT: 14.37 min Scan# 1887

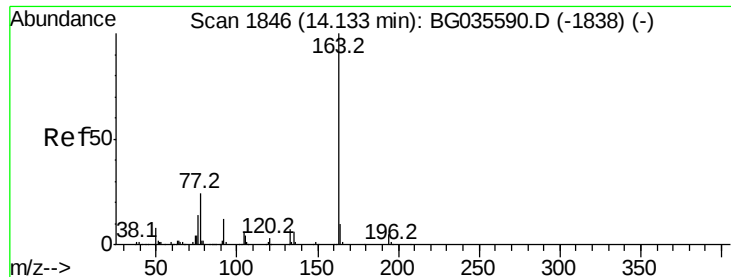
Delta R.T. -0.00 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

Tgt Ion:	152	Resp:	626755
Ion Ratio	Lower	Upper	
152	100		
151	20.7	17.2	25.8
153	13.7	10.2	15.4





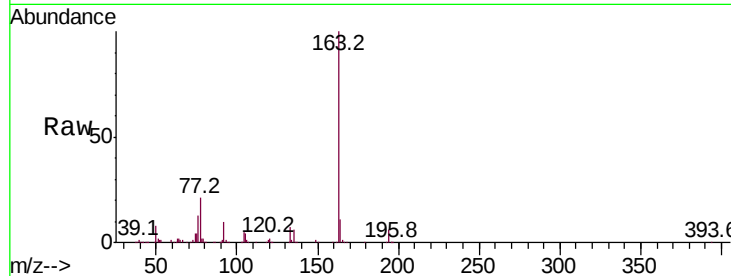
#49
Dimethylphthalate
Concen: 46.904 ng
RT: 14.10 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BG036004.D
Acq: 31 Jul 2018 16:50

Instrument :
BNA_G
ClientSampleId :
PB111524BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	5.8	3.4	5.2	
164	10.7	8.2	12.4	

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Abundance

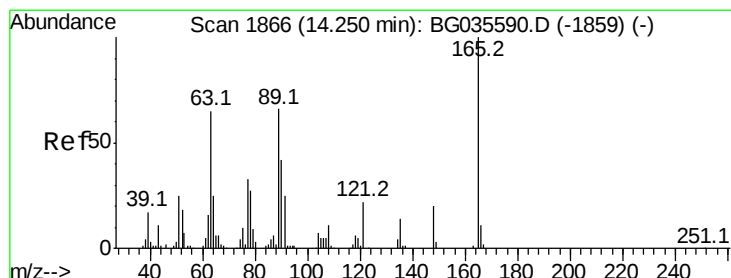
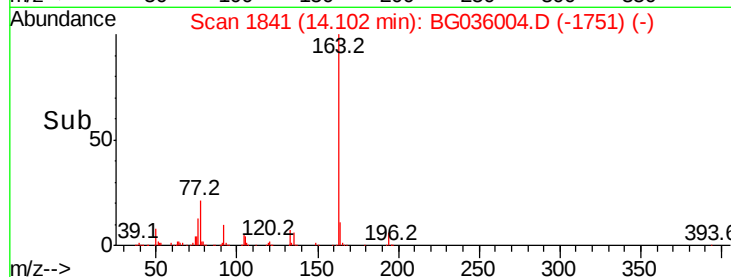
Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

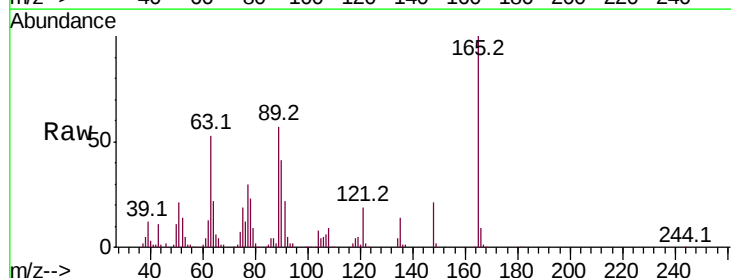
14.10

Time--> 14.00 14.10 14.20



#50
2,6-Dinitrotoluene
Concen: 52.769 ng
RT: 14.23 min Scan# 1862
Delta R.T. -0.00 min
Lab File: BG036004.D
Acq: 31 Jul 2018 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	53.2	52.7	79.1	
89	56.9	49.2	73.8	



Abundance

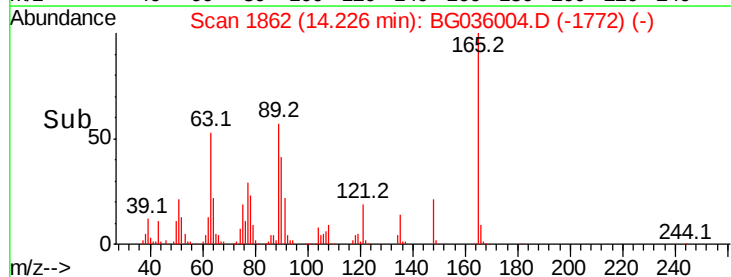
Ion 165.00 (164.70 to 165.70): E

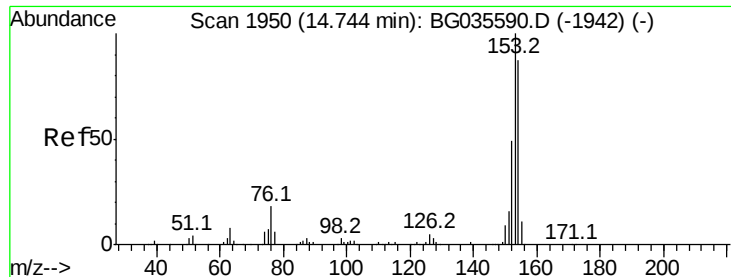
Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

14.23

Time--> 14.15 14.20 14.25 14.30





#51

Acenaphthene

Concen: 45.080 ng

RT: 14.71 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

Instrument :

BNA_G

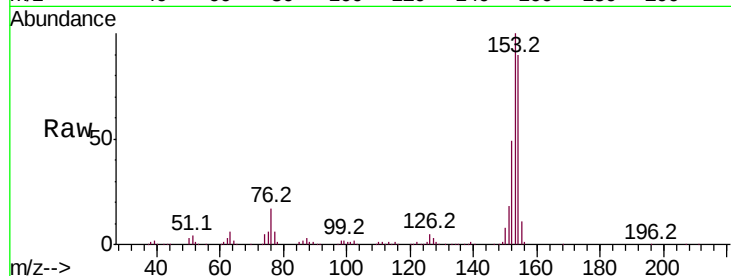
ClientSampleId :

PB111524BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	111.2	90.4	135.6
152	54.2	41.6	62.4

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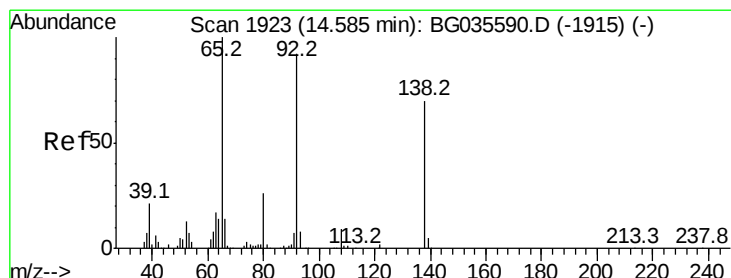
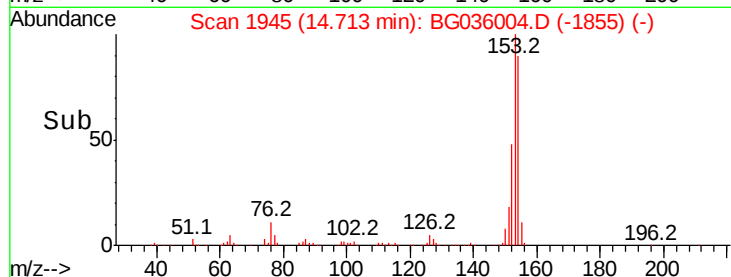
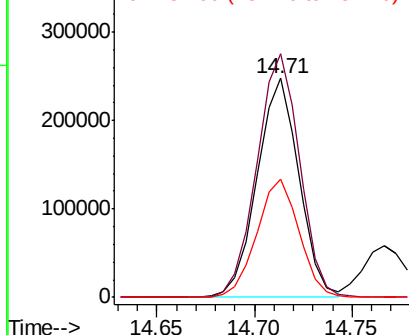


Abundance

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: 12.508 ng

RT: 14.56 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

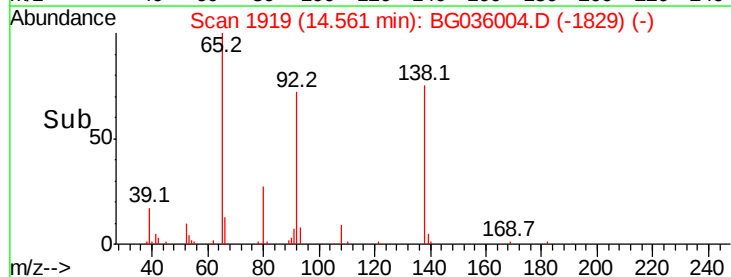
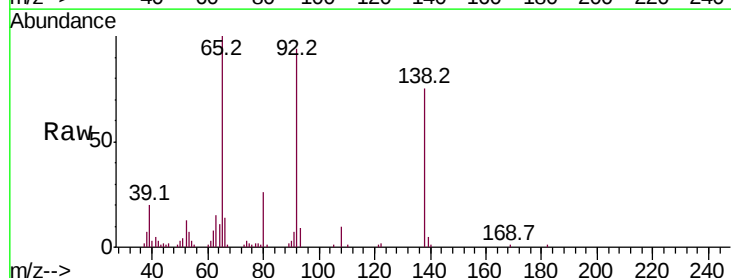
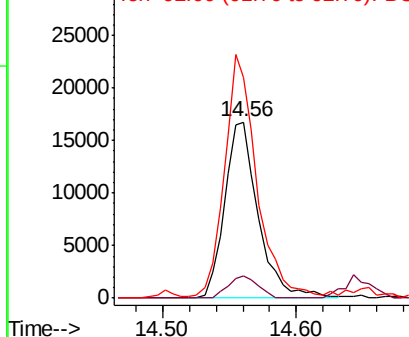
Tgt Ion	Ratio	Lower	Upper
138	100		
108	13.0	17.5	26.3#
92	125.4	105.8	158.8

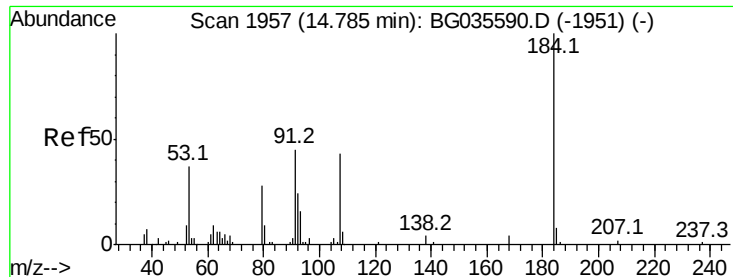
Abundance

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): BGC





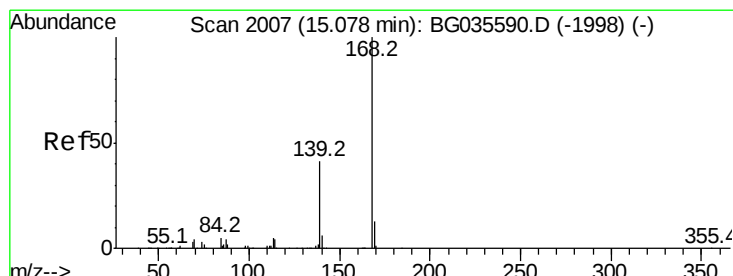
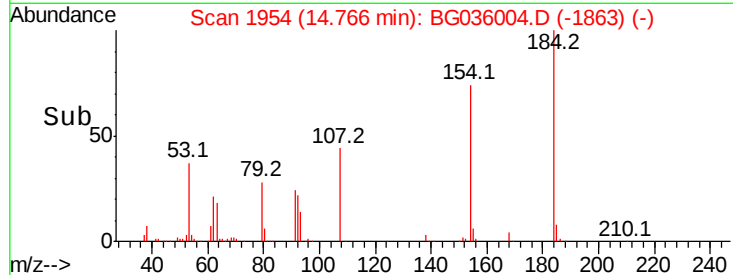
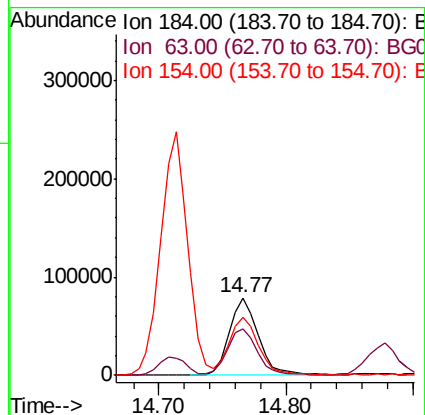
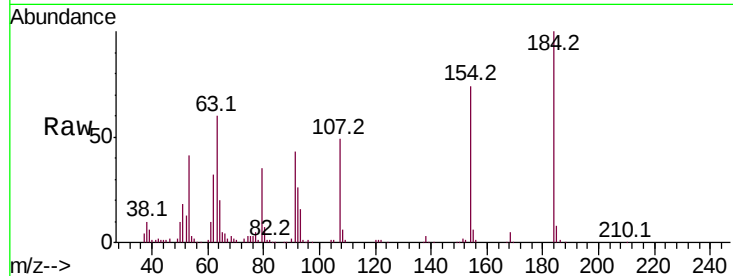
#53
 2,4-Dinitrophenol
 Concen: 103.740 ng
 RT: 14.77 min Scan# 1954
 Delta R.T. 0.00 min
 Lab File: BG036004.D
 Acq: 31 Jul 2018 16:50

Instrument :
 BNA_G
 ClientSampleId :
 PB111524BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	59.9	59.8	89.8	
154	73.9	101.8	152.8	

