

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072318\
 Data File : BG035835.D
 Acq On : 23 Jul 2018 19:53
 Operator : JU/SJ
 Sample : IDOC HP-3
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDOC HP-3

Manual Integrations
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Sohil
 7/24/2018 3:05:53 PM

Quant Time: Jul 24 02:19:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 15:28:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	32160	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	121842	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	89595	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	247962	20.00	ng	0.00
75) Chrysene-d12	21.65	240	288050	20.00	ng	0.00
86) Perylene-d12	24.85	264	280147	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	189843	98.00	ng	0.00
7) Phenol-d6	7.20	99	287710	99.55	ng	0.00
23) Nitrobenzene-d5	9.19	82	182306	62.51	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	128429	108.75	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	429584	64.24	ng	0.00
78) Terphenyl-d14	20.00	244	867144	66.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	22332	22.651	ng	# 75
3) Pyridine	3.98	79	645	0.251	ng	# 36
4) n-Nitrosodimethylamine	3.83	42	28630	25.906	ng	# 80
6) Aniline	7.35	93	14991	4.002	ng	94
8) 2-Chlorophenol	7.59	128	65754	33.376	ng	91
9) Benzaldehyde	7.17	77	49886	28.132	ng	97
10) Phenol	7.22	94	98097	33.597	ng	94
11) bis(2-Chloroethyl)ether	7.44	93	65964	28.847	ng	92
12) 1,3-Dichlorobenzene	7.91	146	72869	30.629	ng	96
13) 1,4-Dichlorobenzene	8.06	146	74910	30.990	ng	98
14) 1,2-Dichlorobenzene	8.38	146	71329	30.716	ng	97
15) Benzyl Alcohol	8.27	79	72993	27.812	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.55	45	73360	38.266	ng	76
17) 2-Methylphenol	8.47	107	64540	32.510	ng	# 92
18) Hexachloroethane	9.11	117	28286	30.604	ng	96
19) n-Nitroso-di-n-propylamine	8.82	70	60028	24.665	ng	# 83
20) 3+4-Methylphenols	8.80	107	85559	31.067	ng	85
22) Acetophenone	8.85	105	113830	30.043	ng	# 90
24) Nitrobenzene	9.23	77	91343	31.141	ng	# 90
25) Isophorone	9.75	82	173258	32.000	ng	97
26) 2-Nitrophenol	9.94	139	36822	35.346	ng	# 91
27) 2,4-Dimethylphenol	10.00	122	66442	37.679	ng	93
28) bis(2-Chloroethoxy)methane	10.23	93	91258	30.589	ng	94
29) 2,4-Dichlorophenol	10.48	162	71785	35.662	ng	92
30) 1,2,4-Trichlorobenzene	10.69	180	84894	34.394	ng	98
31) Naphthalene	10.88	128	201825	31.799	ng	98
33) 4-Chloroaniline	11.00	127	23884	8.634	ng	# 92
34) Hexachlorobutadiene	11.16	225	64356	33.436	ng	98
35) Caprolactam	11.76	113	13569m	15.708	ng	
36) 4-Chloro-3-methylphenol	12.11	107	90638	33.593	ng	90
37) 2-Methylnaphthalene	12.48	142	157384m	33.284	ng	
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	111883	33.086	ng	99
40) Hexachlorocyclopentadiene	12.83	237	126003	71.049	ng	95
42) 2,4,6-Trichlorophenol	13.09	196	66614	33.684	ng	99

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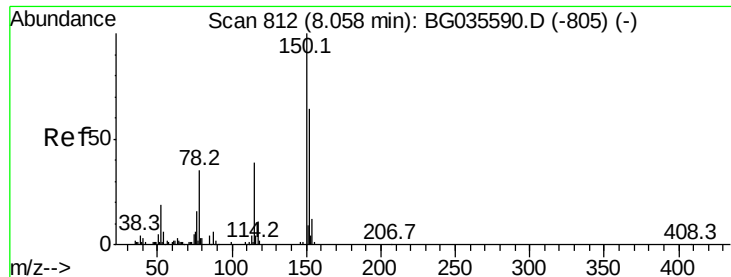
Manual Integrations
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Quant Time: Jul 24 02:19:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 15:28:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.17	196	76387	34.528	nq	97
45) 1,1'-Biphenyl	13.48	154	220338	31.720	nq	97
46) 2-Chloronaphthalene	13.53	162	171667	31.772	nq	100
47) 2-Nitroaniline	13.73	65	58803	30.784	nq	94
48) Acenaphthylene	14.37	152	287766	31.795	nq	98
49) Dimethylphthalate	14.10	163	286192	36.458	nq	98
50) 2,6-Dinitrotoluene	14.22	165	56919	35.607	nq	89
51) Acenaphthene	14.72	154	169493	30.062	nq	96
52) 3-Nitroaniline	14.56	138	37521	22.965	nq #	88
53) 2,4-Dinitrophenol	14.76	184	36943	47.826	nq #	62
54) Dibenzofuran	15.05	168	290644	32.414	nq	96
55) 4-Nitrophenol	14.88	139	80511	69.195	nq	85
56) 2,4-Dinitrotoluene	15.01	165	82607	36.021	nq #	84
57) Fluorene	15.70	166	242387	32.252	nq	95
58) 2,3,4,6-Tetrachlorophenol	15.27	232	72712	34.279	nq	95
59) Diethylphthalate	15.46	149	247149	30.619	nq	97
60) 4-Chlorophenyl-phenylether	15.69	204	138108	31.267	nq	95
61) 4-Nitroaniline	15.72	138	54022	31.610	nq #	86
62) Azobenzene	15.98	77	247163	31.044	nq	95
64) 4,6-Dinitro-2-methylphenol	15.77	198	37989	27.522	nq	92
65) n-Nitrosodiphenylamine	15.90	169	212361	30.088	nq	98
66) 4-Bromophenyl-phenylether	16.58	248	90034	31.297	nq	93
67) Hexachlorobenzene	16.70	284	96405	32.541	nq	95
68) Atrazine	16.85	200	98034	33.736	nq	97
69) Pentachlorophenol	17.05	266	81561	45.200	nq	99
70) Phenanthrene	17.44	178	410372	33.167	nq	99
71) Anthracene	17.52	178	415576	33.732	nq	98
72) Carbazole	17.80	167	381553	32.611	nq	99
73) Di-n-butylphthalate	18.35	149	447216	32.345	nq #	98
74) Fluoranthene	19.44	202	555226	33.315	nq	96
76) Benzidine	19.66	184	851	0.112	nq #	66
77) Pyrene	19.80	202	562362	30.876	nq	98
79) Butylbenzylphthalate	20.69	149	213289	32.747	nq #	92
80) Benzo(a)anthracene	21.64	228	575919	32.084	nq	100
81) 3,3'-Dichlorobenzidine	21.55	252	120068	19.183	nq #	96
82) Chrysene	21.70	228	541329	32.543	nq	97
83) Bis(2-ethylhexyl)phthalate	21.54	149	292319	33.012	nq #	98
84) Di-n-octyl phthalate	22.74	149	502982	33.925	nq #	93
85) Indeno(1,2,3-cd)pyrene	28.49	276	597003	32.417	nq #	89
87) Benzo(b)fluoranthene	23.83	252	544605	31.984	nq #	96
88) Benzo(k)fluoranthene	23.90	252	527653	31.697	nq #	97
89) Benzo(a)pyrene	24.70	252	528690	33.375	nq #	93
90) Dibenzo(a,h)anthracene	28.55	278	496039	31.896	nq #	94
91) Benzo(g,h,i)perylene	29.63	276	495836	32.582	nq #	93

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



#1

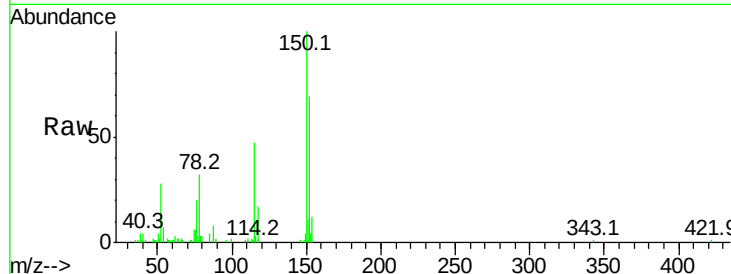
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG035835.D
Acq: 23 Jul 2018 19:53

Instrument :
BNA_G
ClientSampleId :
IDOC HP-3

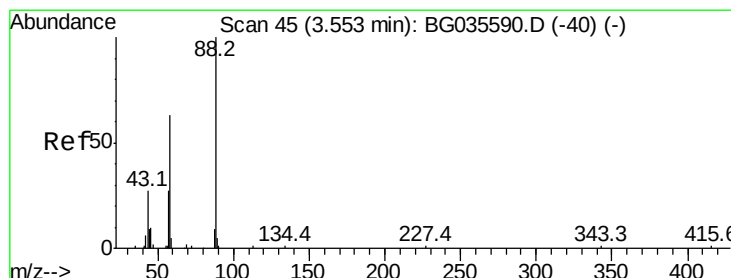
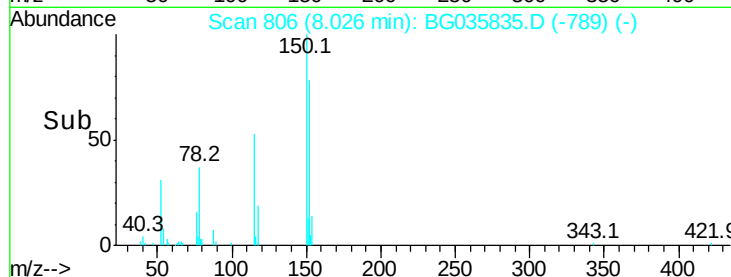
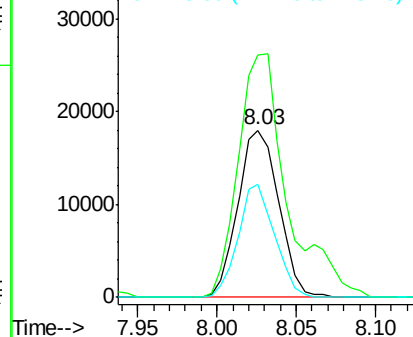
Tot Ion	Ratio	Lower	Upper
152	100		
150	145.0	126.6	189.8
115	68.1	53.0	79.4

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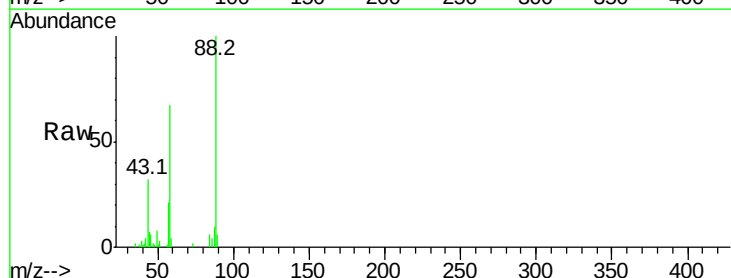
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



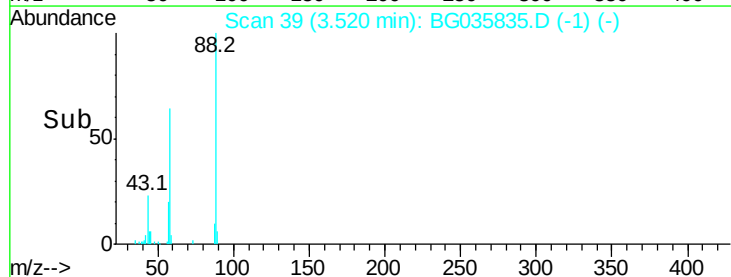
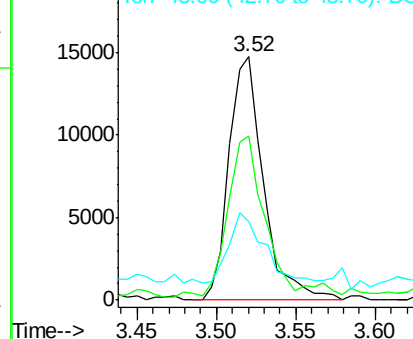
#2