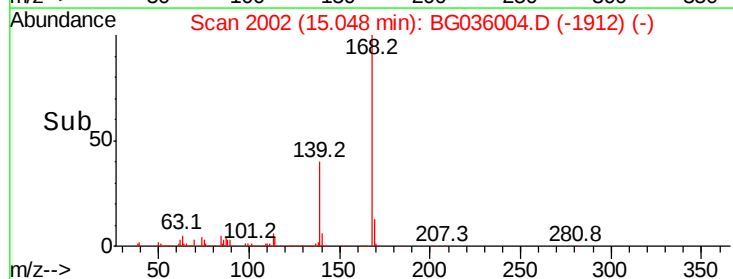
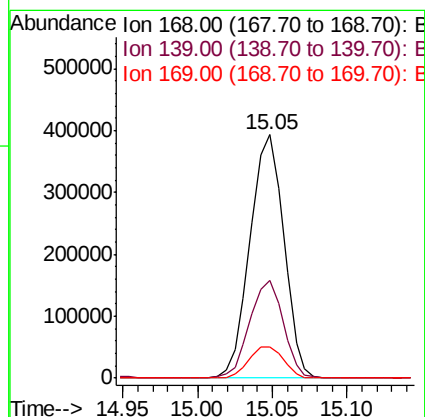
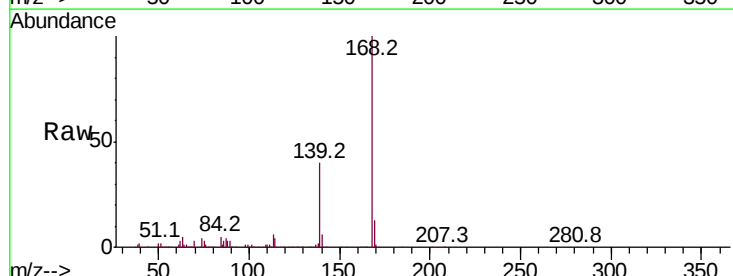
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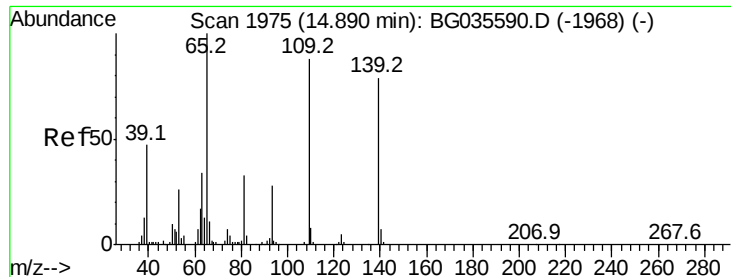
Sohil
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#54
 Dibenzofuran
 Concen: 47.580 ng
 RT: 15.05 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: BG036004.D
 Acq: 31 Jul 2018 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.0	28.6	43.0	
169	12.9	11.2	16.8	





#55

4-Nitrophenol

Concen: 95.498 ng

RT: 14.88 min Scan# 1973

Delta R.T. 0.00 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

Instrument :

BNA_G

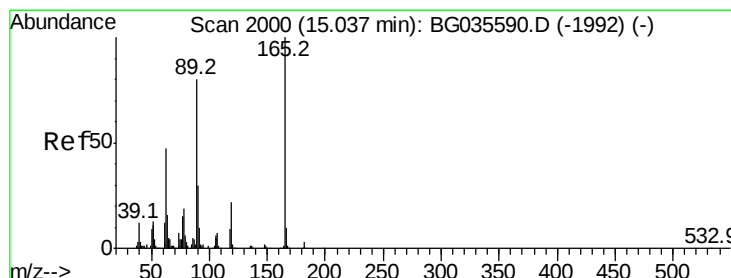
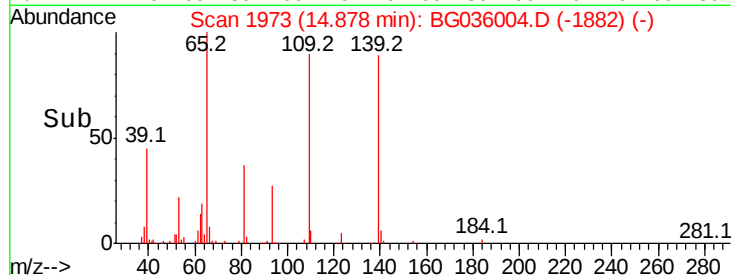
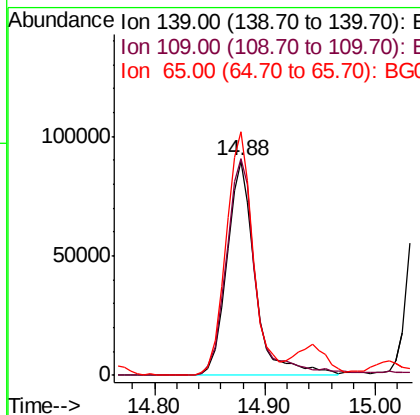
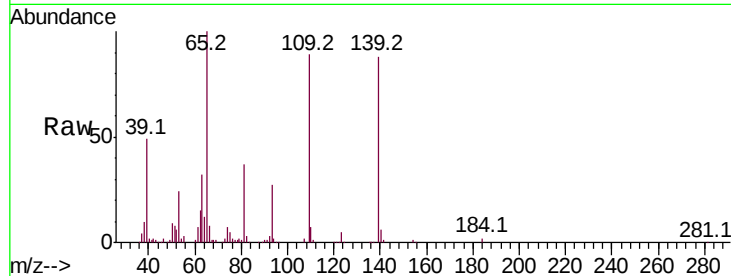
ClientSampleId :

PB111524BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	160577		
109	101.2	62.2	102.2	
65	113.4	97.2	137.2	

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#56

2,4-Dinitrotoluene

Concen: 52.126 ng

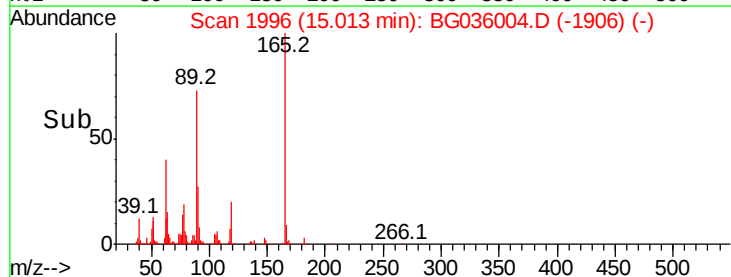
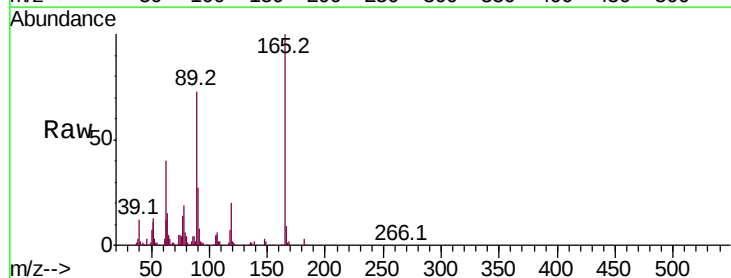
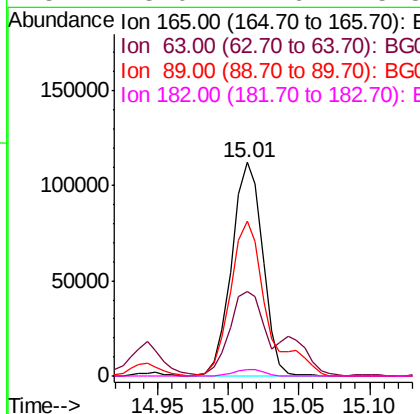
RT: 15.01 min Scan# 1996

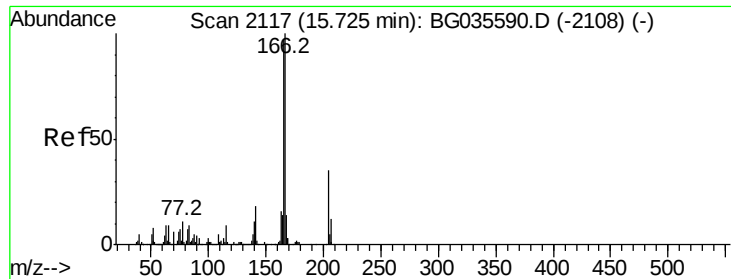
Delta R.T. -0.00 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	172752		
63	39.8	42.0	63.0	#
89	72.7	66.9	100.3	
182	3.0	2.6	3.8	





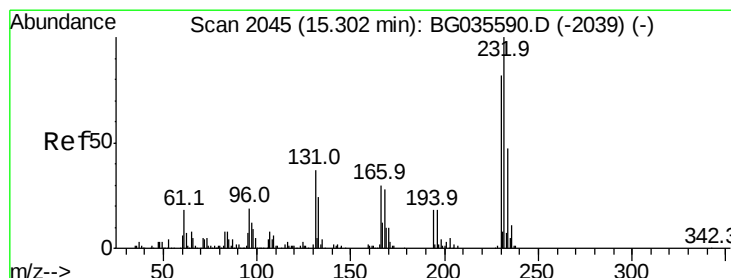
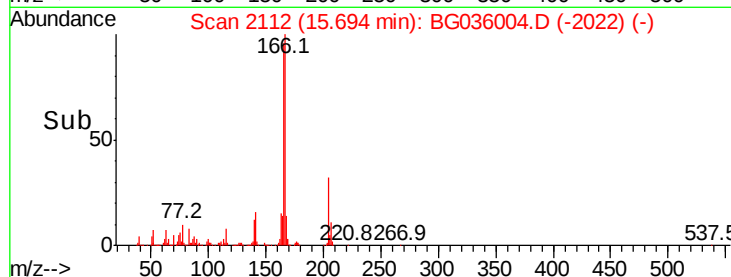
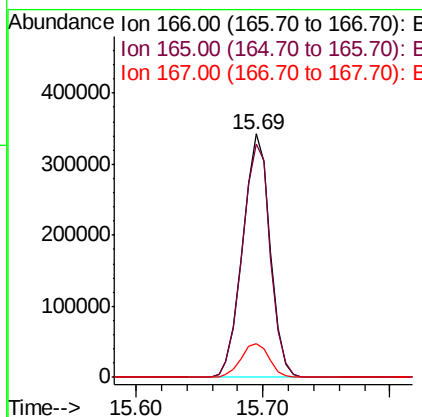
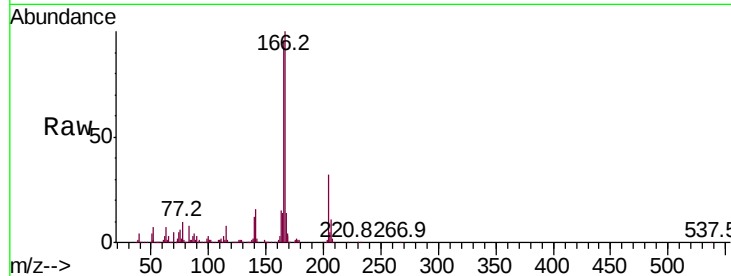
#57
 Fluorene
 Concen: 47.145 ng
 RT: 15.69 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: BG036004.D
 Acq: 31 Jul 2018 16:50

Instrument :
 BNA_G
 ClientSampleId :
 PB111524BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	95.8	80.6	121.0
167	13.8	10.4	15.6

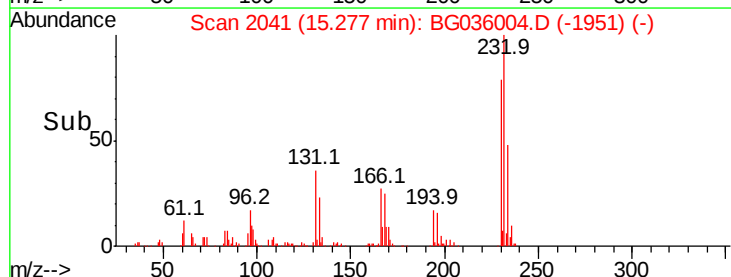
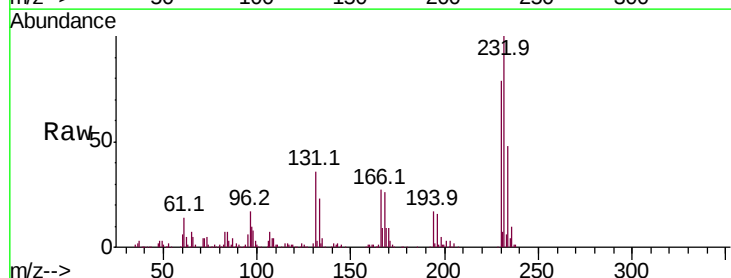
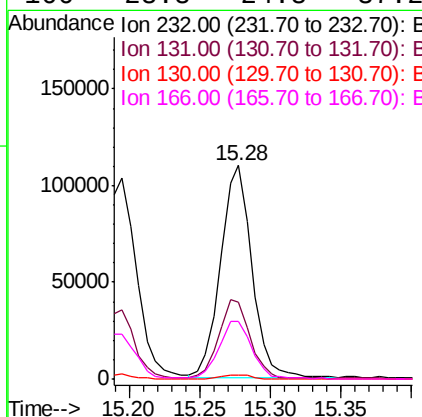
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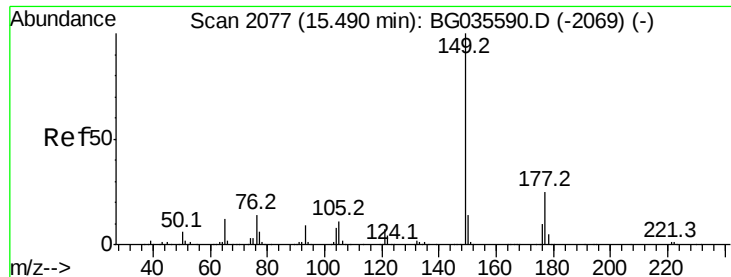
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 8/1/2018 5:08:50 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 55.405 ng
 RT: 15.28 min Scan# 2041
 Delta R.T. -0.00 min
 Lab File: BG036004.D
 Acq: 31 Jul 2018 16:50

Tgt Ion	Ratio	Lower	Upper
232	100		
131	37.7	33.5	50.3
130	2.0	2.2	3.2#
166	28.8	24.8	37.2





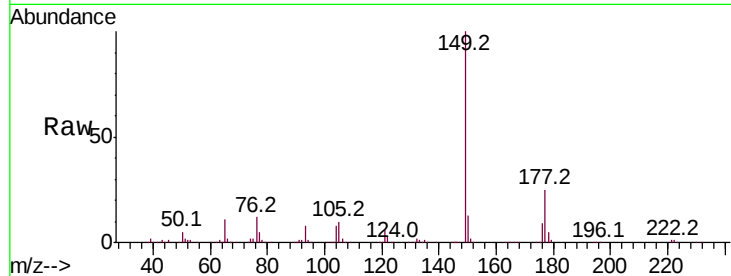
#59
Diethylphthalate
Concen: 45.224 ng
RT: 15.47 min Scan# 2073
Delta R.T. 0.00 min
Lab File: BG036004.D
Acq: 31 Jul 2018 16:50

Instrument :
BNA_G
ClientSampleId :
PB111524BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.6	18.5	27.7
150	12.7	10.2	15.2

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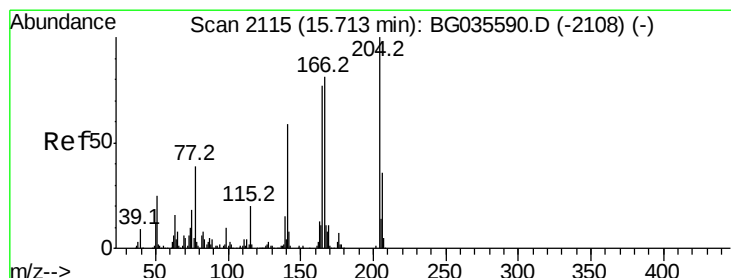
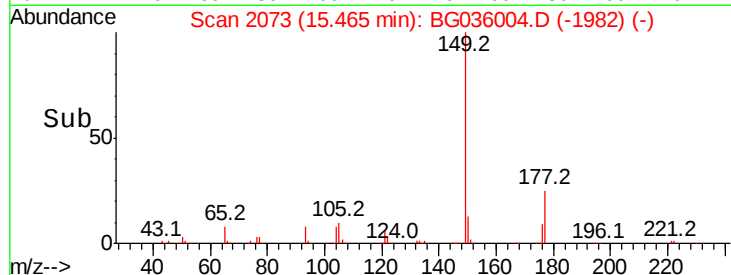
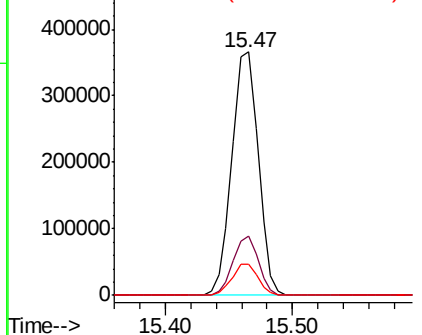


Abundance

Ion 149.00 (148.70 to 149.70): E

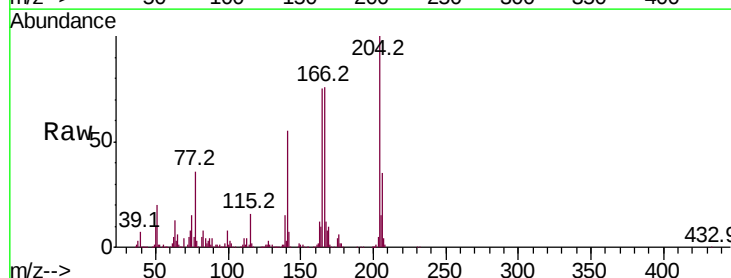
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60
4-Chlorophenyl-phenylether
Concen: 47.017 ng
RT: 15.68 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BG036004.D
Acq: 31 Jul 2018 16:50

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.8	26.2	39.2
141	55.2	45.8	68.6

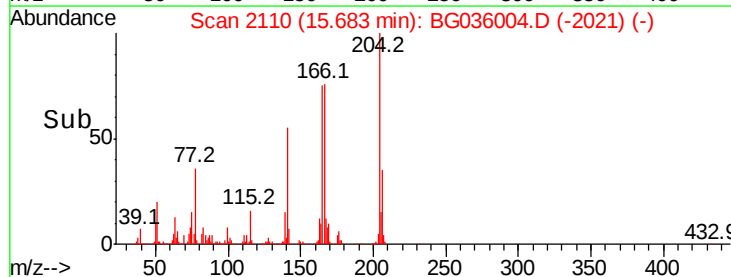
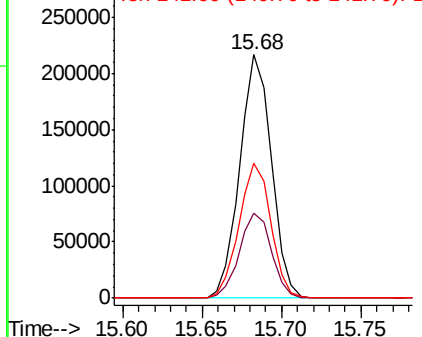


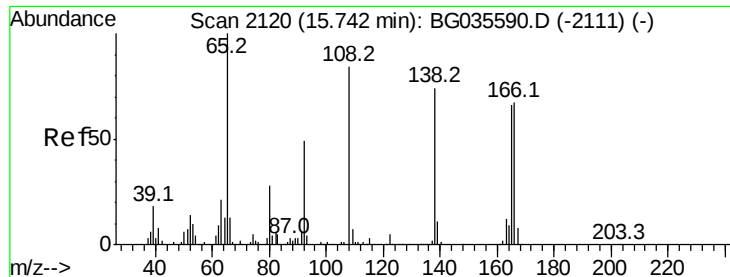
Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 45.460 ng

RT: 15.72 min Scan# 2117

Delta R.T. -0.00 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

Instrument :

BNA_G

ClientSampleId :

PB111524BS

Tot Ion:138 Resp: 112278

Ion Ratio Lower Upper

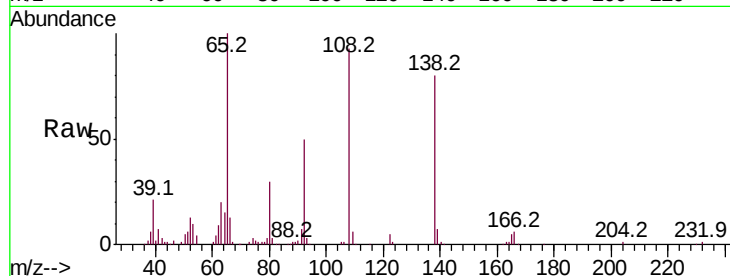
138 100

92 62.1 40.1 80.1

108 115.1 65.4 105.4#

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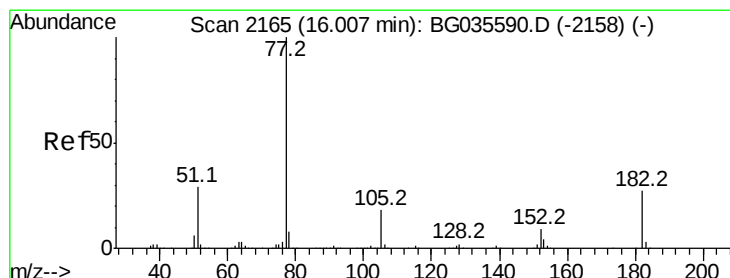
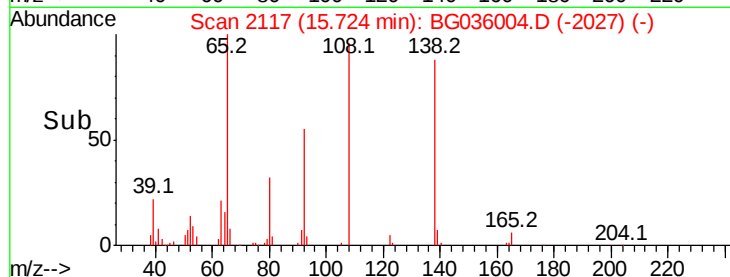
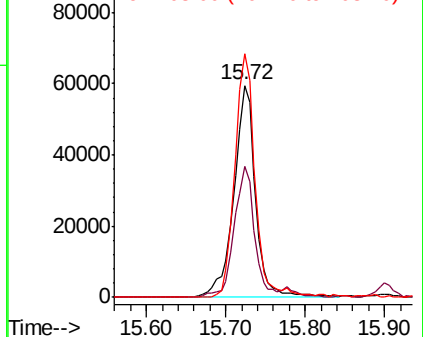
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 45.431 ng

RT: 15.98 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

Tgt Ion: 77 Resp: 522730

Ion Ratio Lower Upper

77 100

182 27.9 7.4 47.4

105 18.4 0.3 40.3

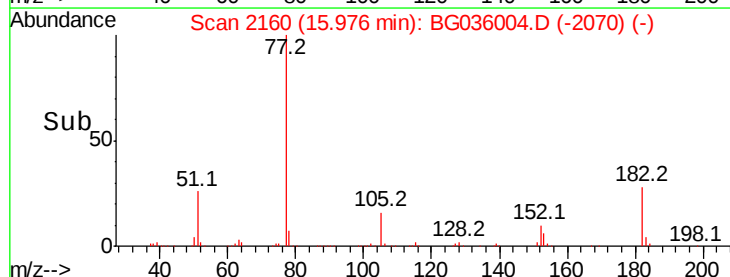
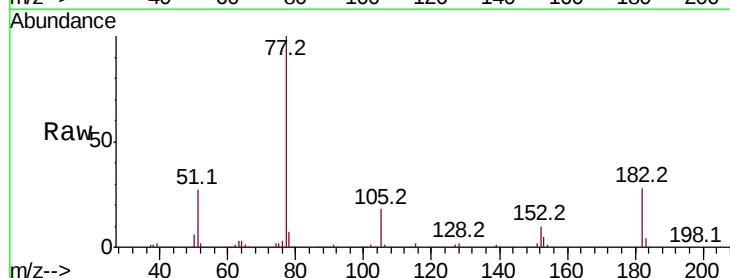
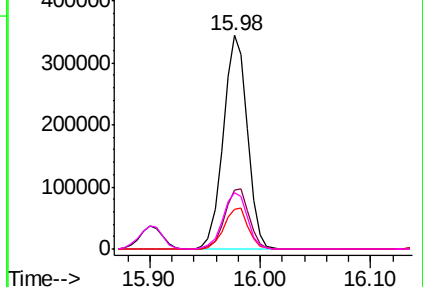
51 26.6 11.6 51.6

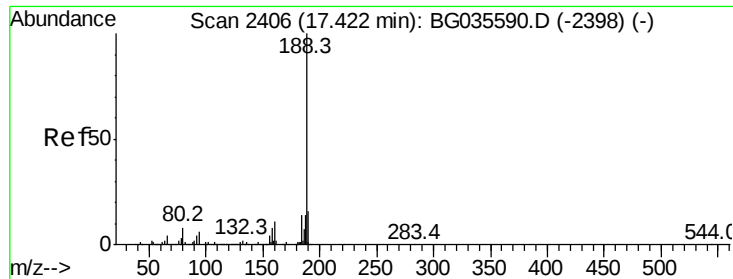
Abundance Ion 77.00 (76.70 to 77.70): BG

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





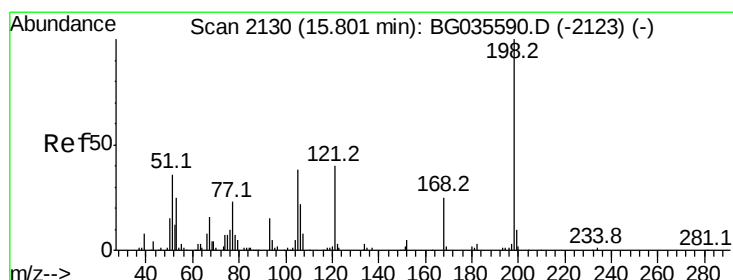
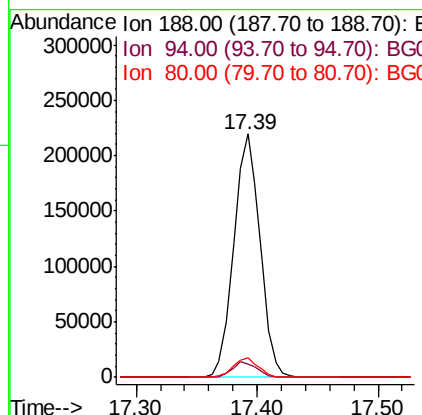
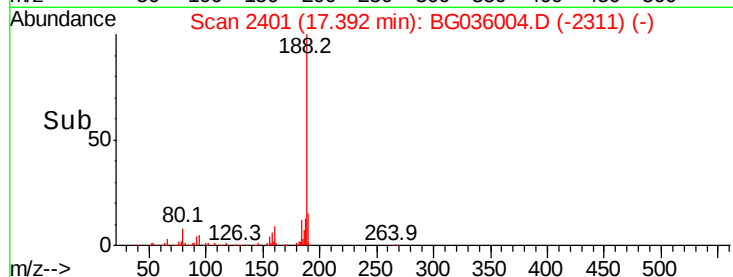
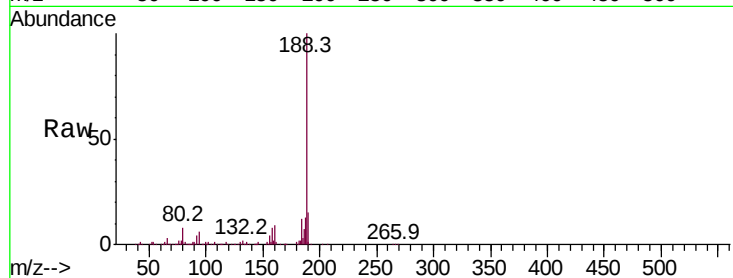
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG036004.D
Acq: 31 Jul 2018 16:50

Instrument :
BNA_G
ClientSampleId :
PB111524BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	5.5	6.9	10.3#	
80	7.9	7.7	11.5	

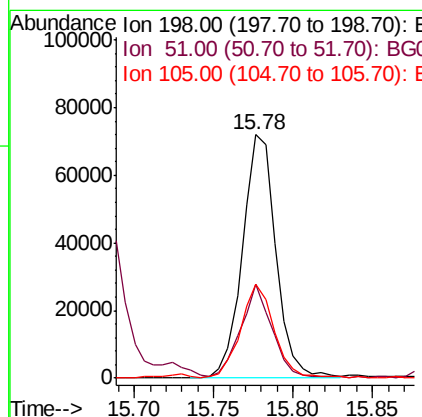
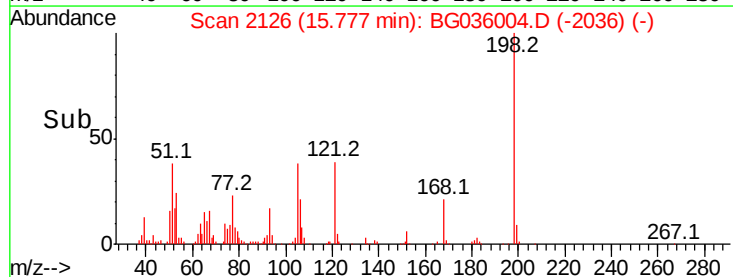
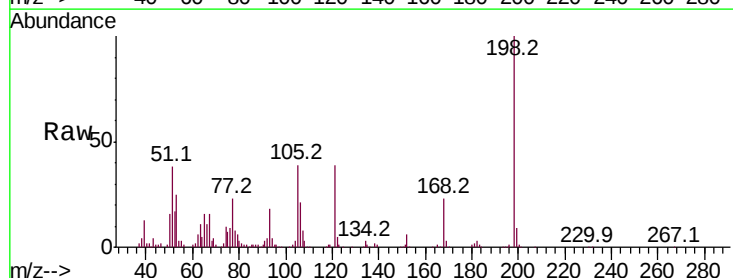
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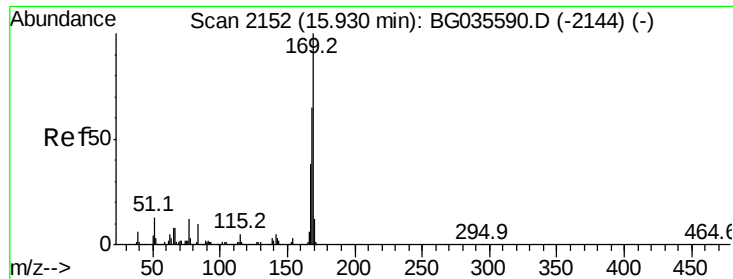
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#64
4,6-Dinitro-2-methylphenol
Concen: 57.148 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.00 min
Lab File: BG036004.D
Acq: 31 Jul 2018 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	38.5	30.6	70.6	
105	38.7	23.8	63.8	