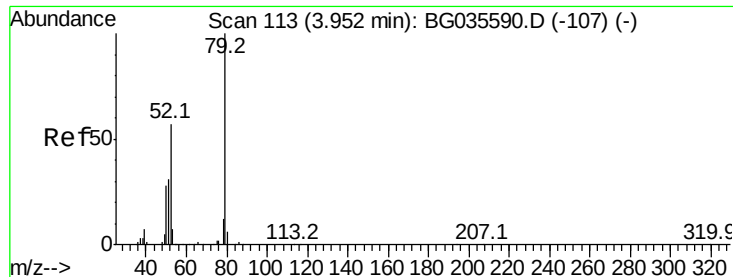
1,4-Dioxane
Concen: 22.651 ng
RT: 3.52 min Scan# 39
Delta R.T. -0.01 min
Lab File: BG035835.D
Acq: 23 Jul 2018 19:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.4	79.6	119.4#
43	31.1	27.4	41.0



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 0.251 ng

RT: 3.98 min Scan# 117

Delta R.T. 0.05 min

Lab File: BG035835.D

Acq: 23 Jul 2018 19:53

Instrument :

BNA_G

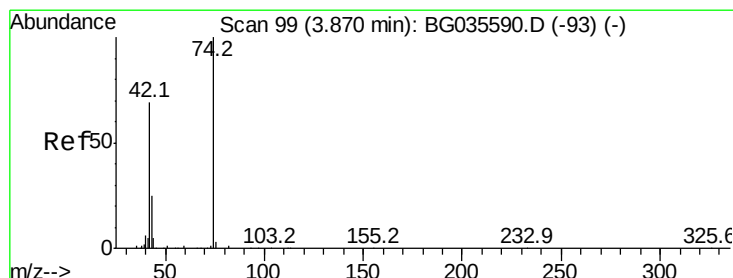
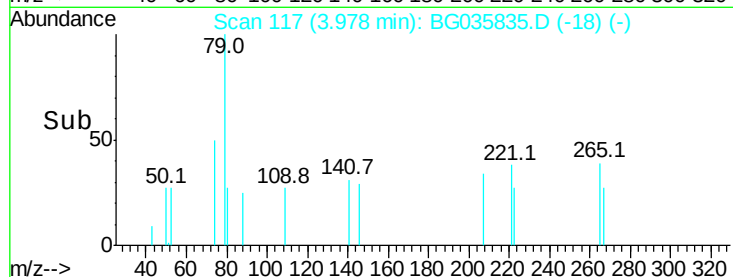
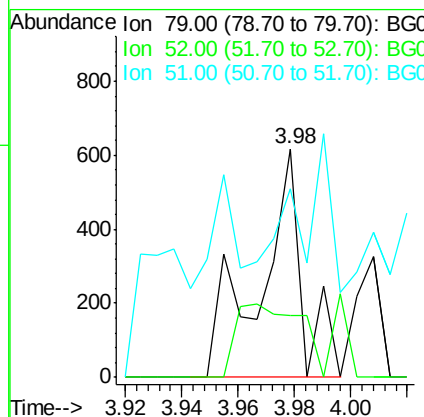
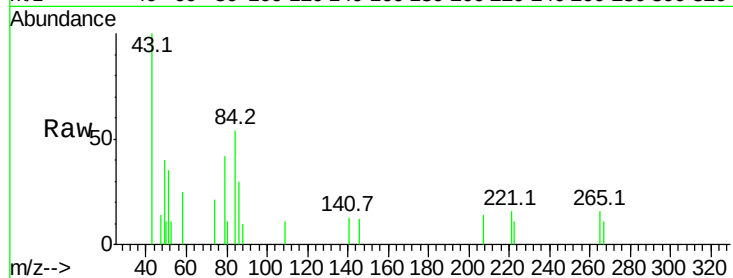
ClientSampled :

IDOC HP-3

Tot Ion:	79	Resp:	645
Ion Ratio	Lower	Upper	
79	100		
52	27.1	69.9	104.9#
51	82.5	34.0	51.0#

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#4

n-Nitrosodimethylamine

Concen: 25.906 ng

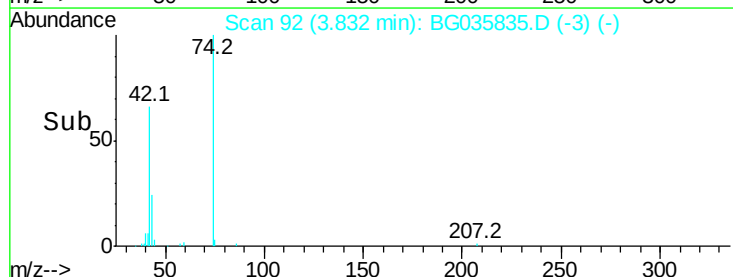
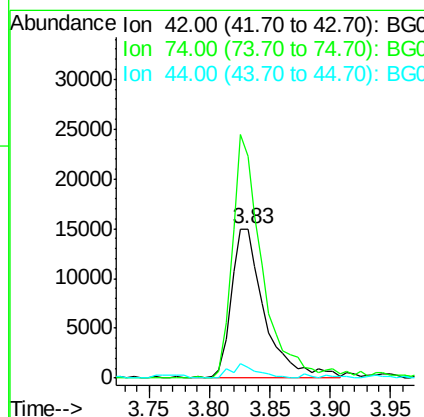
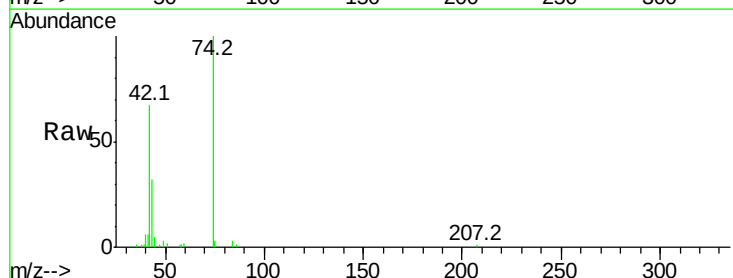
RT: 3.83 min Scan# 92

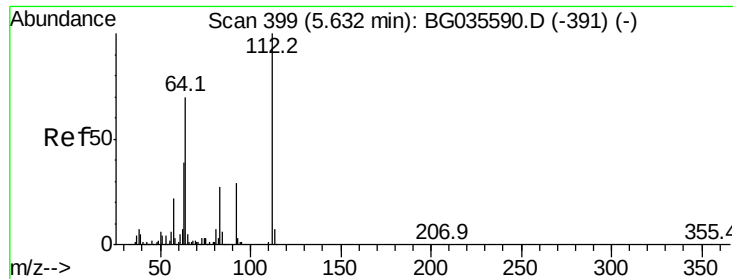
Delta R.T. -0.01 min

Lab File: BG035835.D

Acq: 23 Jul 2018 19:53

Tgt Ion:	42	Resp:	28630
Ion Ratio	Lower	Upper	
42	100		
74	148.4	102.5	153.7
44	6.9	18.9	28.3#





#5

2-Fluorophenol

Concen: 98.005 ng

RT: 5.61 min Scan# 394

Delta R.T. -0.01 min

Lab File: BG035835.D

Acq: 23 Jul 2018 19:53

Instrument :

BNA_G

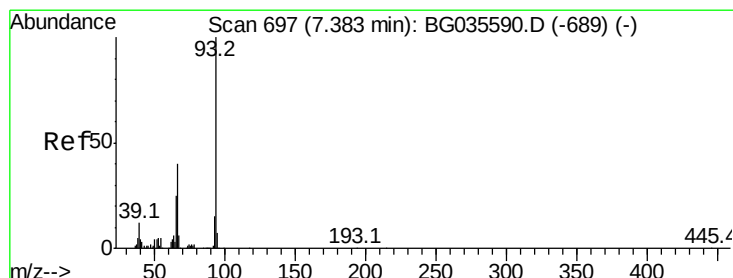
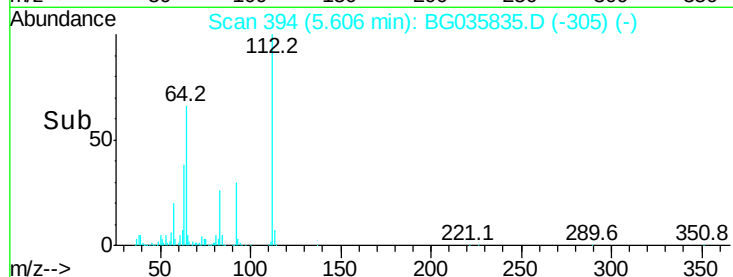
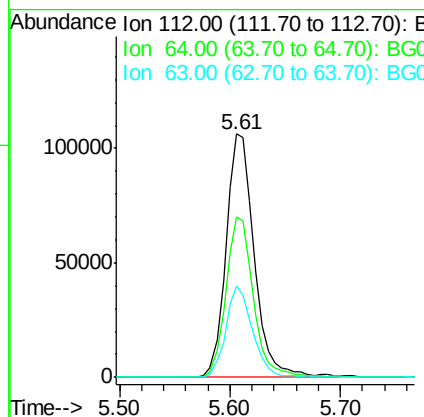
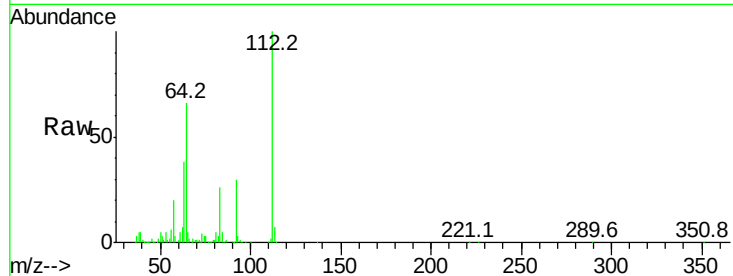
ClientSampled :

IDOC HP-3

Tot Ion:	112	Resp:	189843
Ion Ratio	Lower	Upper	
112	100		
64	65.7	56.3	84.5
63	37.8	30.1	45.1

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#6

Aniline

Concen: 4.002 ng

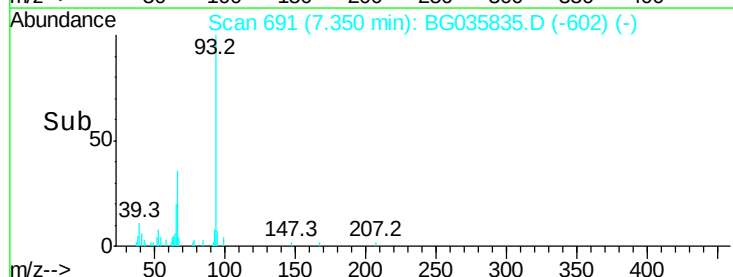
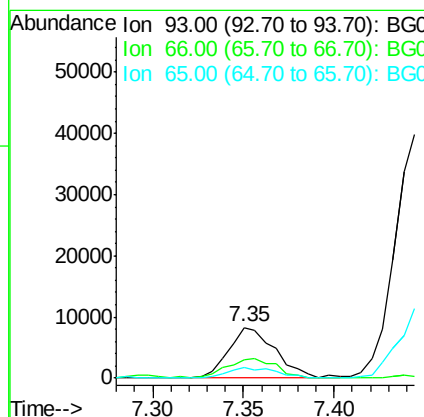
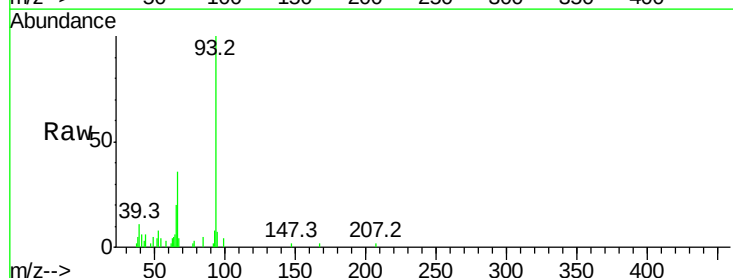
RT: 7.35 min Scan# 691

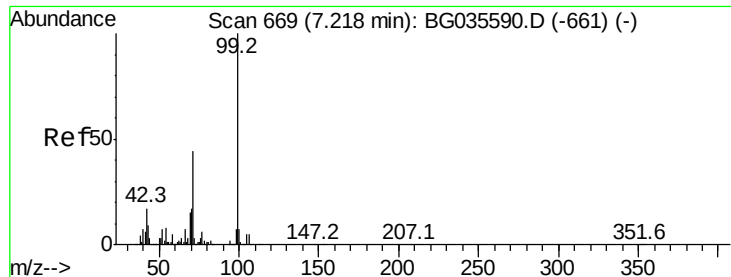
Delta R.T. -0.01 min

Lab File: BG035835.D

Acq: 23 Jul 2018 19:53

Tgt Ion:	93	Resp:	14991
Ion Ratio	Lower	Upper	
93	100		
66	36.3	33.7	50.5
65	20.3	16.1	24.1





#7

Phenol-d6

Concen: 99.550 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG035835.D

Acq: 23 Jul 2018 19:53

Instrument :

BNA_G

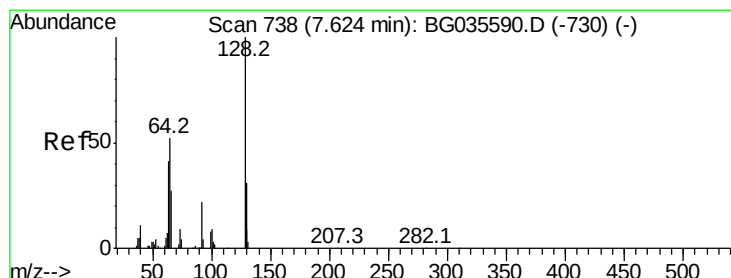
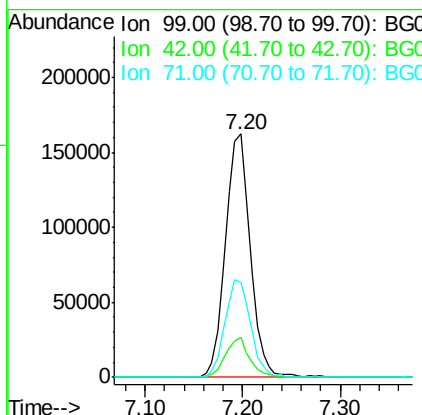
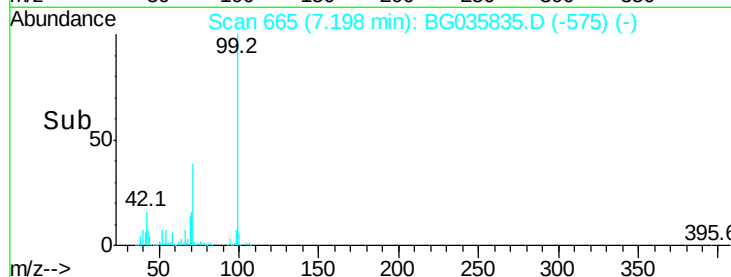
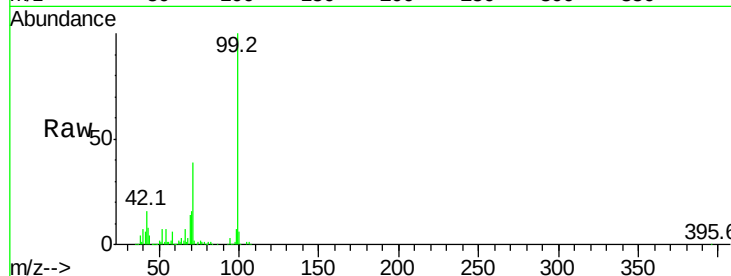
ClientSampleId :

IDOC HP-3

Tot Ion:	99	Resp:	287710
Ion Ratio	Lower	Upper	
99	100		
42	16.3	14.1	21.1
71	39.0	26.1	39.1

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#8

2-Chlorophenol

Concen: 33.376 ng

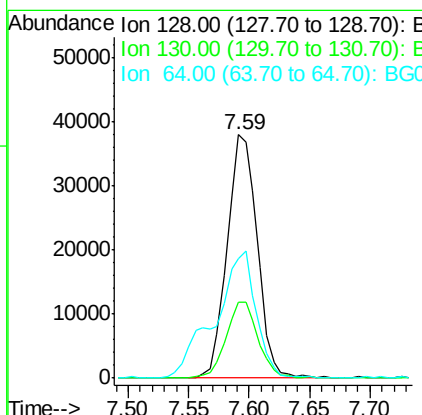
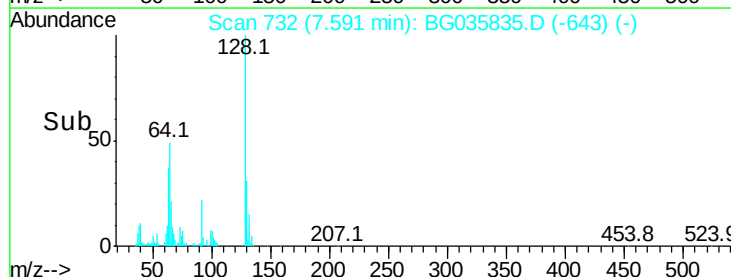
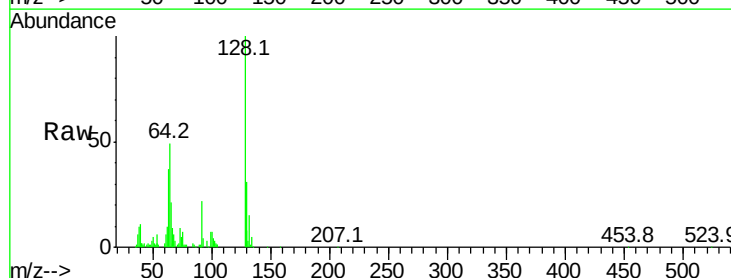
RT: 7.59 min Scan# 732

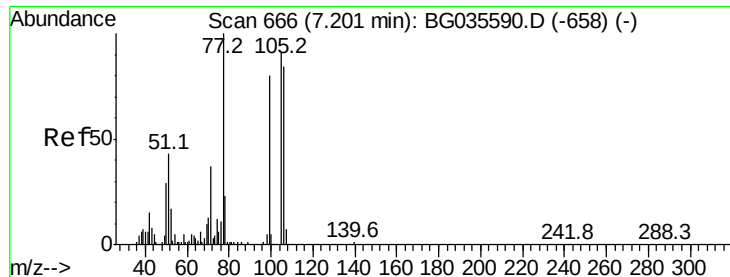
Delta R.T. -0.01 min

Lab File: BG035835.D

Acq: 23 Jul 2018 19:53

Tgt Ion:	128	Resp:	65754
Ion Ratio	Lower	Upper	
128	100		
130	31.2	14.0	54.0
64	49.3	37.7	77.7





#9

Benzaldehyde

Concen: 28.132 ng

RT: 7.17 min Scan# 660

Delta R.T. -0.00 min

Lab File: BG035835.D

Acq: 23 Jul 2018 19:53

Instrument :

BNA_G

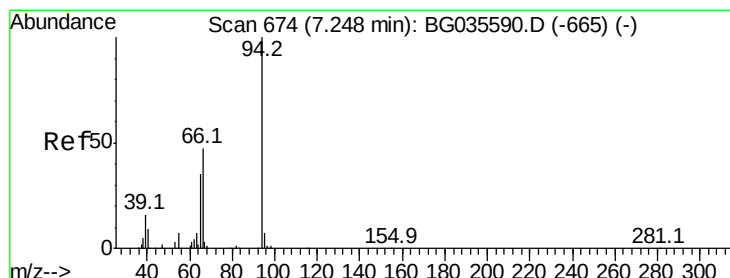
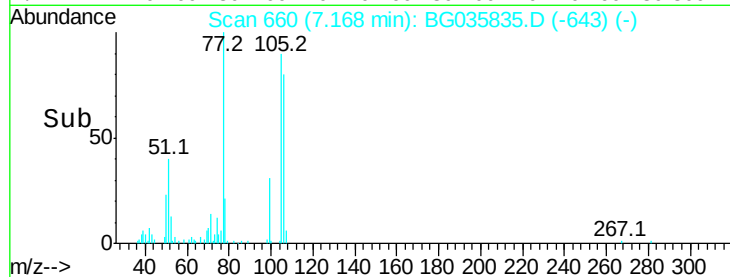
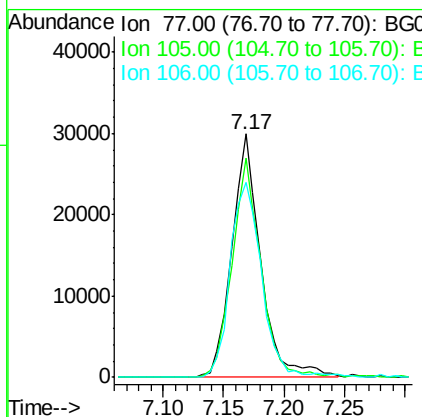
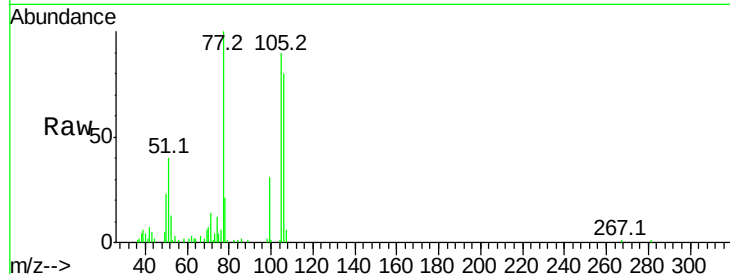
ClientSampled :

IDOC HP-3

Tot Ion:	77	Resp:	49886
Ion	Ratio	Lower	Upper
77	100		
105	90.2	71.3	111.3
106	80.2	64.2	104.2

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#10

Phenol

Concen: 33.597 ng

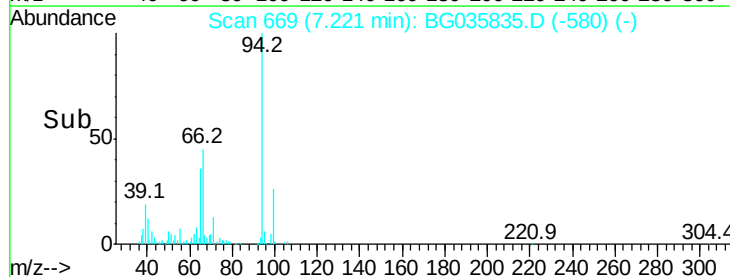
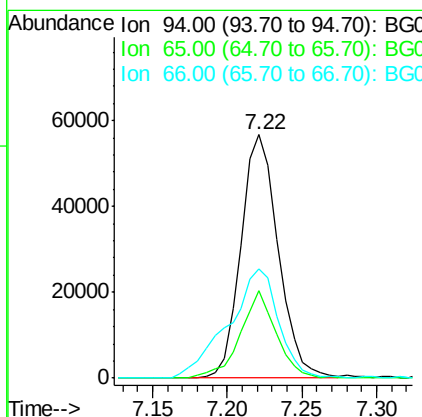
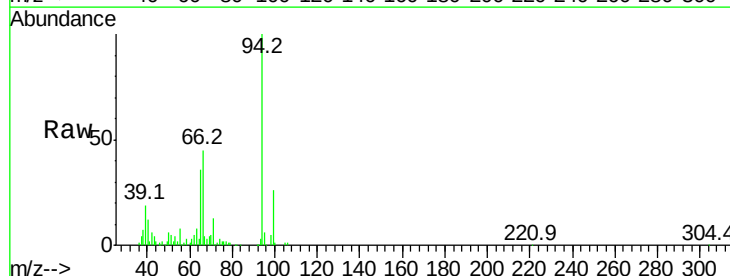
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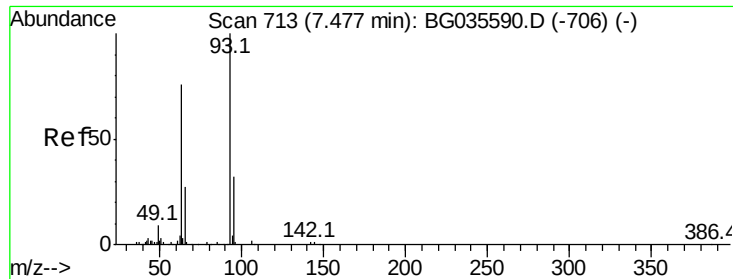
Delta R.T. -0.01 min

Lab File: BG035835.D

Acq: 23 Jul 2018 19:53

Tgt Ion:	94	Resp:	98097
Ion	Ratio	Lower	Upper
94	100		
65	36.0	11.9	51.9
66	44.9	22.2	62.2