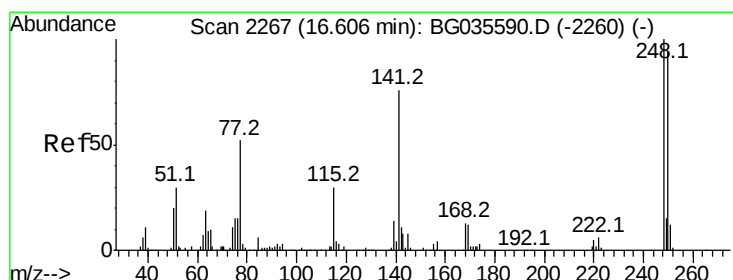
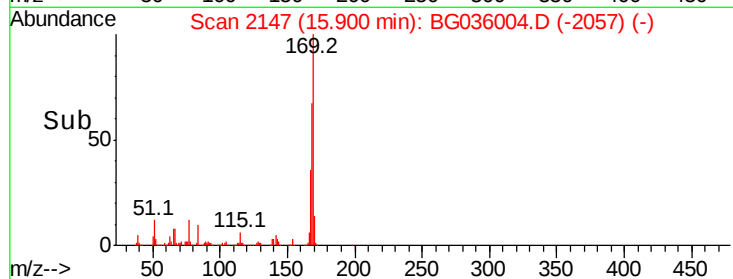
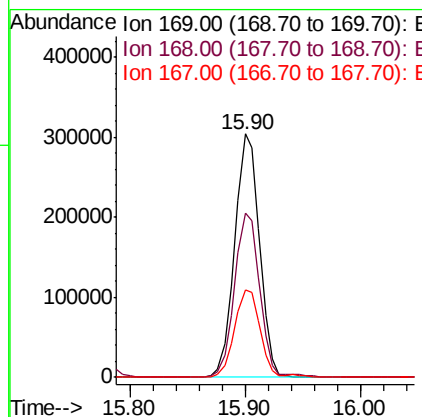
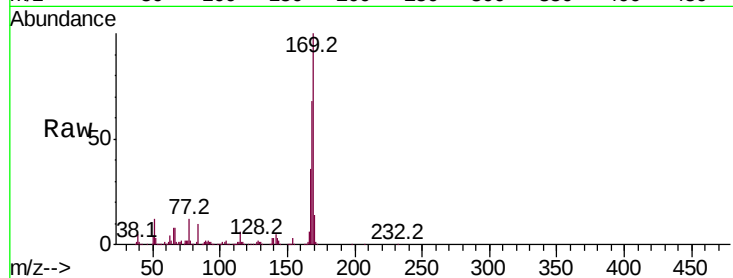
#65
n-Nitrosodiphenylamine
Concen: 47.734 ng
RT: 15.90 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BG036004.D
Acq: 31 Jul 2018 16:50

Instrument :
BNA_G
ClientSampleId :
PB111524BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	67.5	55.7	83.5	
167	36.2	30.1	45.1	

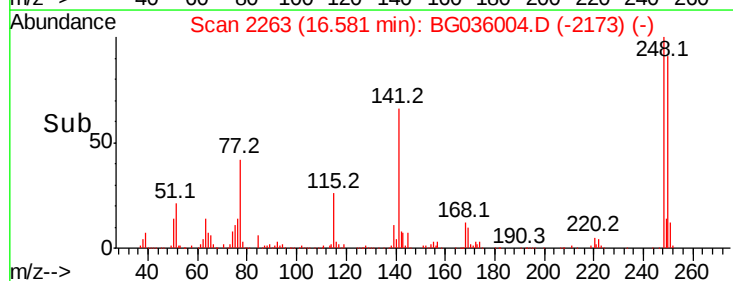
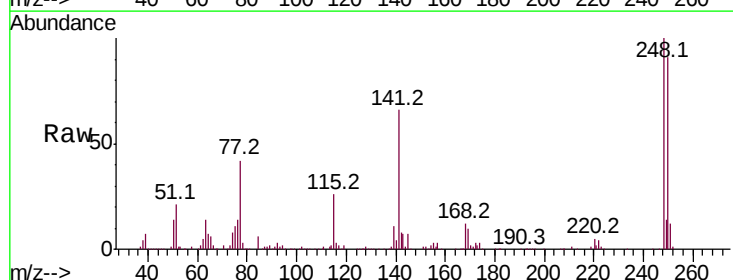
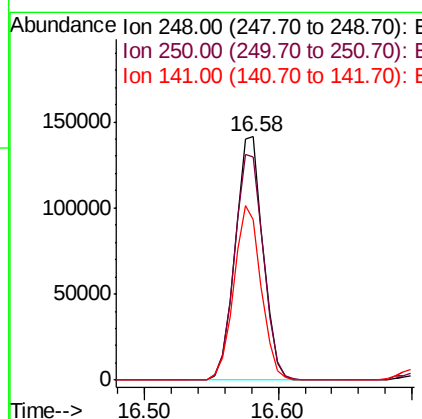
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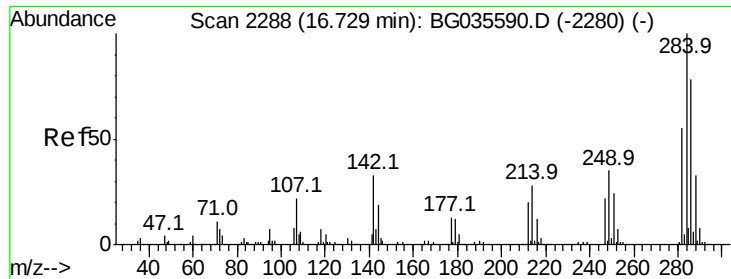
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#66
4-Bromophenyl-phenylether
Concen: 53.160 ng
RT: 16.58 min Scan# 2263
Delta R.T. -0.00 min
Lab File: BG036004.D
Acq: 31 Jul 2018 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	91.4	77.1	115.7	
141	65.7	50.8	76.2	





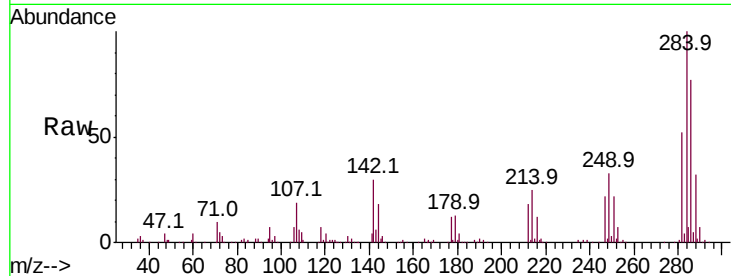
#67
Hexachlorobenzene
Concen: 52.841 ng
RT: 16.70 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BG036004.D
Acq: 31 Jul 2018 16:50

Instrument :
BNA_G
ClientSampleId :
PB111524BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	209160		
142	30.2	26.8	40.2	
249	33.3	26.3	39.5	

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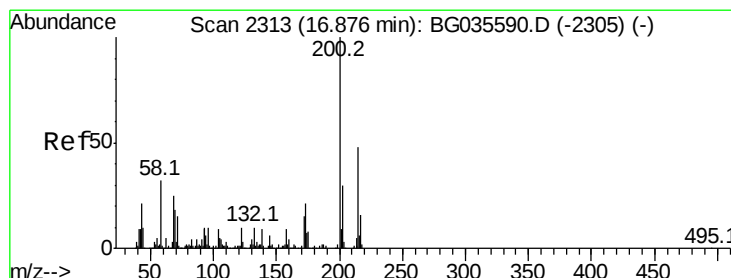
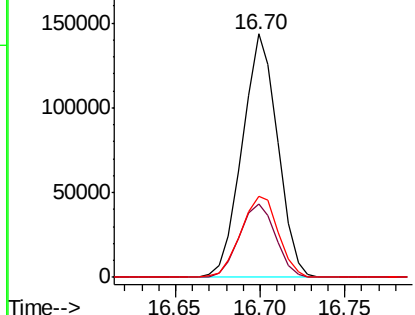
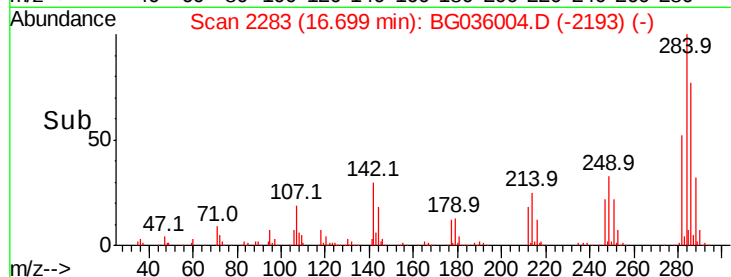


Abundance

Ion 283.80 (283.50 to 284.50): E

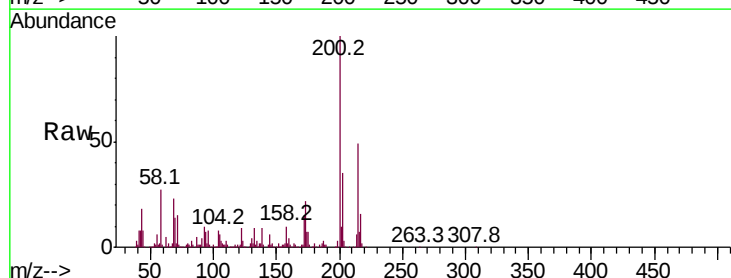
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68
Atrazine
Concen: 51.923 ng
RT: 16.85 min Scan# 2309
Delta R.T. 0.00 min
Lab File: BG036004.D
Acq: 31 Jul 2018 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	201604		
173	21.6	5.2	45.2	
215	49.3	30.4	70.4	

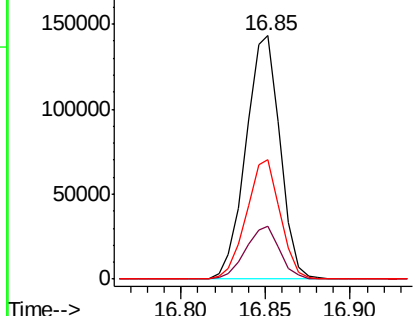
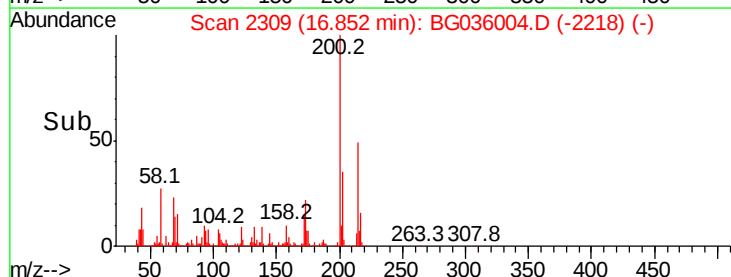


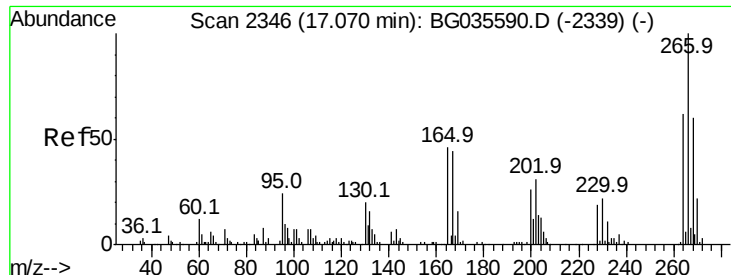
Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





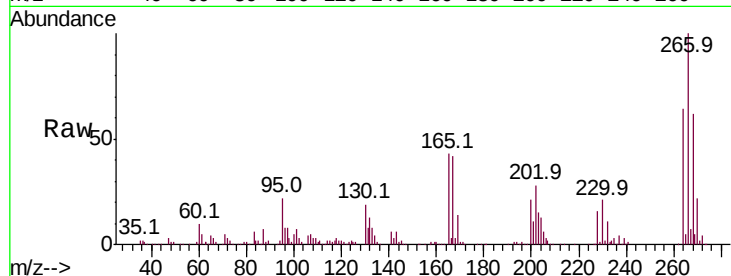
#69
 Pentachlorophenol
 Concen: 86.662 ng
 RT: 17.05 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: BG036004.D
 Acq: 31 Jul 2018 16:50

Instrument :
 BNA_G
 ClientSampleId :
 PB111524BS

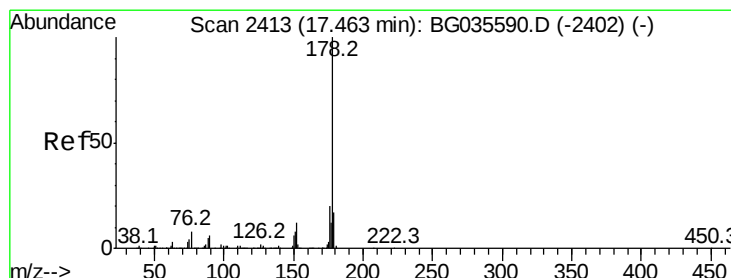
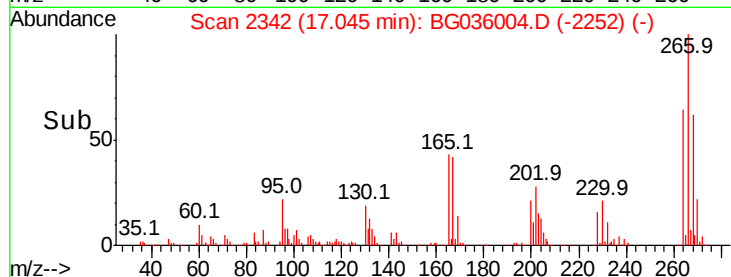
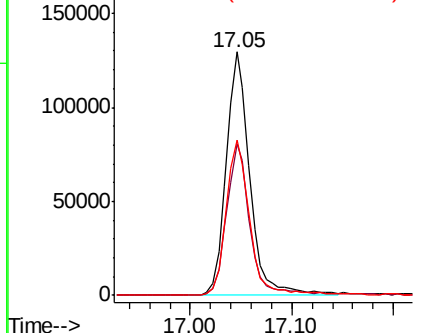
Tot Ion	Ratio	Resp	Lower	Upper
266	100	208941		
268	62.1		51.1	76.7
264	63.9		49.6	74.4

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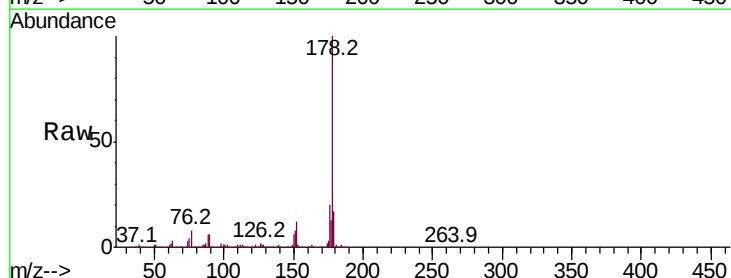