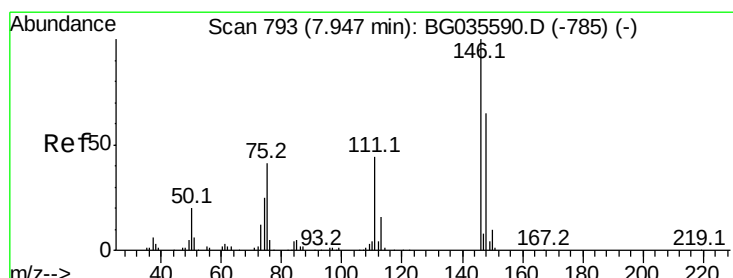
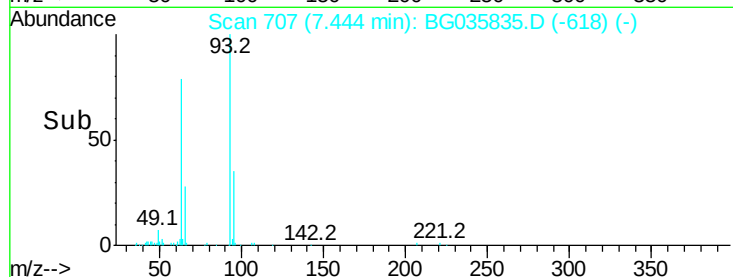
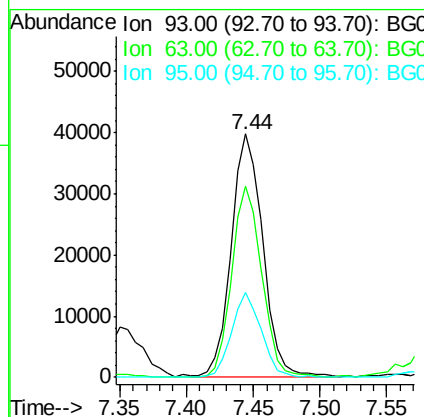
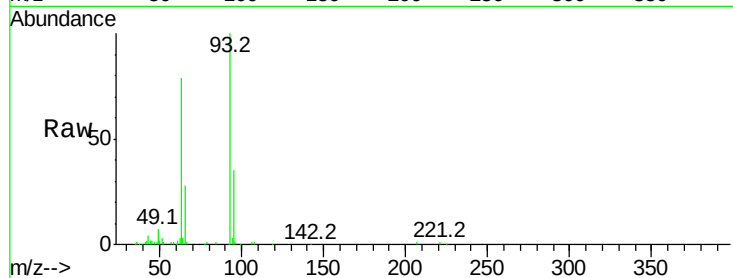
#11
bis(2-Chloroethyl)ether
Concen: 28.847 ng
RT: 7.44 min Scan# 707
Delta R.T. -0.01 min
Lab File: BG035835.D
Acq: 23 Jul 2018 19:53

Instrument :
BNA_G
ClientSampled :
IDOC HP-3

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.7	67.1	107.1
95	34.7	11.5	51.5

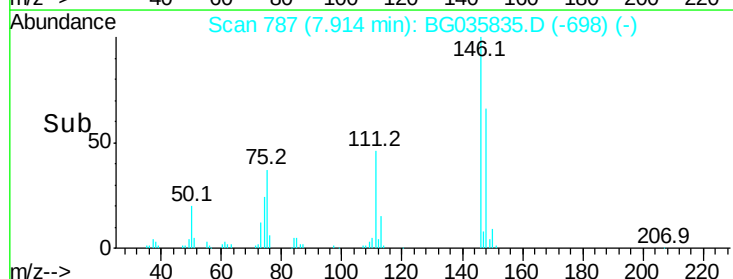
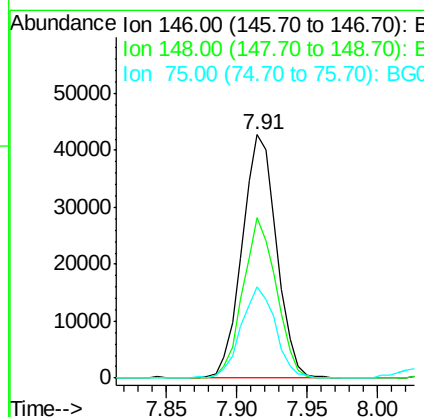
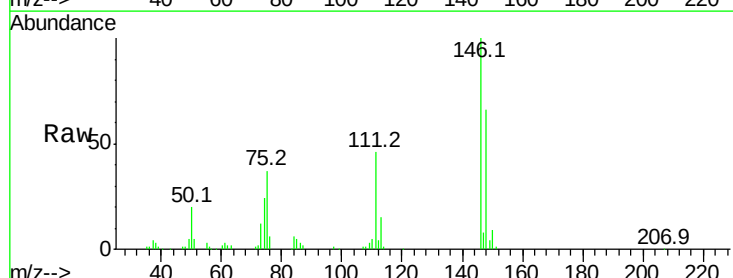
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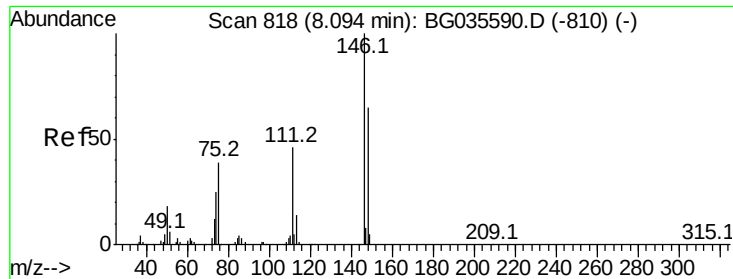
Sohil
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#12
1,3-Dichlorobenzene
Concen: 30.629 ng
RT: 7.91 min Scan# 787
Delta R.T. -0.01 min
Lab File: BG035835.D
Acq: 23 Jul 2018 19:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.1	51.4	77.2
75	37.3	26.6	39.8





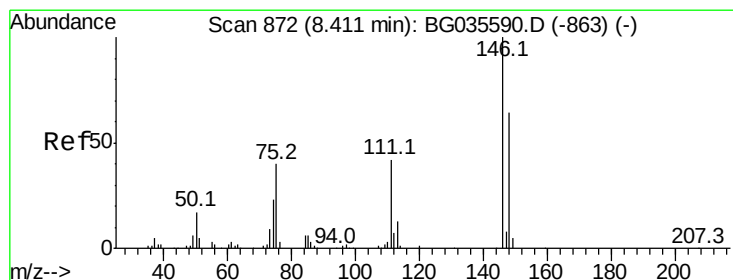
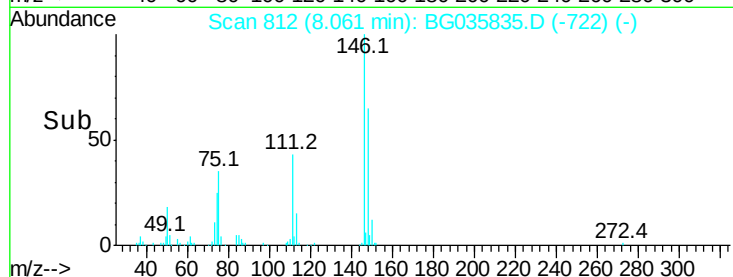
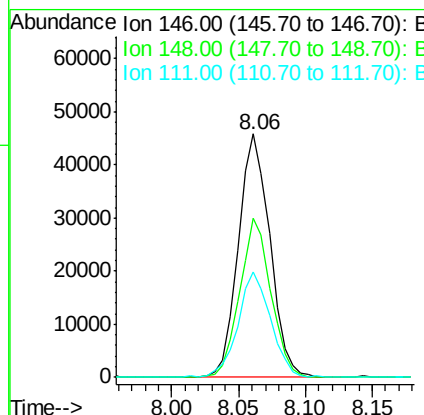
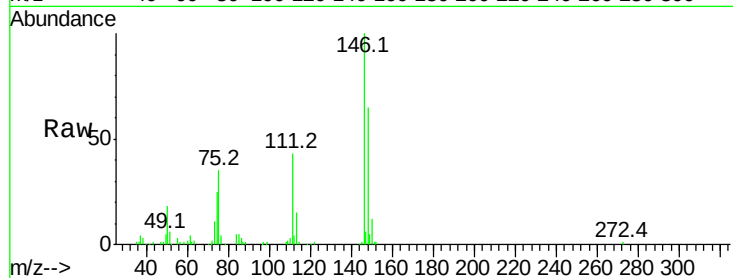
#13
 1,4-Dichlorobenzene
 Concen: 30.990 ng
 RT: 8.06 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BG035835.D
 Acq: 23 Jul 2018 19:53

Instrument :
 BNA_G
 ClientSampleId :
 IDOC HP-3

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.4	53.7	80.5
111	43.2	35.2	52.8

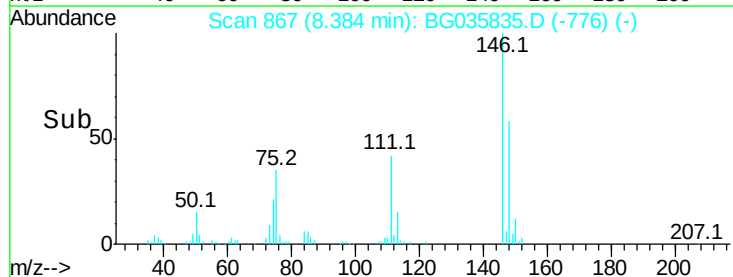
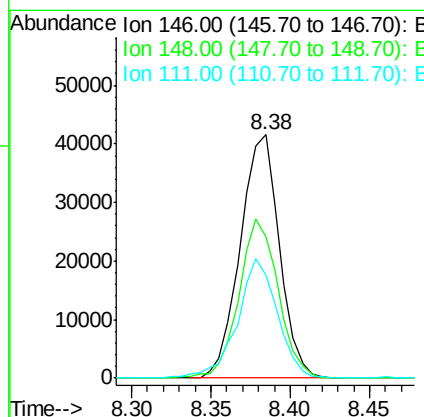
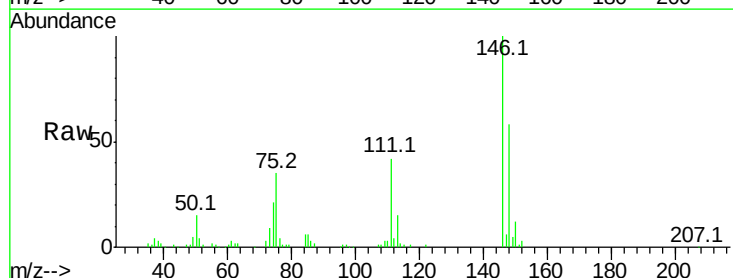
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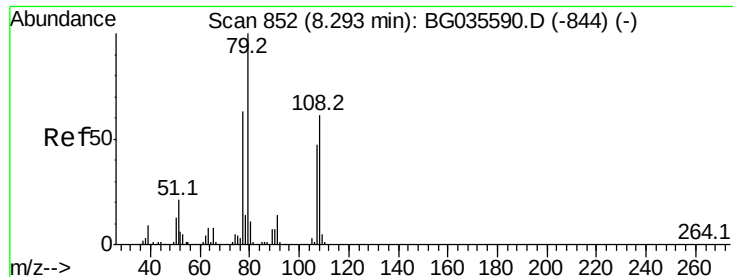
Sohil
 7/24/2018 3:05:53 PM



#14
 1,2-Dichlorobenzene
 Concen: 30.716 ng
 RT: 8.38 min Scan# 867
 Delta R.T. 0.00 min
 Lab File: BG035835.D
 Acq: 23 Jul 2018 19:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	57.8	49.3	73.9
111	42.5	34.3	51.5





#15

Benzyl Alcohol

Concen: 27.812 ng

RT: 8.27 min Scan# 847

Delta R.T. -0.00 min

Lab File: BG035835.D

Acq: 23 Jul 2018 19:53

Instrument :

BNA_G

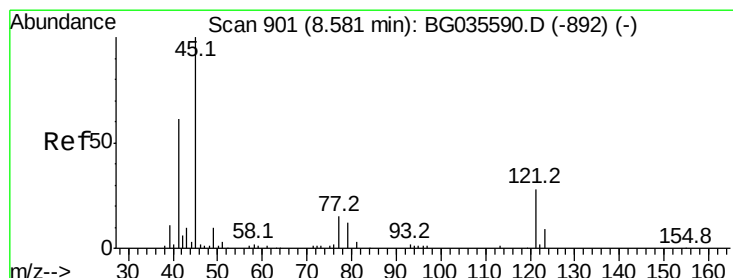
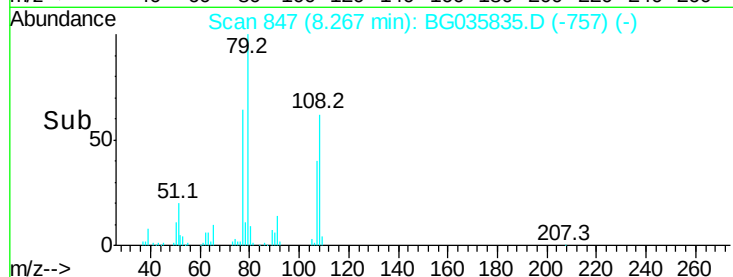
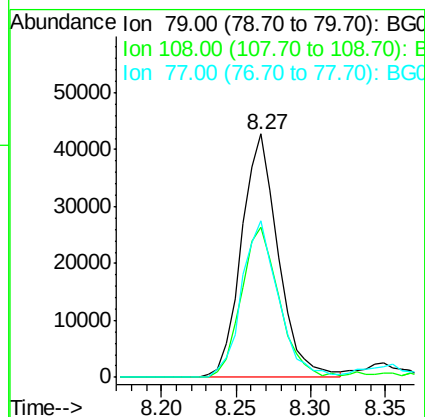
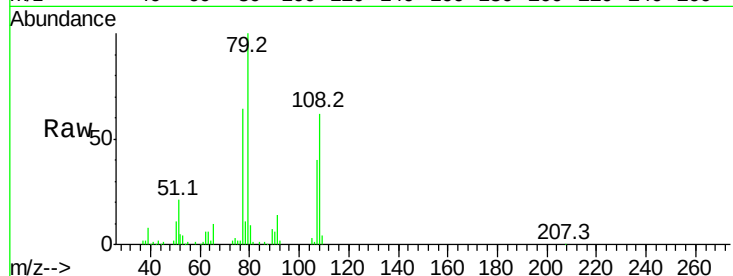
ClientSampled :

IDOC HP-3

Tot Ion:	79	Resp:	72993
Ion Ratio	Lower	Upper	
79	100		
108	61.9	57.2	85.8
77	64.2	46.1	69.1

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.266 ng

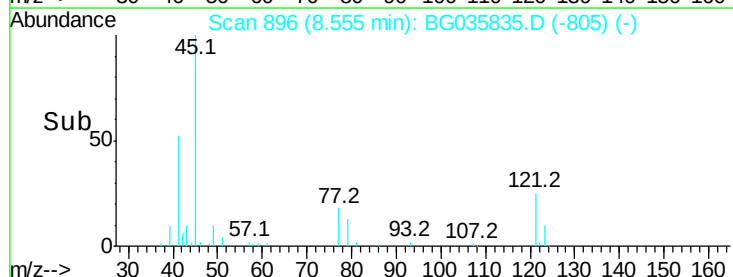
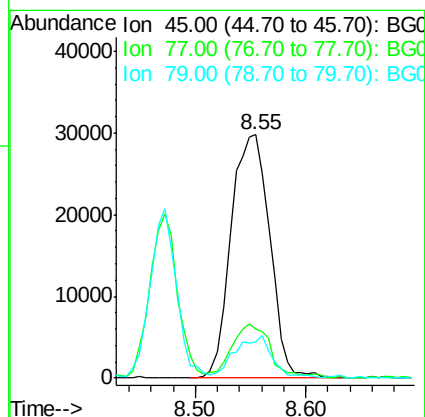
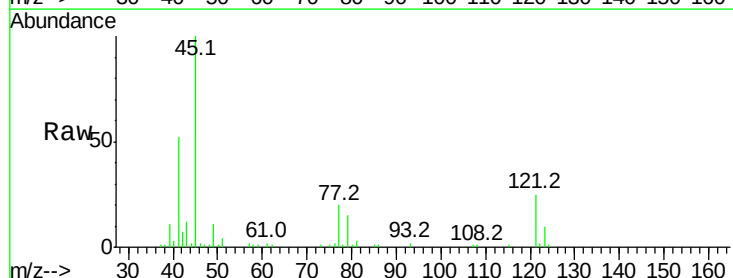
RT: 8.55 min Scan# 896

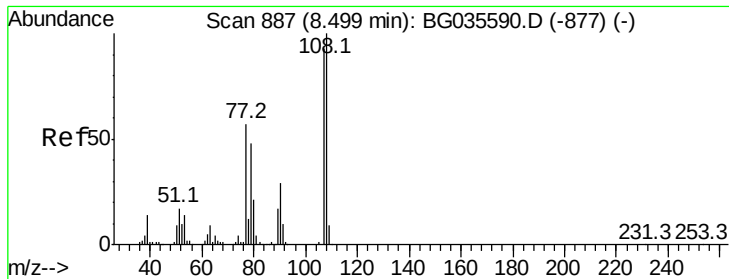
Delta R.T. 0.00 min

Lab File: BG035835.D

Acq: 23 Jul 2018 19:53

Tgt Ion:	45	Resp:	73360
Ion Ratio	Lower	Upper	
45	100		
77	20.2	0.0	30.2
79	15.1	0.0	27.9





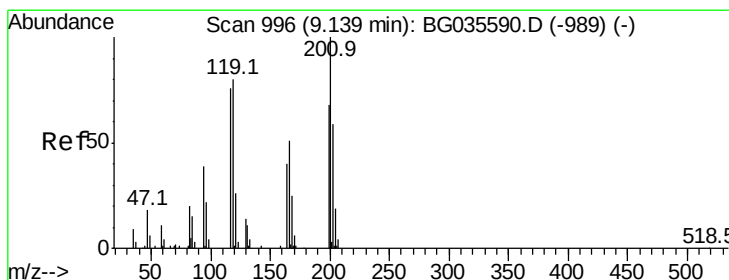
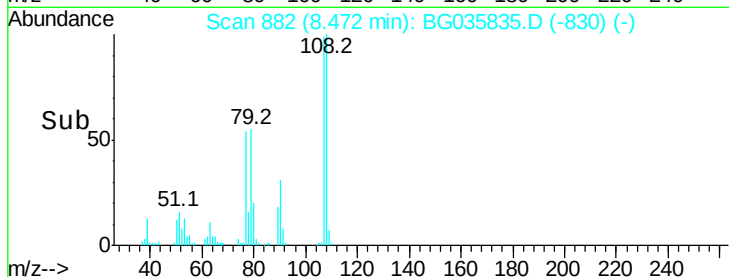
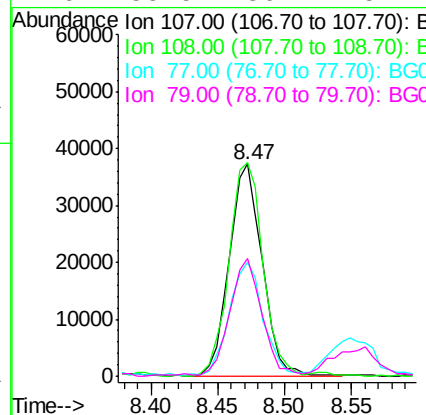
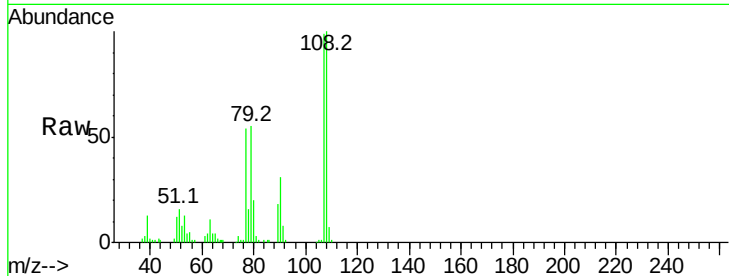
#17
2-Methylphenol
Concen: 32.510 ng
RT: 8.47 min Scan# 882
Delta R.T. 0.00 min
Lab File: BG035835.D
Acq: 23 Jul 2018 19:53

Instrument :
BNA_G
ClientSampleId :
IDOC HP-3

Tot Ion	Ratio	Resp	Lower	Upper
107	100	64540		
108	100.7		83.9	125.9
77	53.9		37.2	55.8
79	55.5		36.2	54.2#

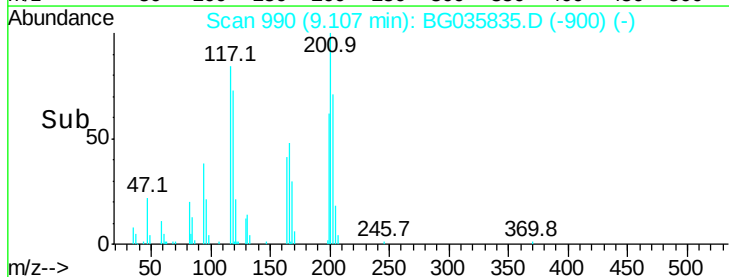
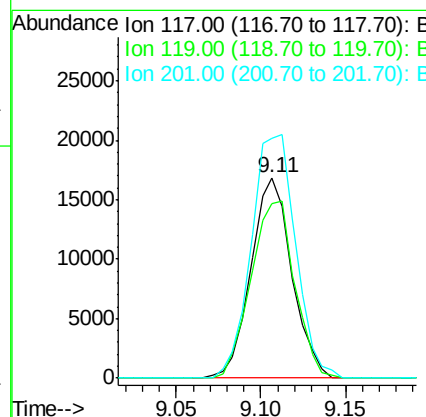
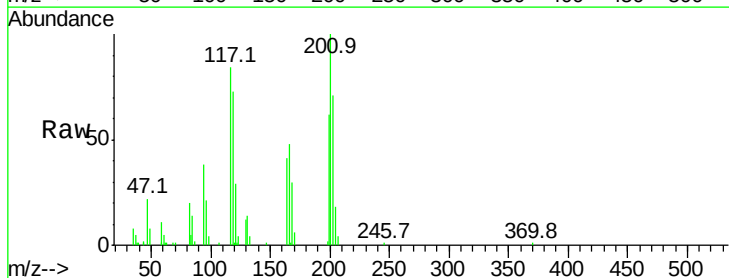
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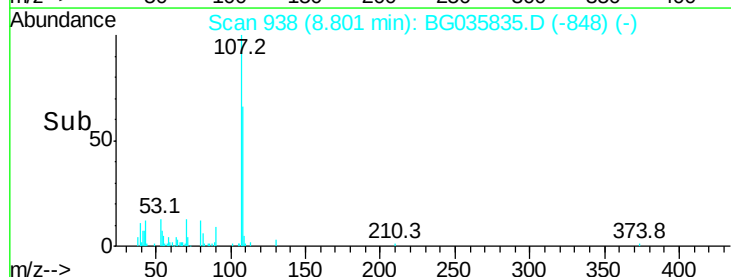
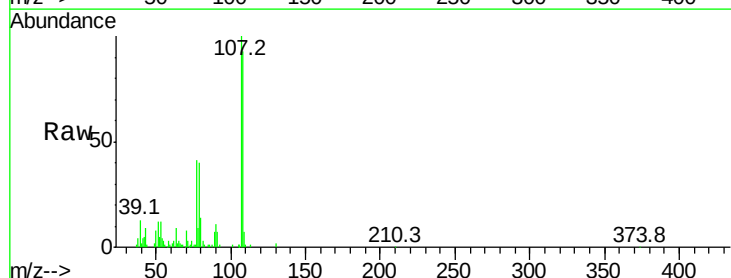
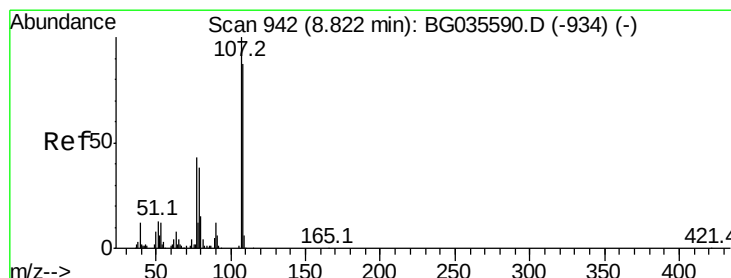
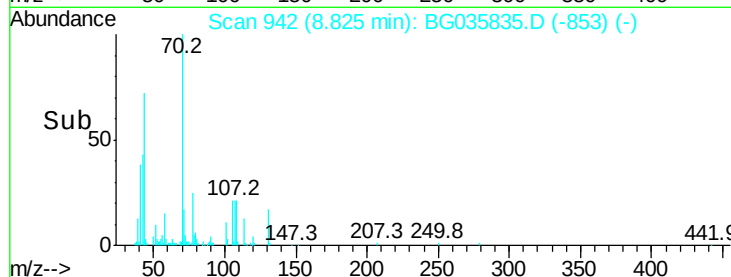
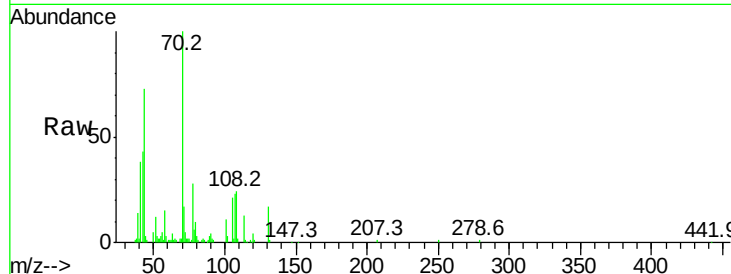
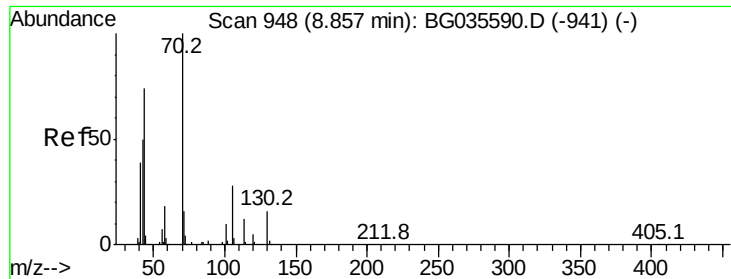
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#18
Hexachloroethane
Concen: 30.604 ng
RT: 9.11 min Scan# 990
Delta R.T. -0.00 min
Lab File: BG035835.D
Acq: 23 Jul 2018 19:53