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

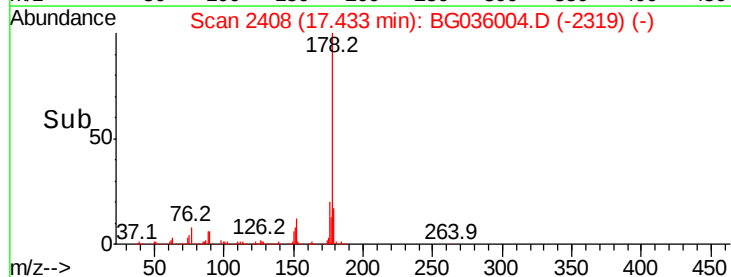
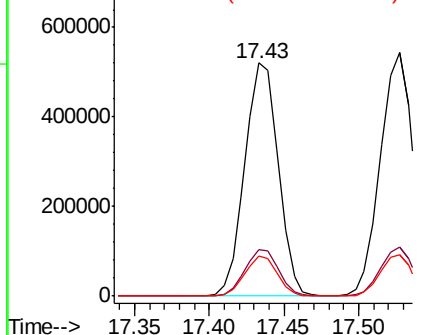


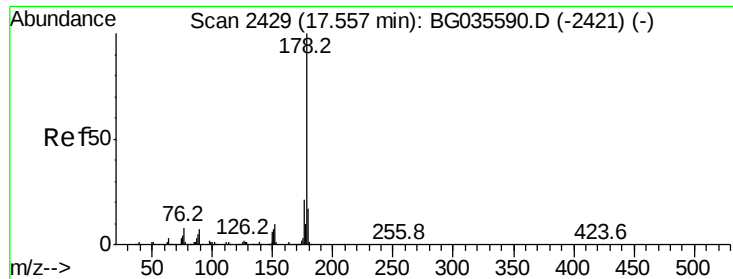
#70
 Phenanthrene
 Concen: 48.881 ng
 RT: 17.43 min Scan# 2408
 Delta R.T. -0.01 min
 Lab File: BG036004.D
 Acq: 31 Jul 2018 16:50

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	808092		
176	20.1		15.7	23.5
179	17.3		12.5	18.7



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





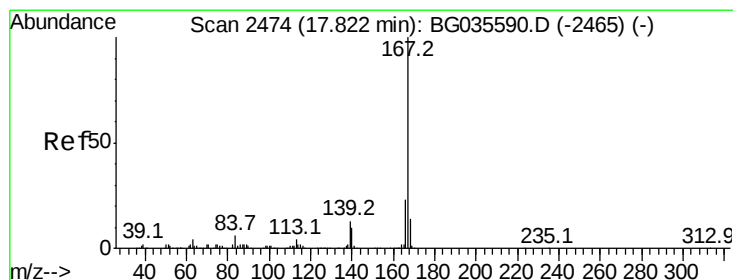
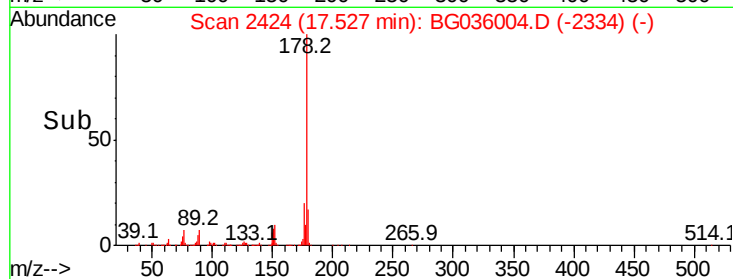
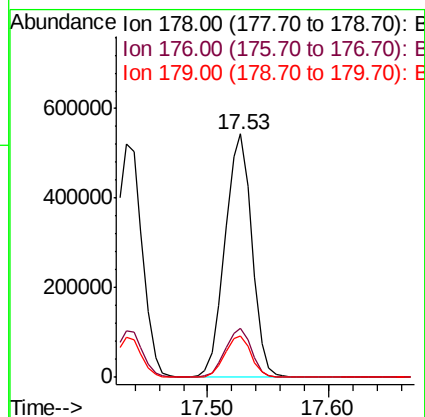
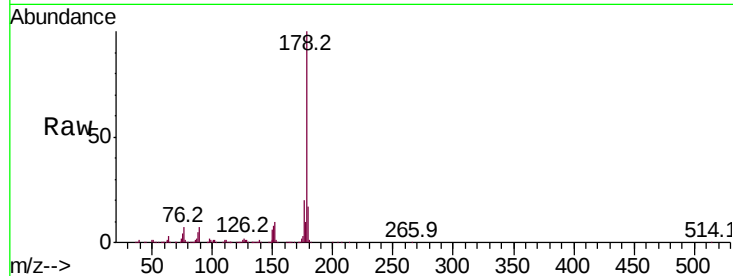
#71
 Anthracene
 Concen: 50.625 ng
 RT: 17.53 min Scan# 2424
 Delta R.T. -0.00 min
 Lab File: BG036004.D
 Acq: 31 Jul 2018 16:50

Instrument :
 BNA_G
 ClientSampleId :
 PB111524BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.0	24.0
179	16.9	12.5	18.7

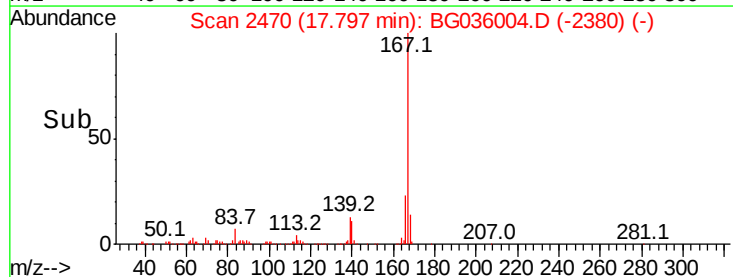
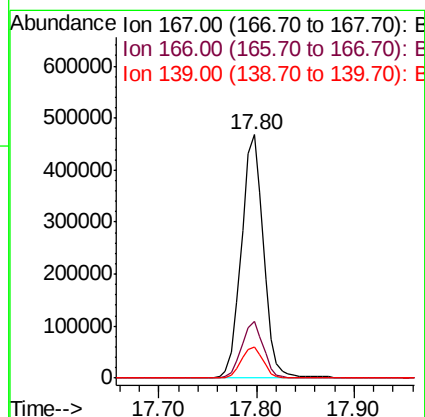
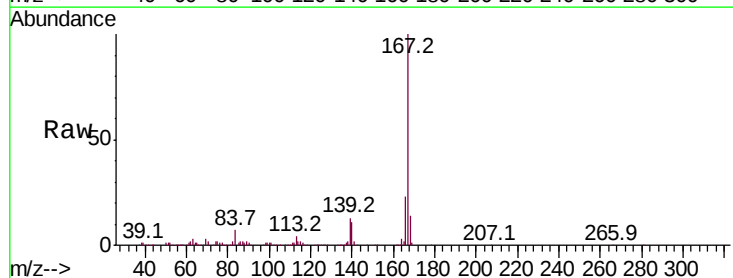
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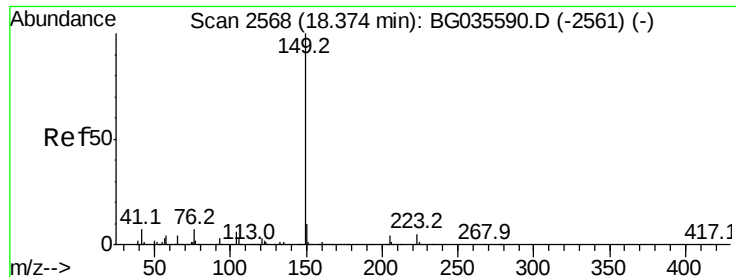
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#72
 Carbazole
 Concen: 47.198 ng
 RT: 17.80 min Scan# 2470
 Delta R.T. -0.00 min
 Lab File: BG036004.D
 Acq: 31 Jul 2018 16:50

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.2	18.2	27.4
139	12.9	9.4	14.2





#73

Di-n-butylphthalate

Concen: 46.007 ng

RT: 18.34 min Scan# 2563

Delta R.T. -0.01 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

Instrument :

BNA_G

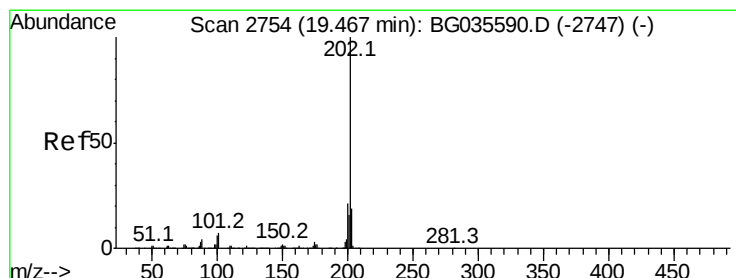
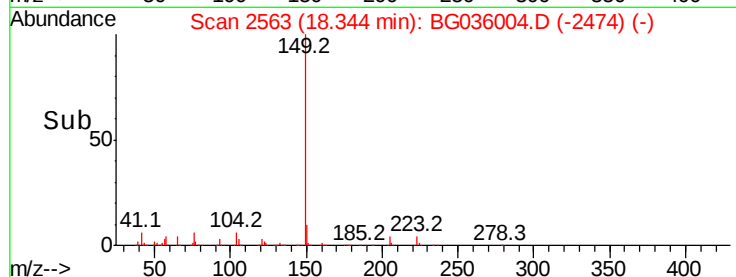
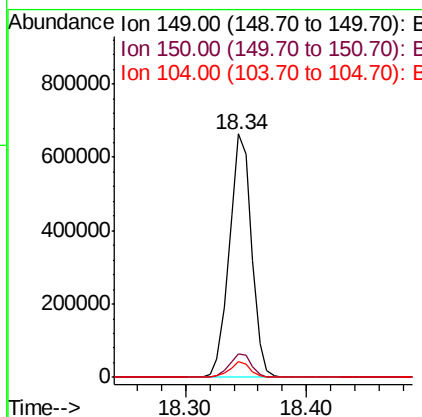
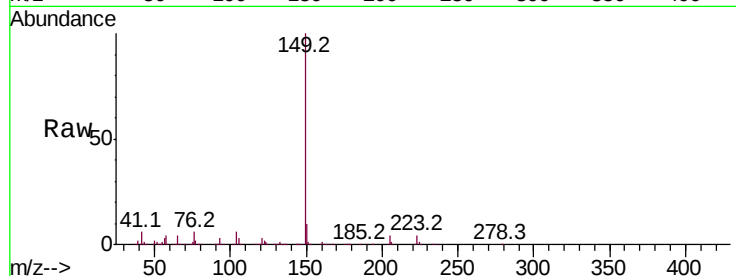
ClientSampleId :

PB111524BS

Tot Ion:	149	Resp:	849915
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.8	11.6
104	6.3	3.9	5.9

Manual Integrations
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#74

Fluoranthene

Concen: 46.724 ng

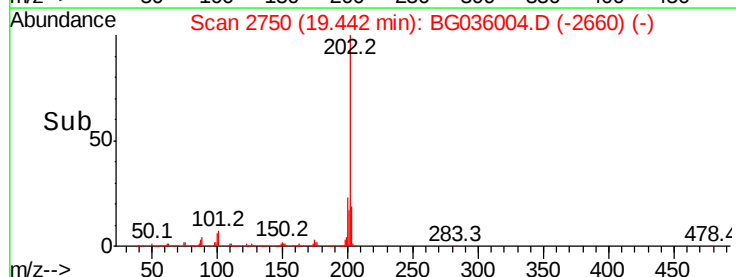
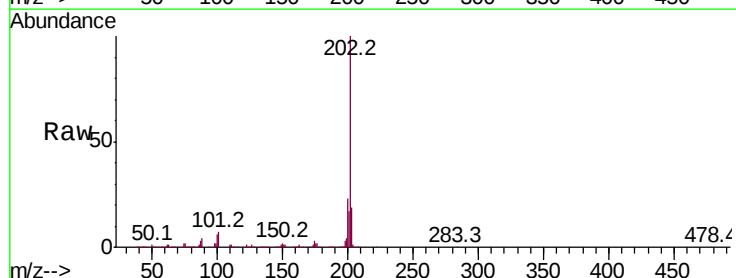
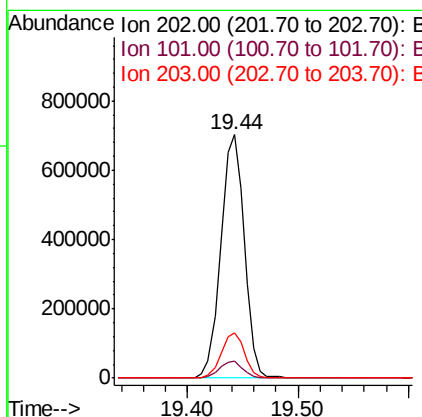
RT: 19.44 min Scan# 2750

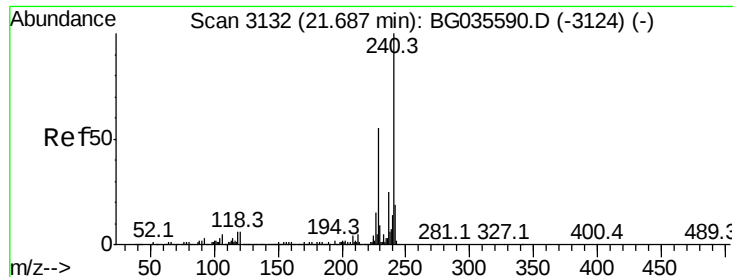
Delta R.T. -0.00 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

Tgt Ion:	202	Resp:	1040455
Ion Ratio	Lower	Upper	
202	100		
101	7.0	0.0	28.9
203	18.6	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

Instrument :

BNA_G

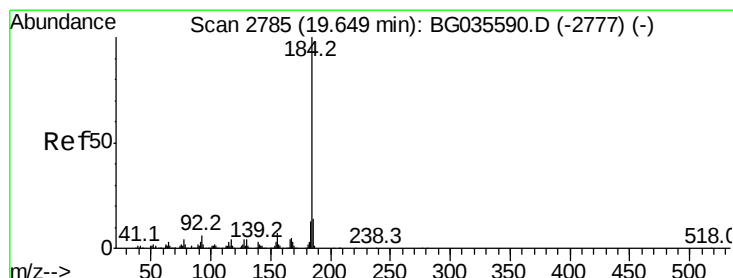
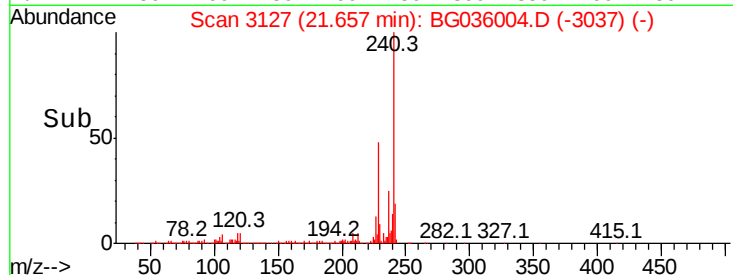
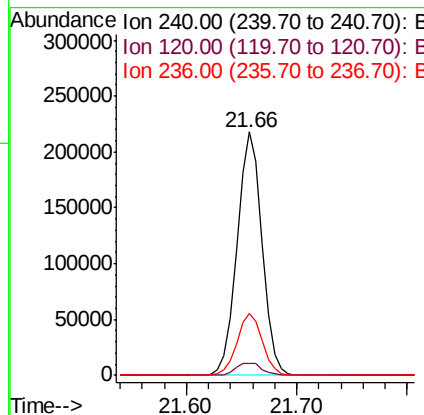
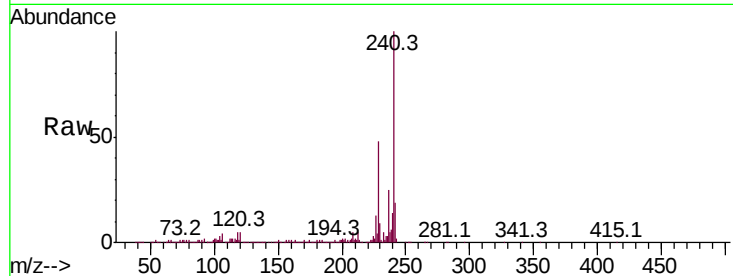
ClientSampleId :