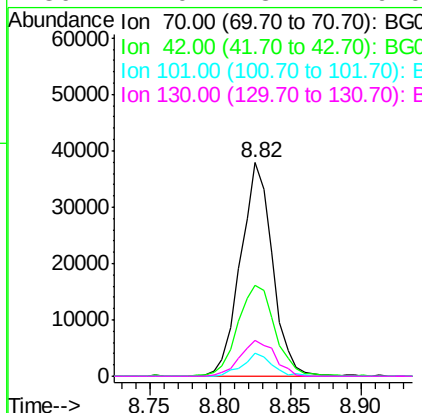
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	28286		
119	86.8		76.7	115.1
201	119.4		95.7	143.5





#19
n-Nitroso-di-n-propylamine
Concen: 24.665 ng
RT: 8.82 min Scan# 942
Delta R.T. -0.01 min
Lab File: BG035835.D
Acq: 23 Jul 2018 19:53

Tot Ion	Ratio	Lower	Upper
70	100		
42	42.5	49.1	73.7#
101	10.6	8.5	12.7
130	17.0	13.4	20.0



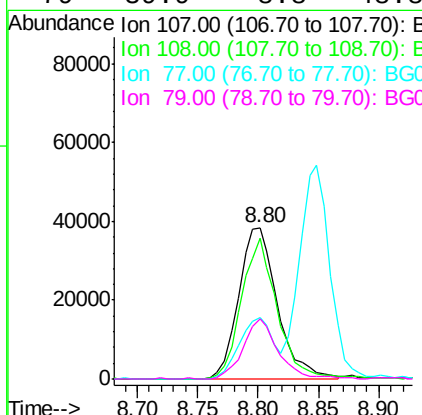
Instrument :
BNA_G
ClientSampleId :
IDOC HP-3

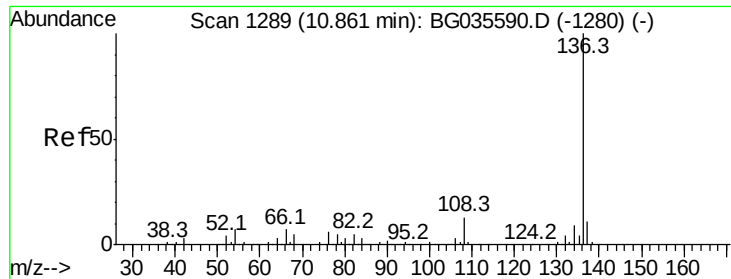
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#20
3+4-Methylphenols
Concen: 31.067 ng
RT: 8.80 min Scan# 938
Delta R.T. -0.00 min
Lab File: BG035835.D
Acq: 23 Jul 2018 19:53

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.5	61.6	101.6
77	41.1	13.9	53.9
79	39.9	8.8	48.8





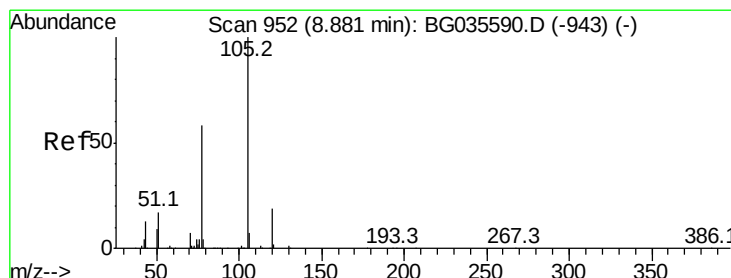
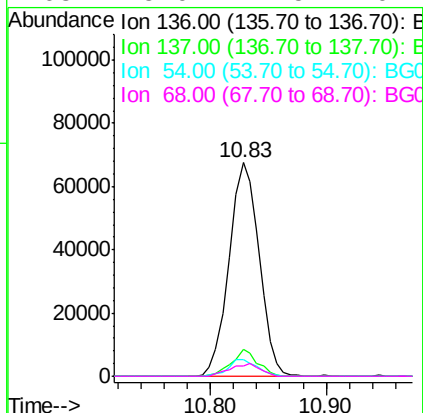
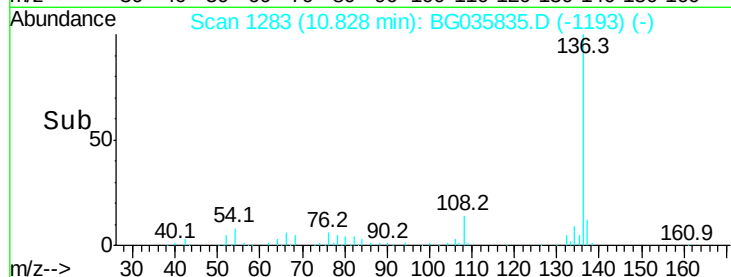
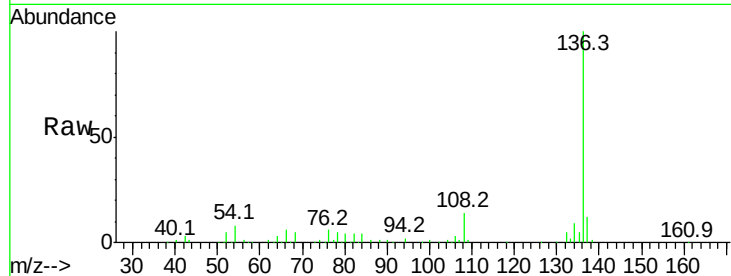
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BG035835.D
Acq: 23 Jul 2018 19:53

Instrument :
BNA_G
ClientSampled :
IDOC HP-3

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	12.5	9.2	13.8	
54	7.6	10.3	15.5	
68	5.0	4.5	6.7	

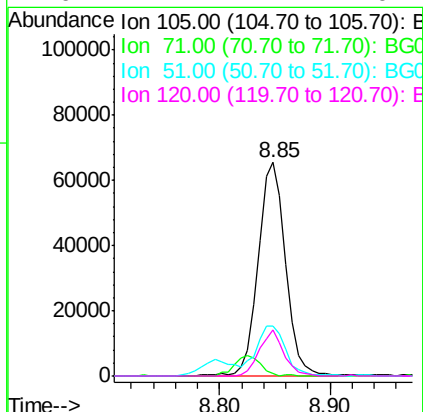
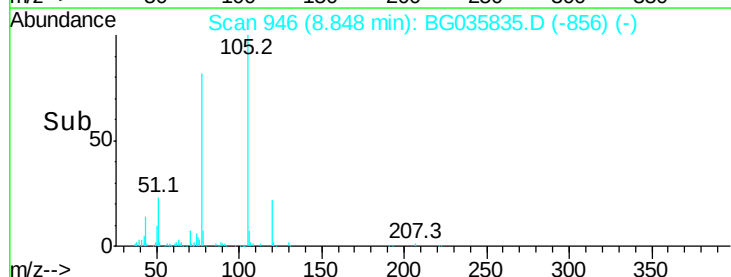
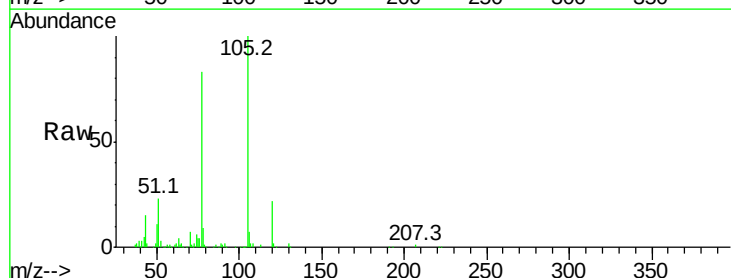
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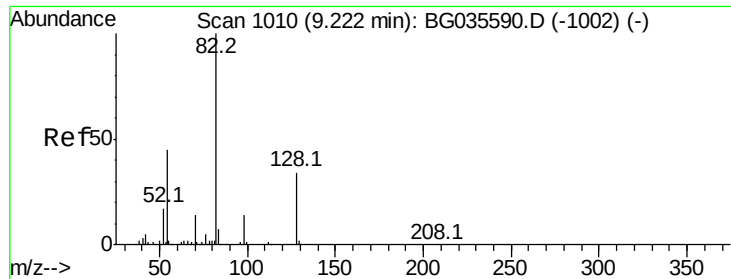
Sohil
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#22
Acetophenone
Concen: 30.043 ng
RT: 8.85 min Scan# 946
Delta R.T. -0.00 min
Lab File: BG035835.D
Acq: 23 Jul 2018 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.0	3.0	4.4	
51	23.5	26.1	39.1	
120	21.7	17.4	26.2	





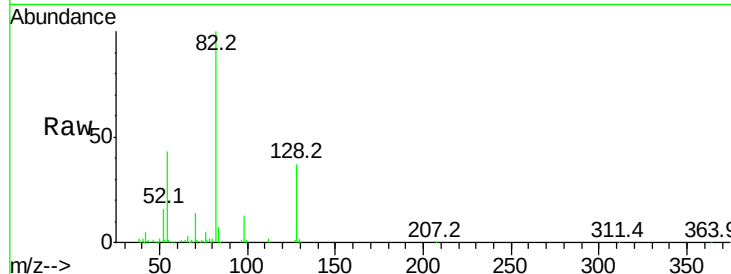
#23
Nitrobenzene-d5
Concen: 62.505 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG035835.D
Acq: 23 Jul 2018 19:53

Instrument :
BNA_G
ClientSampled :
IDOC HP-3

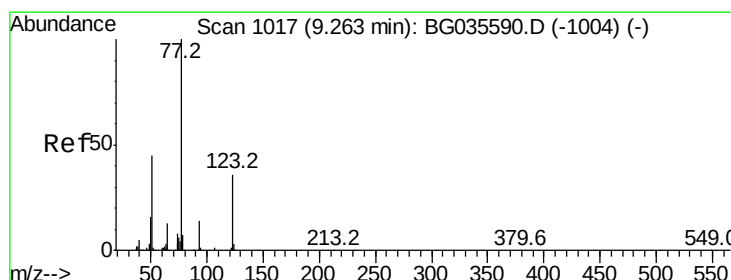
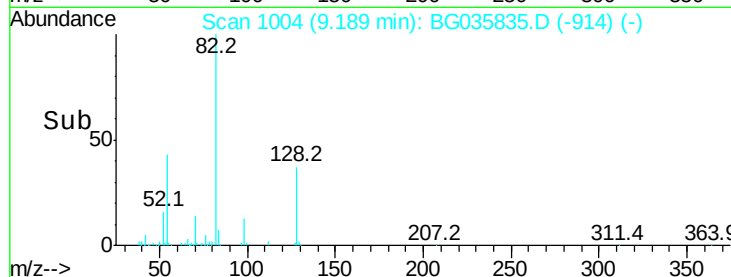
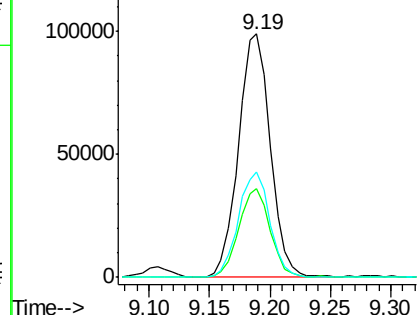
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	36.6	29.7	44.5	
54	43.0	43.1	64.7	

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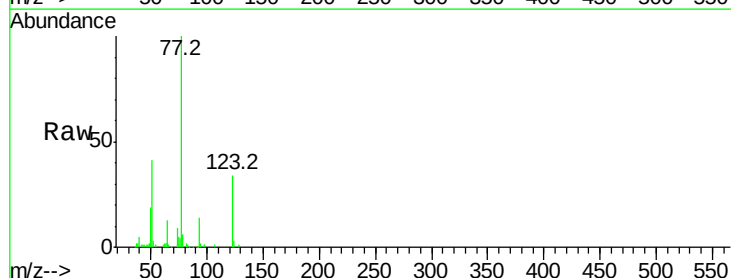


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

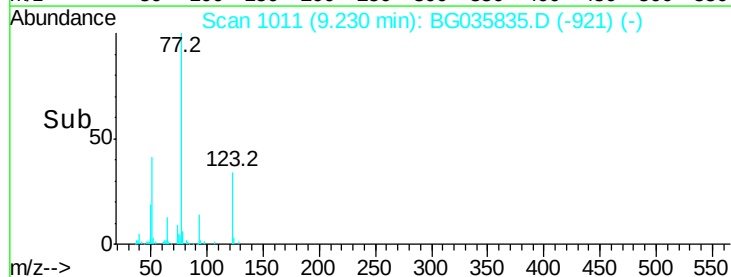
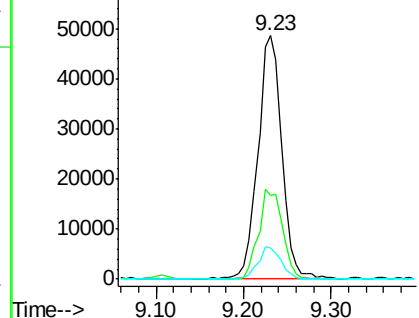


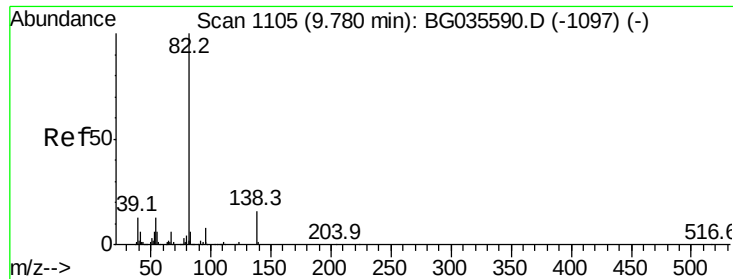
#24
Nitrobenzene
Concen: 31.141 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BG035835.D
Acq: 23 Jul 2018 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	34.3	33.0	49.6	
65	12.9	13.0	19.6	



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 32.000 ng

RT: 9.75 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BG035835.D

Acq: 23 Jul 2018 19:53

Instrument :

BNA_G

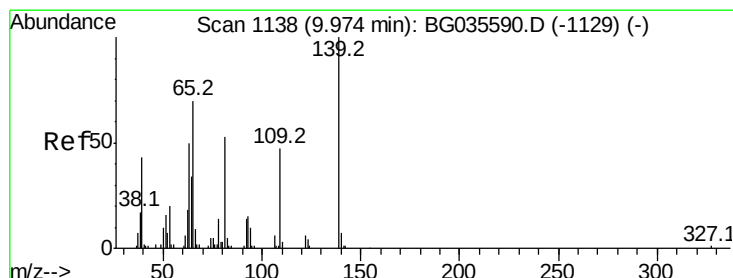
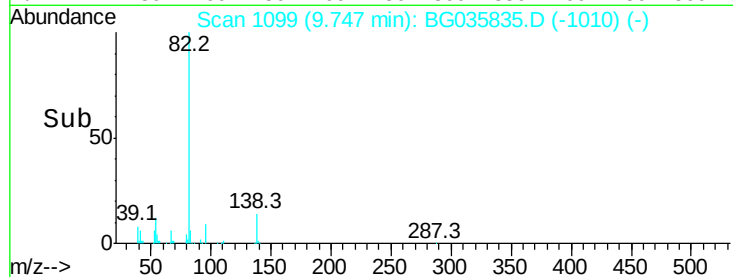
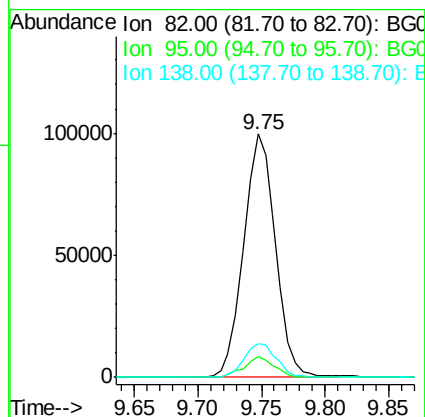
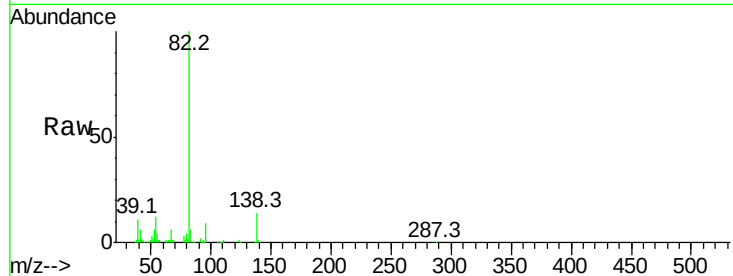
ClientSampled :

IDOC HP-3

Tot Ion	82	Resp	173258
Ion Ratio	Lower	Upper	
82	100		
95	8.6	6.2	9.2
138	14.0	12.1	18.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 35.346 ng

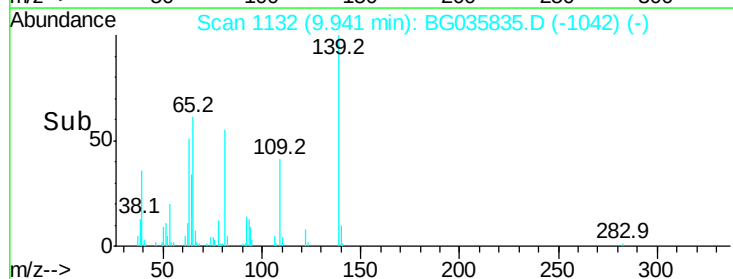
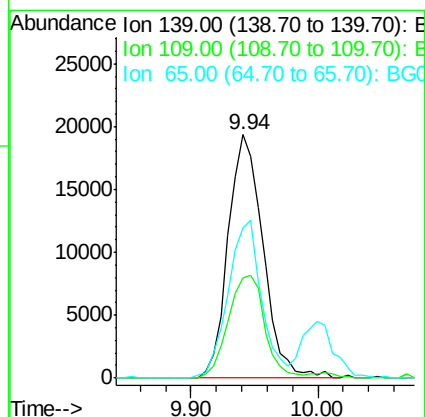
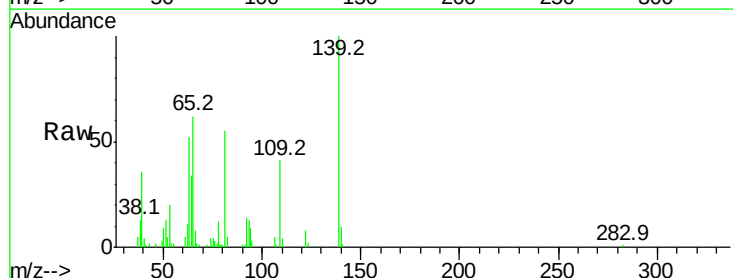
RT: 9.94 min Scan# 1132

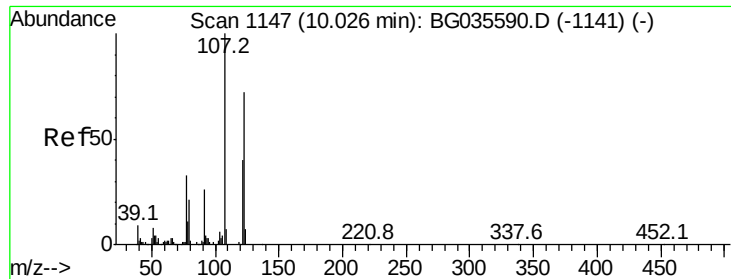
Delta R.T. -0.00 min

Lab File: BG035835.D

Acq: 23 Jul 2018 19:53

Tgt Ion	139	Resp	36822
Ion Ratio	Lower	Upper	
139	100		
109	41.4	24.2	36.2#
65	61.6	47.4	71.0





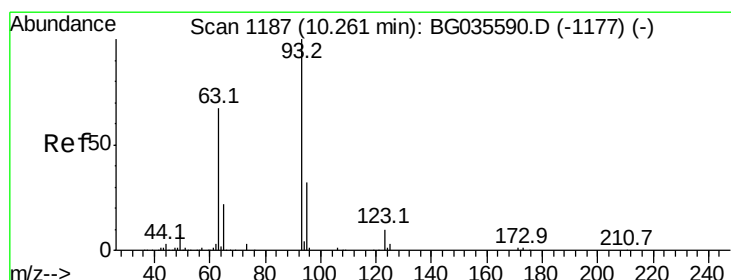
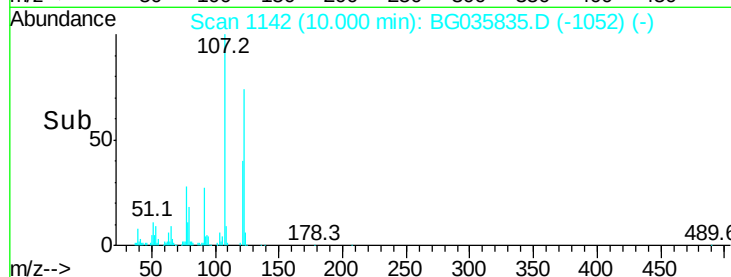
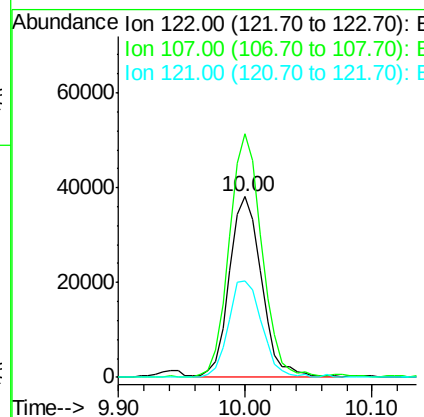
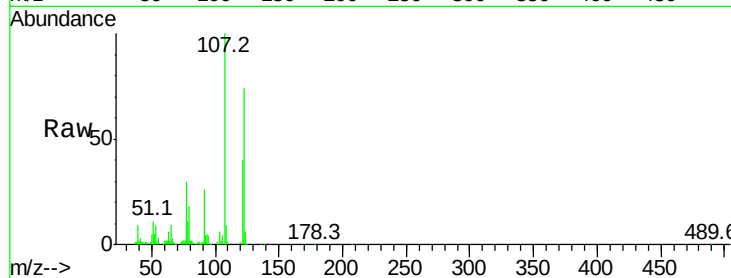
#27
2,4-Dimethylphenol
Concen: 37.679 ng
RT: 10.00 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BG035835.D
Acq: 23 Jul 2018 19:53