PB111524BS

Tot Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	5.0	6.8	10.2#
236	25.3	20.9	31.3

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#76

Benzidine

Concen: 31.814 ng

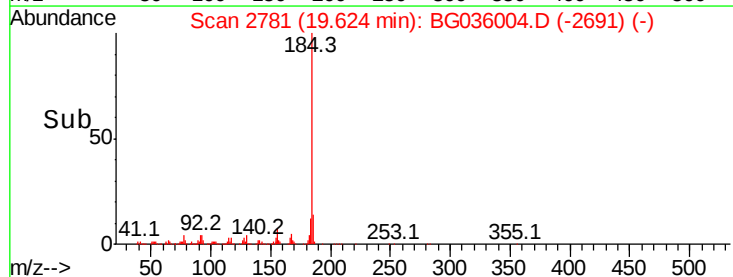
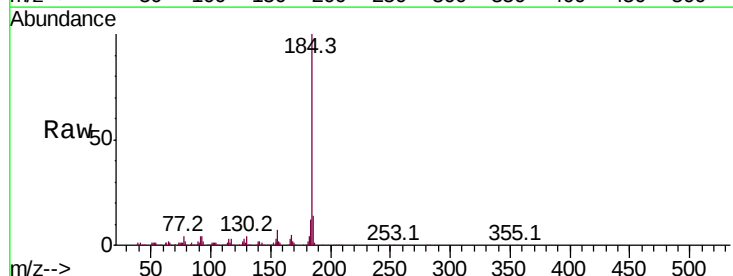
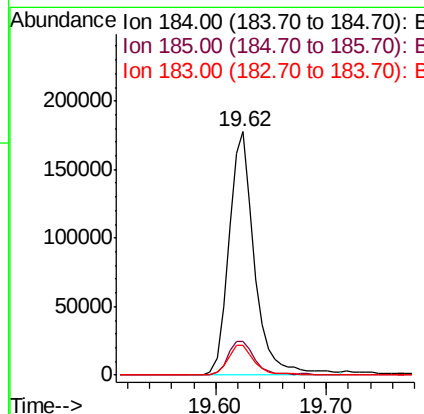
RT: 19.62 min Scan# 2781

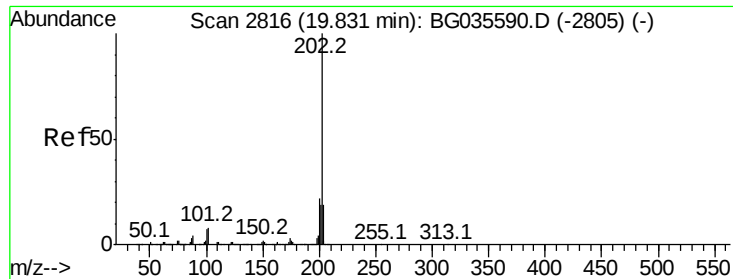
Delta R.T. -0.00 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
184	100		
185	14.0	11.1	16.7
183	12.2	10.6	16.0





#77

Pvrene

Concen: 47.333 ng

RT: 19.80 min Scan# 2811

Delta R.T. -0.01 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

Instrument :

BNA_G

ClientSampleId :

PB111524BS

Tot Ion:202 Resp: 1032926

Ion Ratio Lower Upper

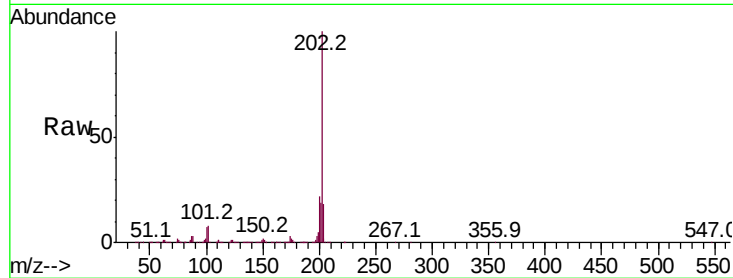
202 100

200 21.7 16.9 25.3

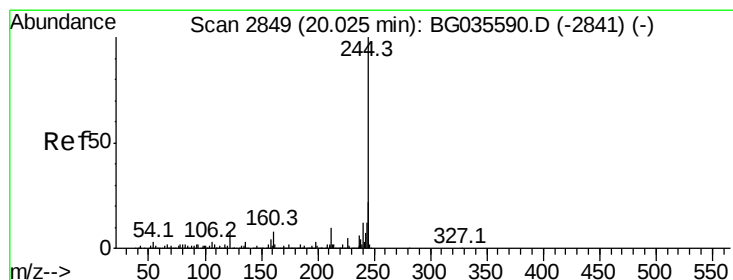
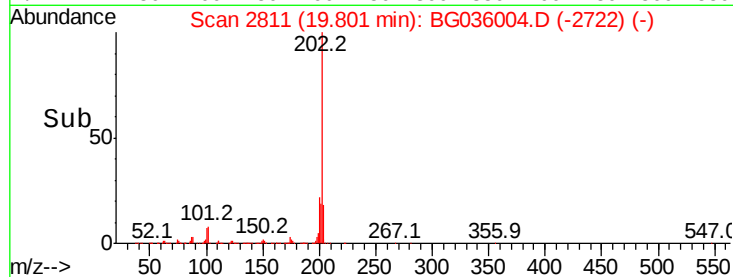
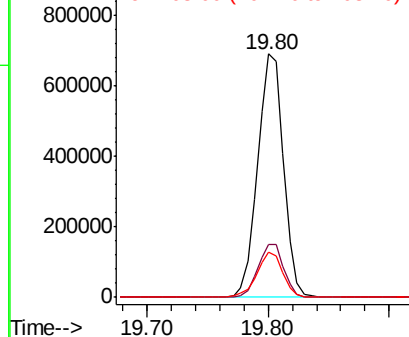
203 18.5 13.9 20.9

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



#78

Terphenyl-d14

Concen: 105.249 ng

RT: 20.00 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

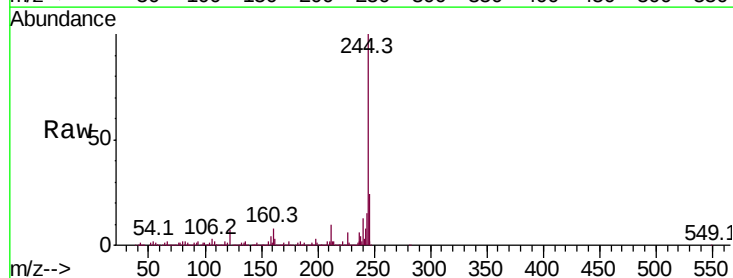
Tgt Ion:244 Resp: 1647869

Ion Ratio Lower Upper

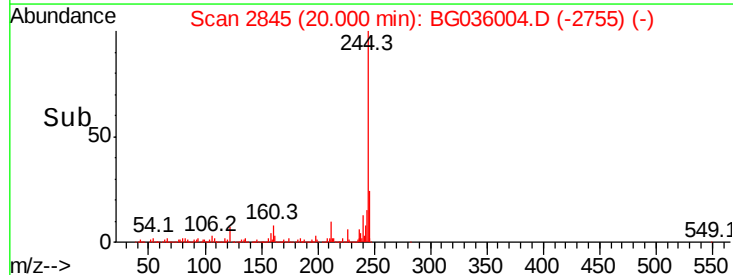
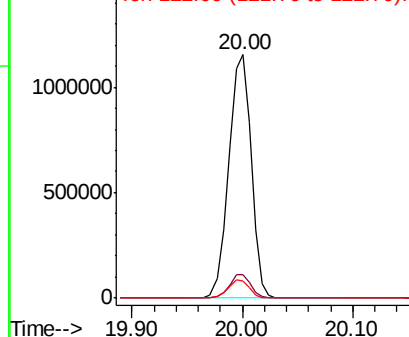
244 100

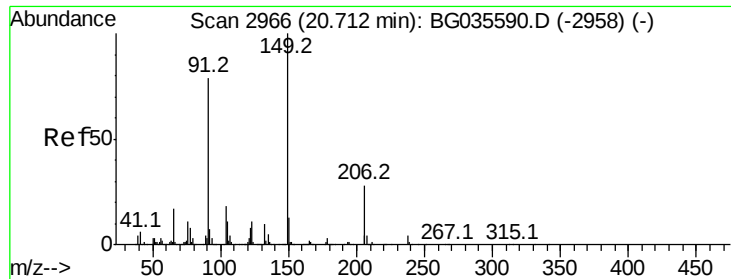
212 9.7 5.8 8.8#

122 7.2 7.0 10.4



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





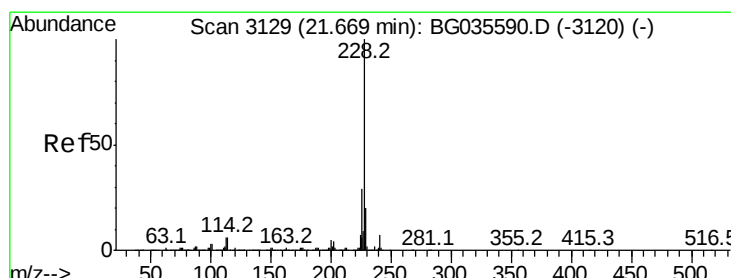
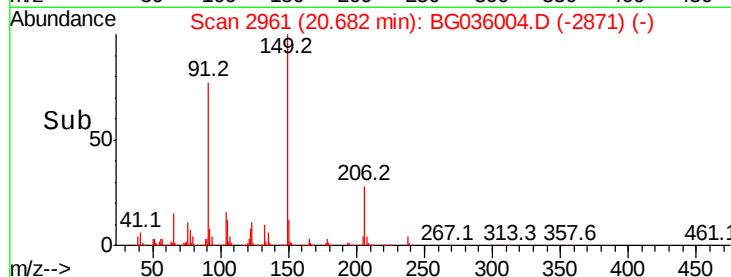
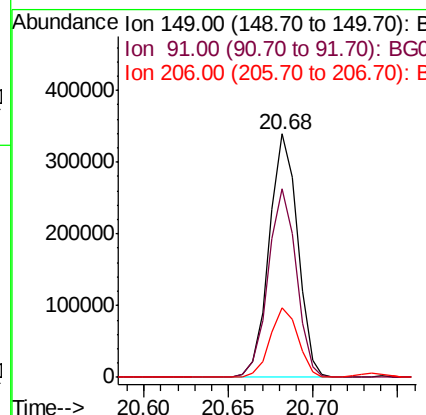
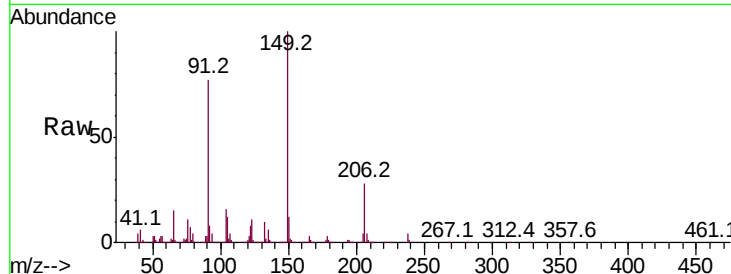
#79
Butylbenzylphthalate
Concen: 50.518 ng
RT: 20.68 min Scan# 2961
Delta R.T. -0.00 min
Lab File: BG036004.D
Acq: 31 Jul 2018 16:50

Instrument :
BNA_G
ClientSampleId :
PB111524BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	77.3	62.2	93.2
206	28.4	18.6	27.8

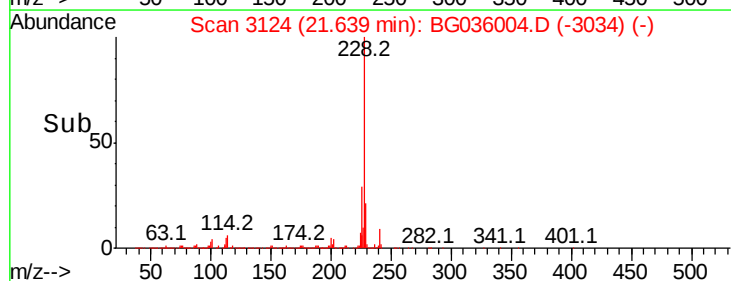
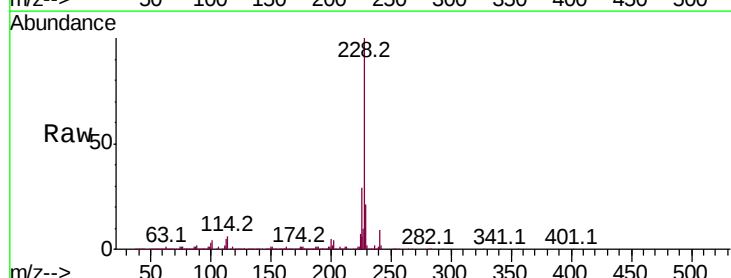
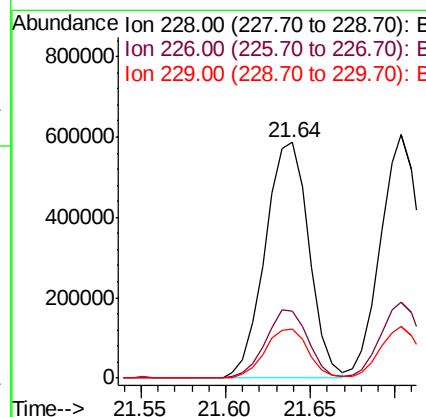
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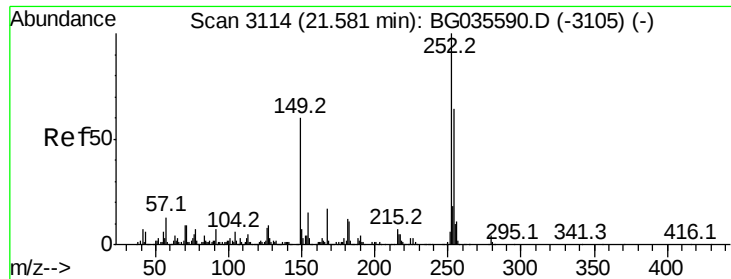
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#80
Benzo(a)anthracene
Concen: 49.269 ng
RT: 21.64 min Scan# 3124
Delta R.T. -0.00 min
Lab File: BG036004.D
Acq: 31 Jul 2018 16:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.7	34.1
229	21.0	16.2	24.2





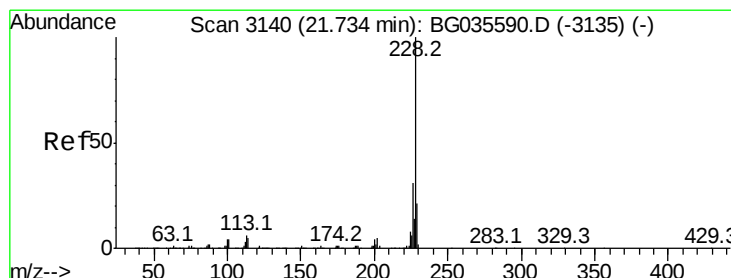
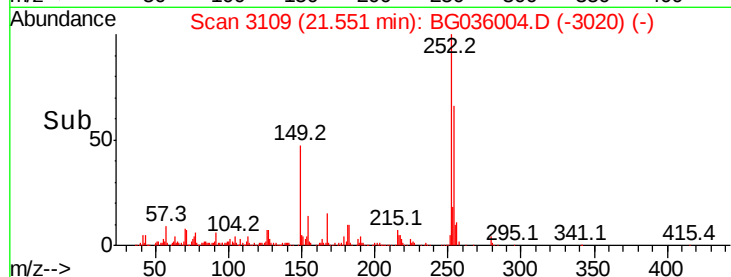
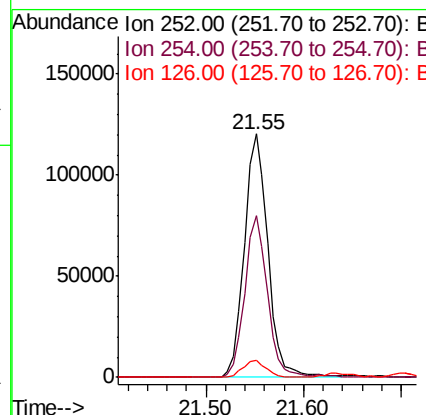
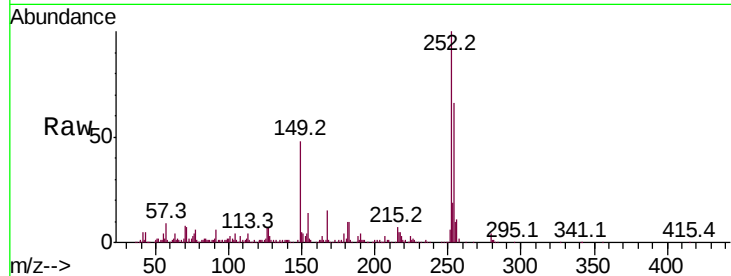
#81
 3,3'-Dichlorobenzidine
 Concen: 26.926 ng
 RT: 21.55 min Scan# 3109
 Delta R.T. -0.01 min
 Lab File: BG036004.D
 Acq: 31 Jul 2018 16:50

Instrument :
 BNA_G
 ClientSampleId :
 PB111524BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	66.2	50.8	76.2
126	6.8	7.4	11.2#

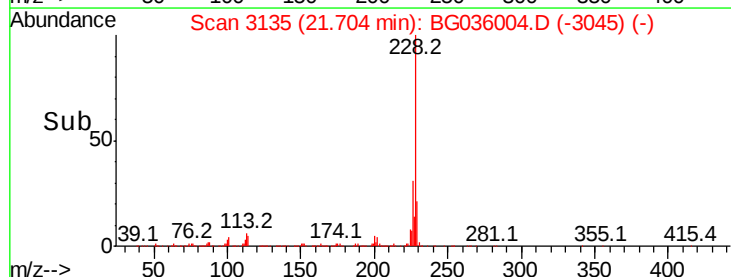
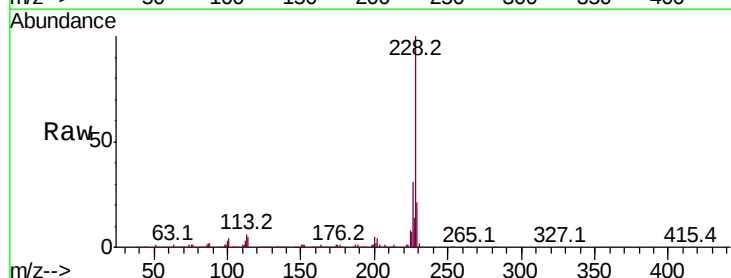
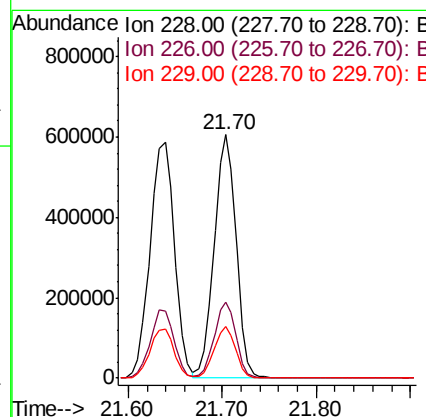
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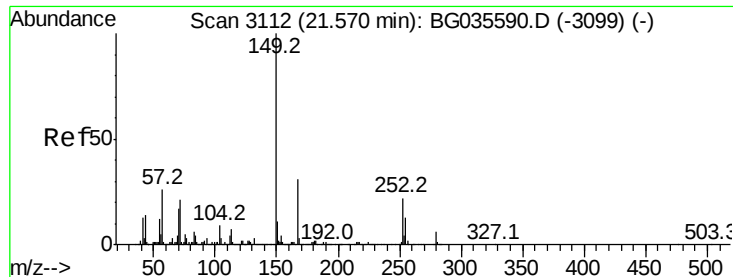
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#82
 Chrysene
 Concen: 49.662 ng
 RT: 21.70 min Scan# 3135
 Delta R.T. -0.00 min
 Lab File: BG036004.D
 Acq: 31 Jul 2018 16:50

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.3	24.9	37.3
229	21.1	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 51.751 ng

RT: 21.53 min Scan# 3106

Delta R.T. -0.01 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

Instrument :

BNA_G

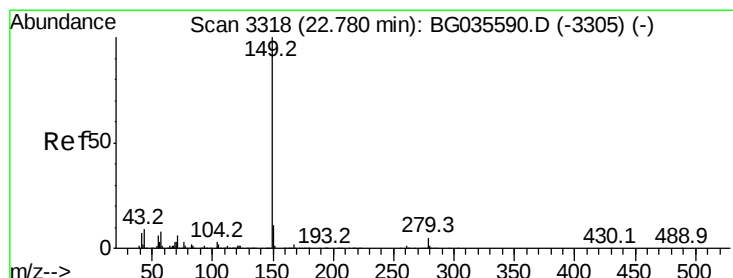
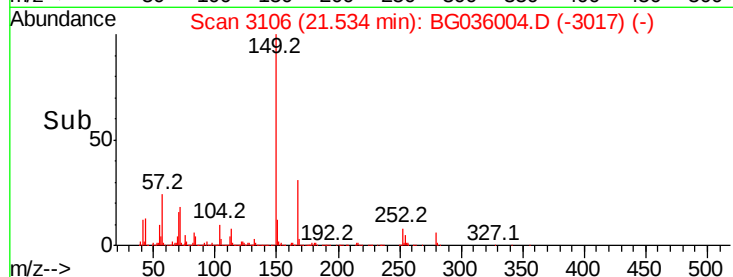
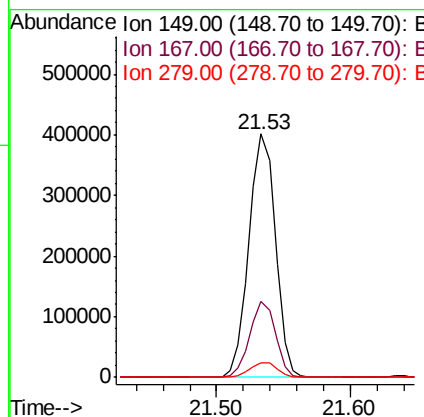
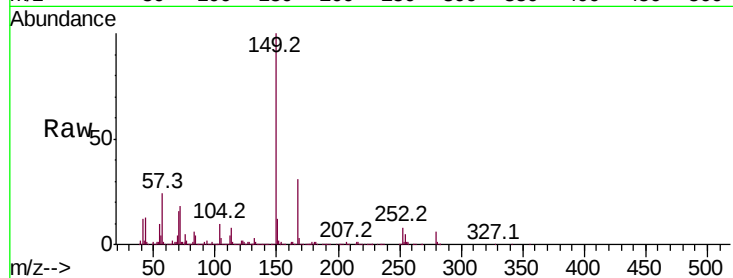
ClientSampleId :

PB111524BS

Tot Ion:	149	Resp:	549051
Ion Ratio	Lower	Upper	
149	100		
167	31.3	24.3	36.5
279	5.7	4.0	6.0

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 51.793 ng

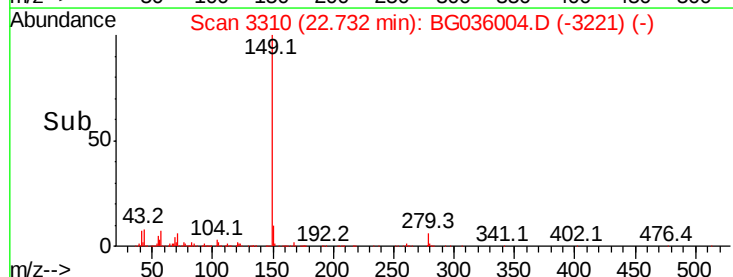
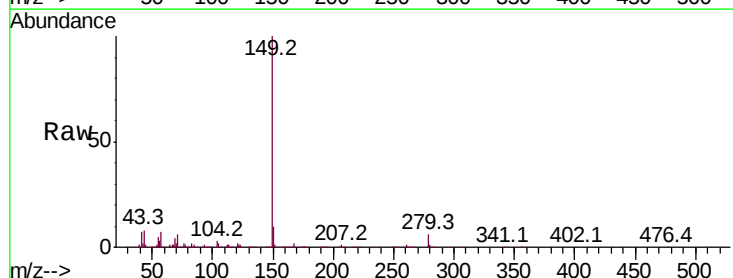
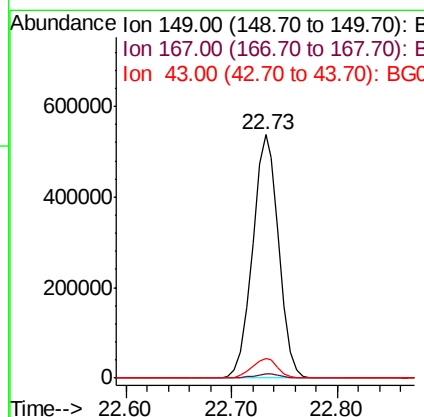
RT: 22.73 min Scan# 3310

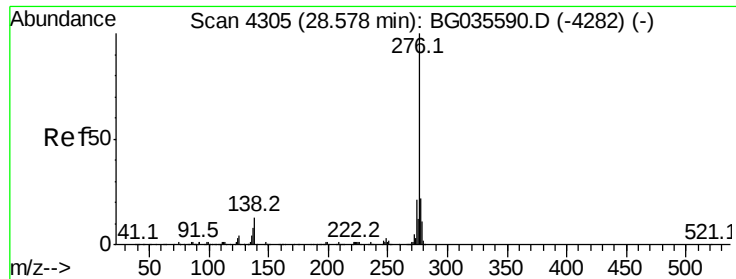
Delta R.T. -0.01 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

Tgt Ion:	149	Resp:	920047
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.0
43	8.1	8.9	13.3#





#85

Indeno(1,2,3-cd)pyrene

Concen: 51.060 ng

RT: 28.49 min Scan# 4291

Delta R.T. -0.01 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

Instrument :

BNA_G

ClientSampleId :

PB111524BS

Tot Ion:276 Resp: 1126658

Ion Ratio Lower Upper

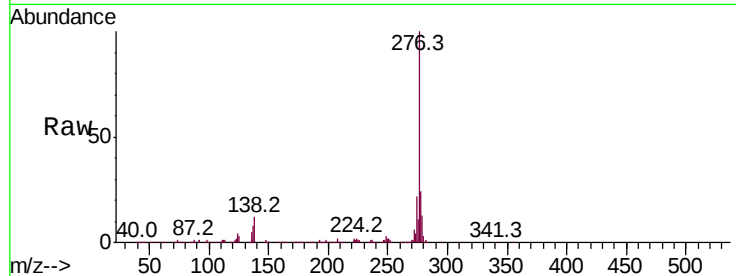
276 100

138 6.3 16.0 24.0#

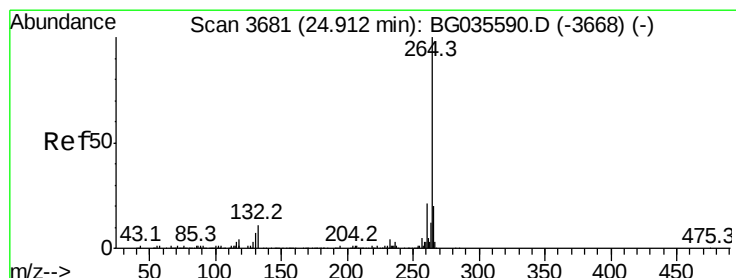
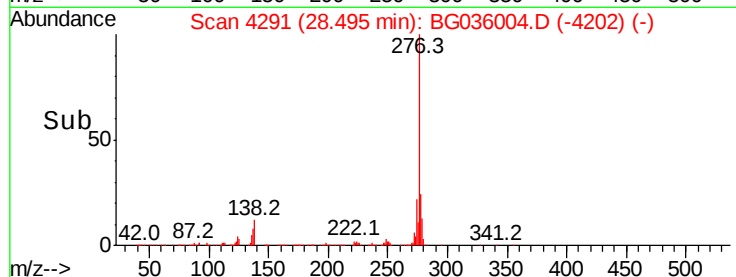
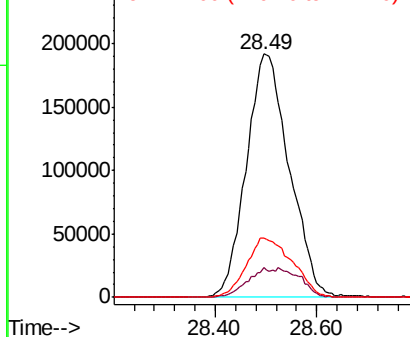
277 26.2 20.0 30.0

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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3670

Delta R.T. -0.01 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

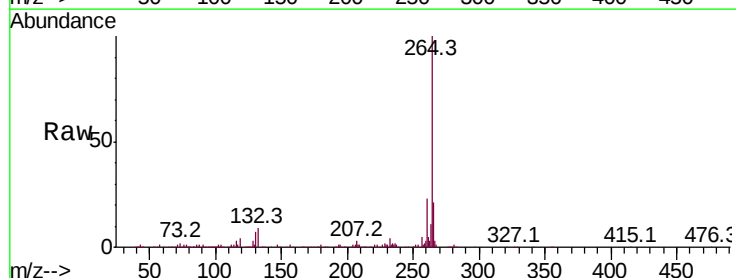
Tgt Ion:264 Resp: 332505

Ion Ratio Lower Upper

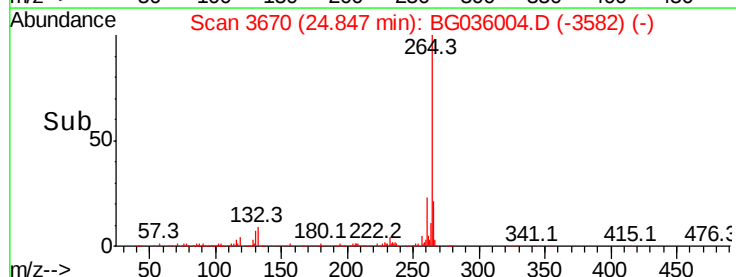
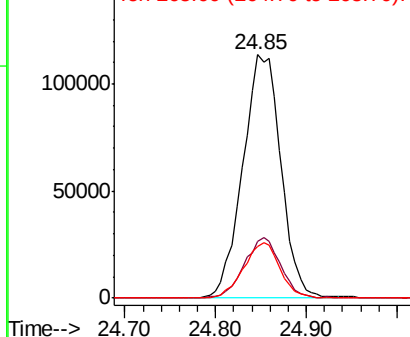
264 100

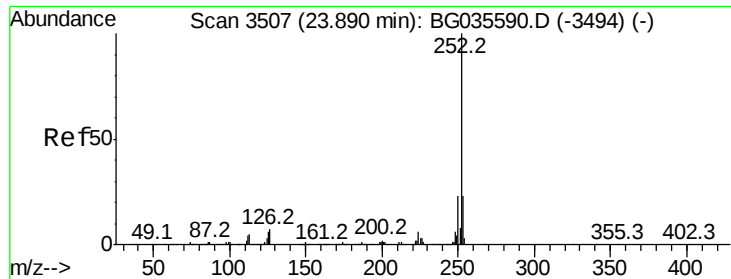
260 23.3 17.4 26.0

265 21.4 17.7 26.5



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





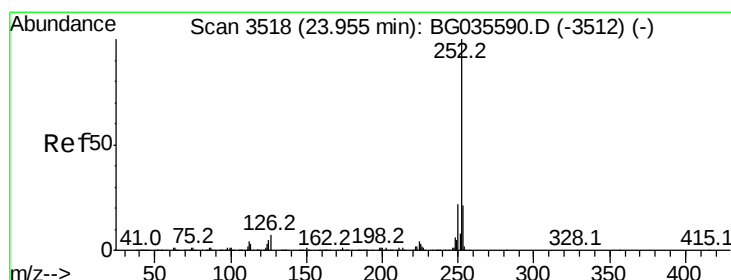
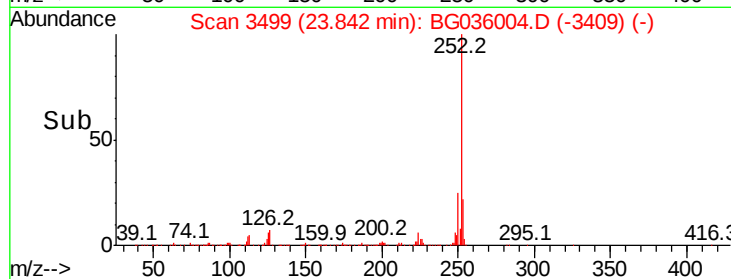
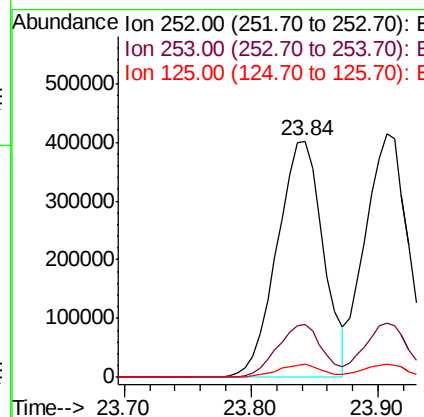
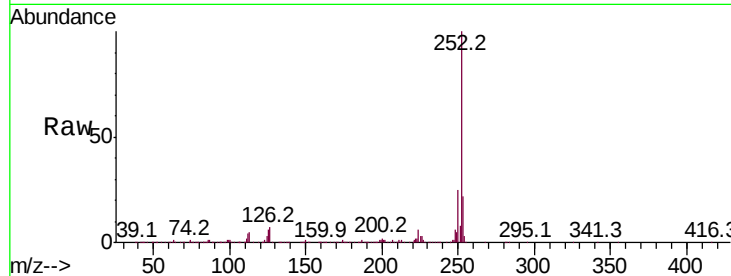
#87
Benzo(b)fluoranthene
Concen: 50.202 ng
RT: 23.84 min Scan# 3499
Delta R.T. -0.00 min
Lab File: BG036004.D
Acq: 31 Jul 2018 16:50

Instrument :
BNA_G
ClientSampleId :
PB111524BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	5.6	7.2	10.8

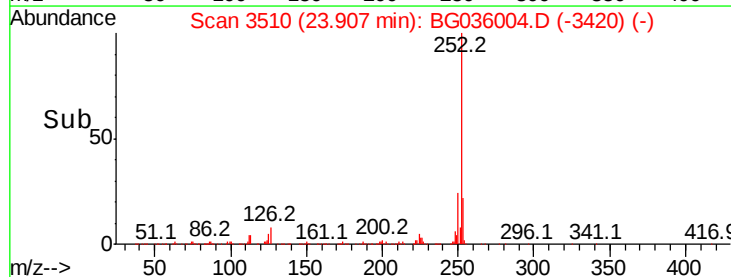
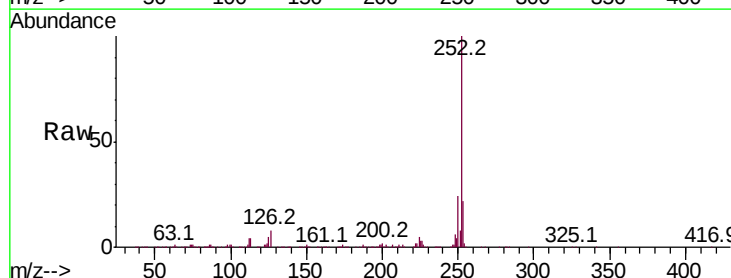
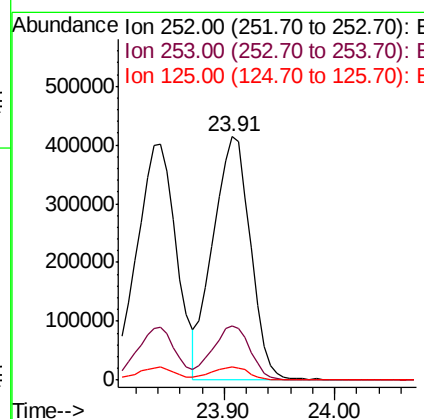
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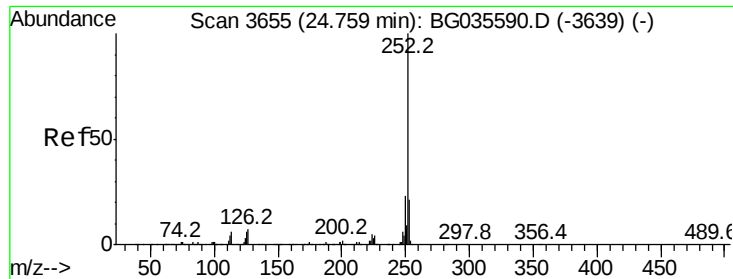
Sohil
8/1/2018 5:08:50 PM



#88
Benzo(k)fluoranthene
Concen: 49.013 ng
RT: 23.91 min Scan# 3510
Delta R.T. -0.00 min
Lab File: BG036004.D
Acq: 31 Jul 2018 16:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	5.5	6.6	9.8





#89

Benzo(a)pyrene

Concen: 51.764 ng

RT: 24.71 min Scan# 3646

Delta R.T. -0.00 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

Instrument :

BNA_G

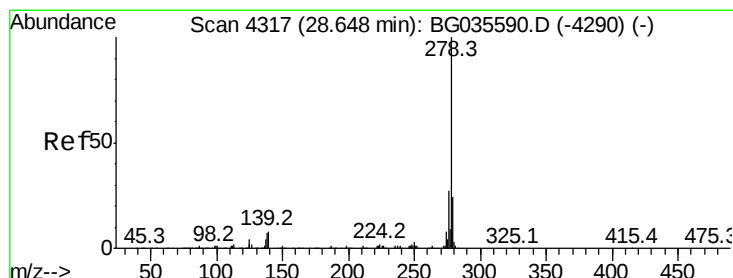
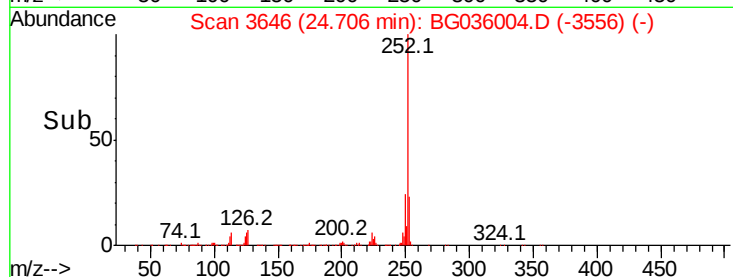
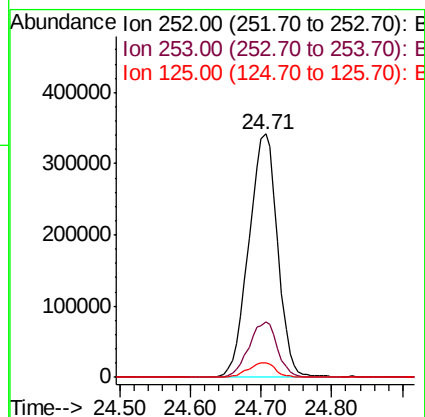
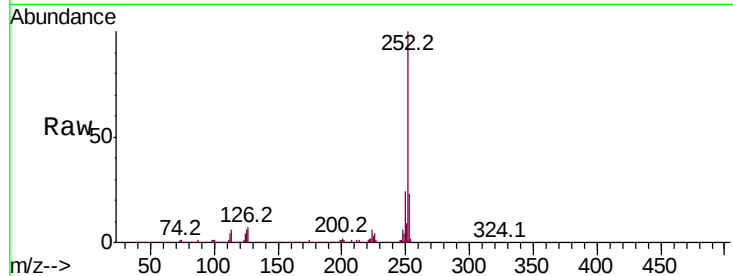
ClientSampleId :

PB111524BS

Tot Ion:	252	Resp:	973227
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.3	27.5
125	5.8	7.3	10.9#

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#90

Dibenzo(a,h)anthracene

Concen: 50.698 ng

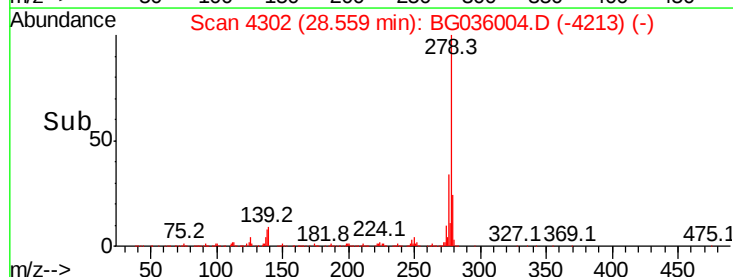
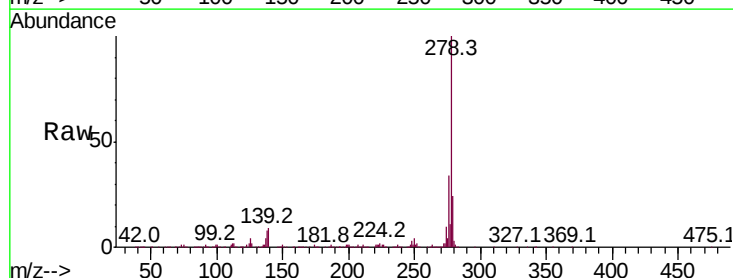
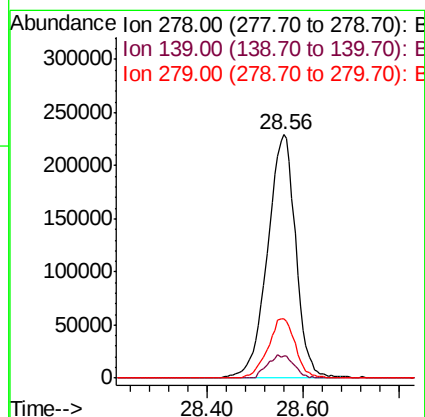
RT: 28.56 min Scan# 4302

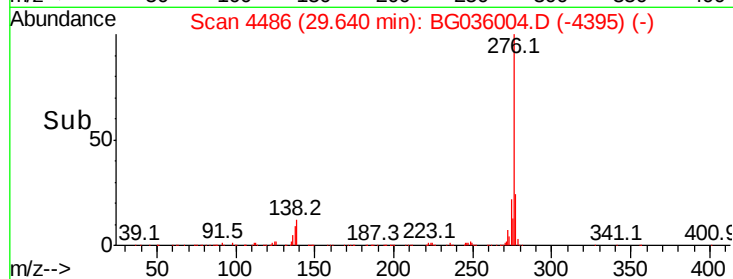
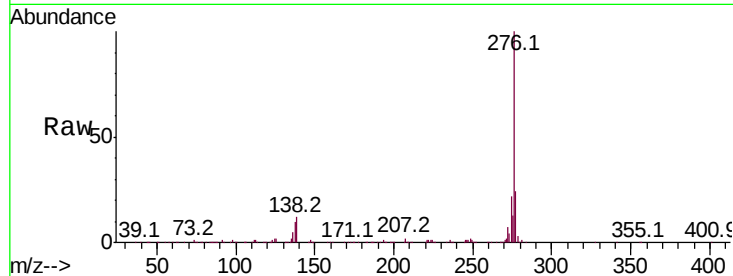
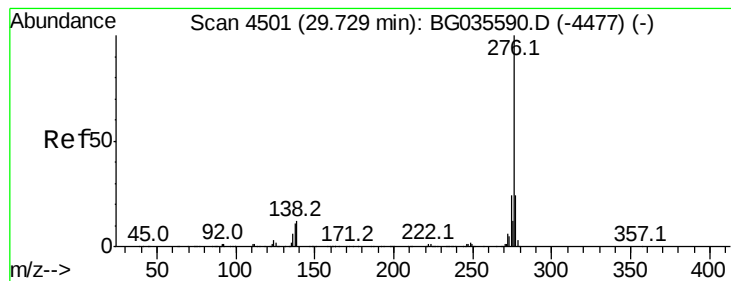
Delta R.T. -0.01 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

Tgt Ion:	278	Resp:	935786
Ion Ratio	Lower	Upper	
278	100		
139	9.2	9.8	14.6#
279	24.3	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 52.182 ng

RT: 29.64 min Scan# 4486

Delta R.T. 0.00 min

Lab File: BG036004.D

Acq: 31 Jul 2018 16:50

Instrument :

BNA_G

ClientSampleId :

PB111524BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.3	27.5
138	12.0	13.9	20.9

Manual Integrations
APPROVED

Sohil
8/1/2018 5:08:50 PM