Instrument :
BNA_G
ClientSampleId :
IDOC HP-3

Tot Ion	Ratio	Lower	Upper
122	100		
107	134.9	100.2	150.2
121	53.3	44.4	66.6

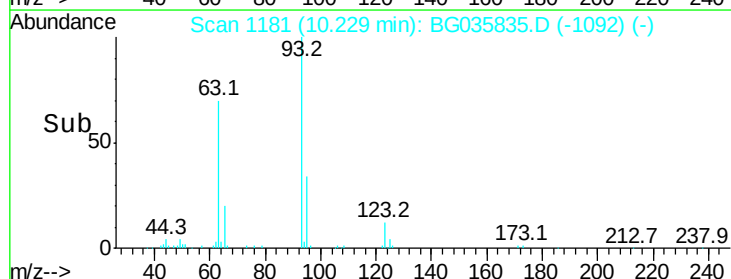
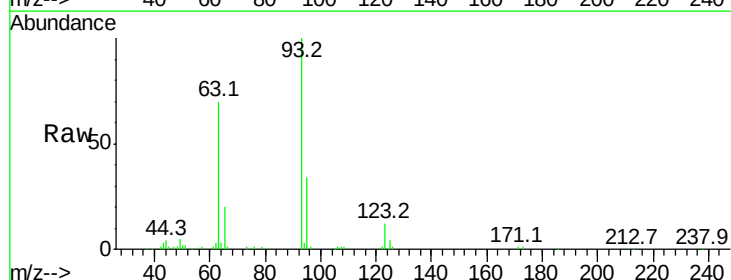
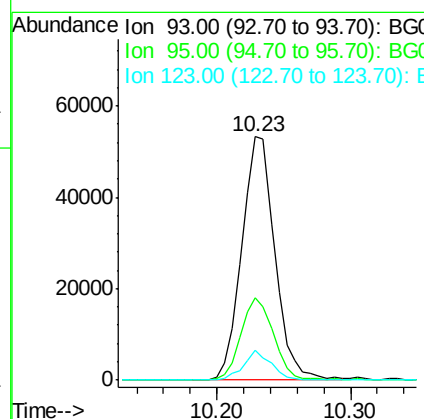
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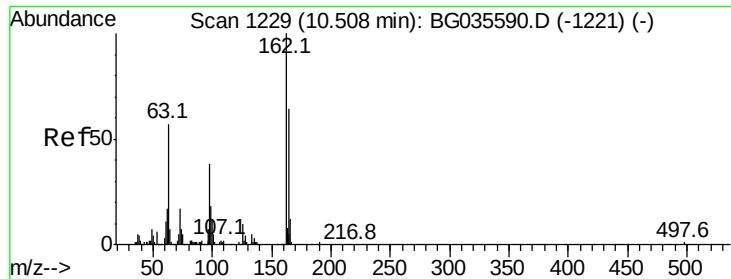
Sohil
7/24/2018 3:05:53 PM



#28
bis(2-Chloroethoxy)methane
Concen: 30.589 ng
RT: 10.23 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BG035835.D
Acq: 23 Jul 2018 19:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.8	24.3	36.5
123	12.4	8.4	12.6





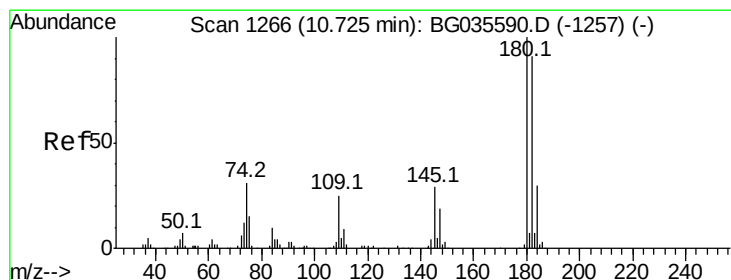
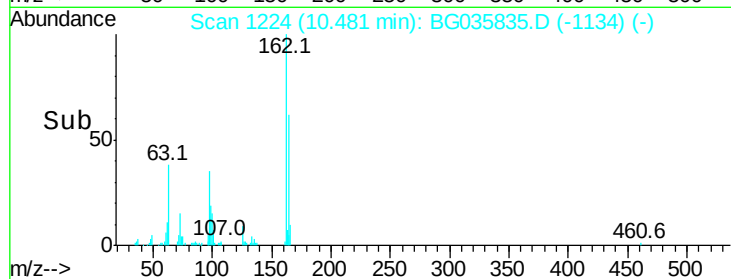
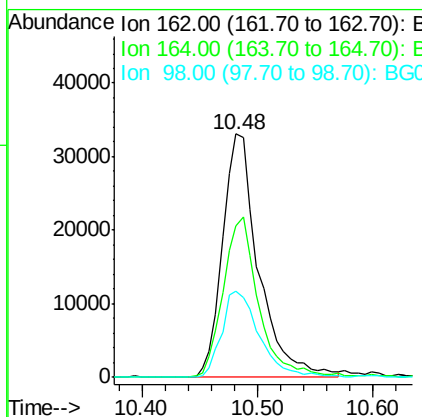
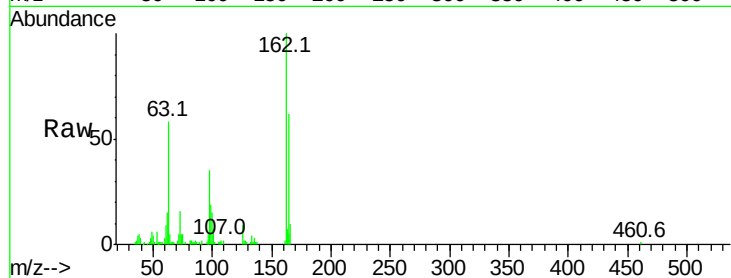
#29
2,4-Dichlorophenol
Concen: 35.662 ng
RT: 10.48 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BG035835.D
Acq: 23 Jul 2018 19:53

Instrument :
BNA_G
ClientSampled :
IDOC HP-3

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.2	48.0	88.0
98	35.4	21.1	61.1

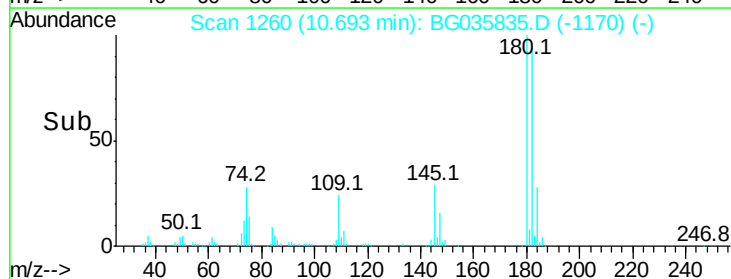
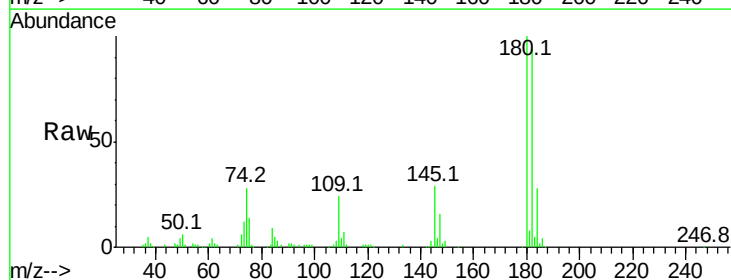
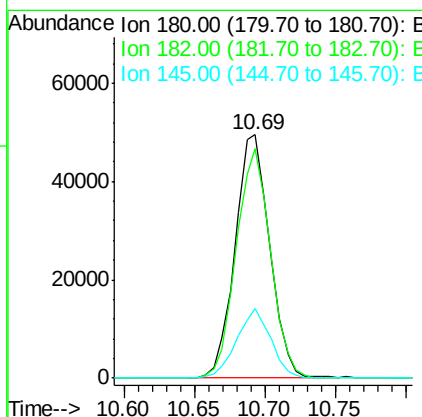
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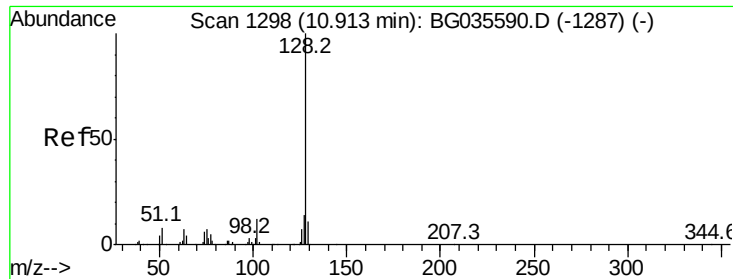
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 34.394 ng
RT: 10.69 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BG035835.D
Acq: 23 Jul 2018 19:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	77.5	116.3
145	28.7	23.4	35.2





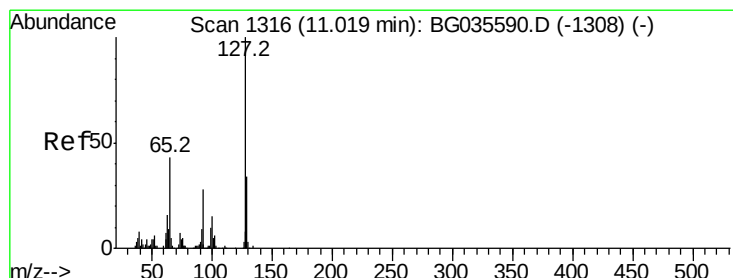
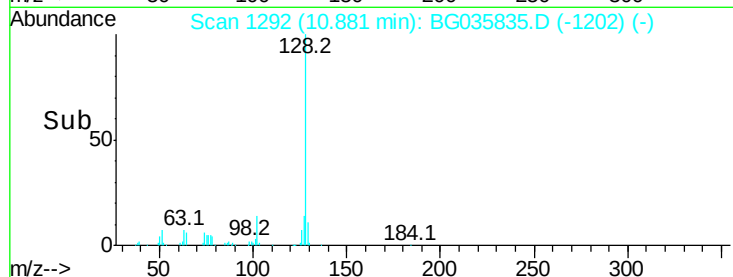
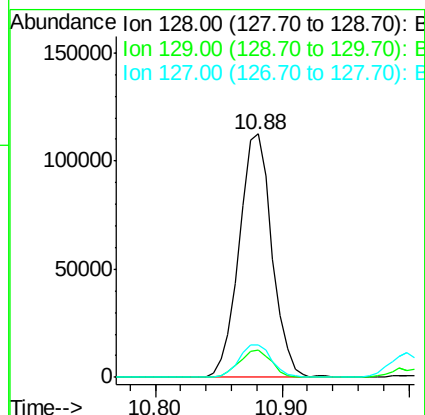
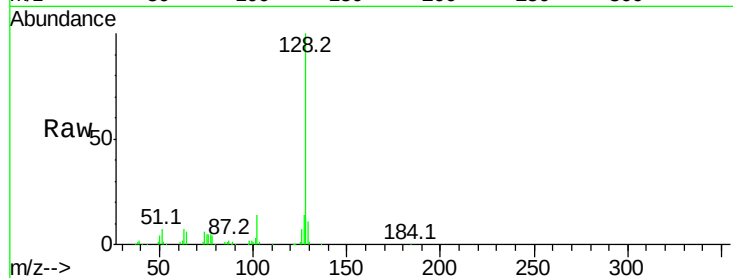
#31
Naphthalene
Concen: 31.799 ng
RT: 10.88 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BG035835.D
Acq: 23 Jul 2018 19:53

Instrument :
BNA_G
ClientSampleId :
IDOC HP-3

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	11.3	8.6	12.8
127	13.5	11.6	17.4

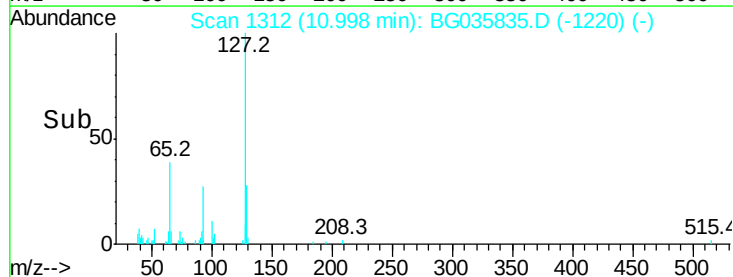
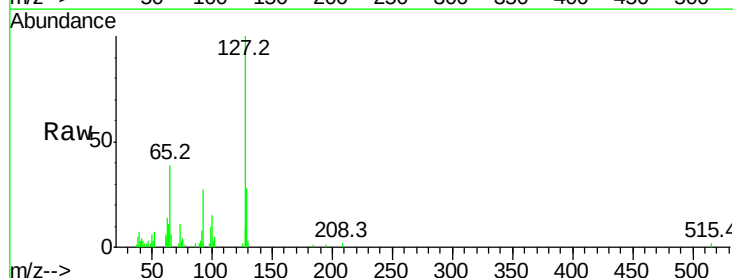
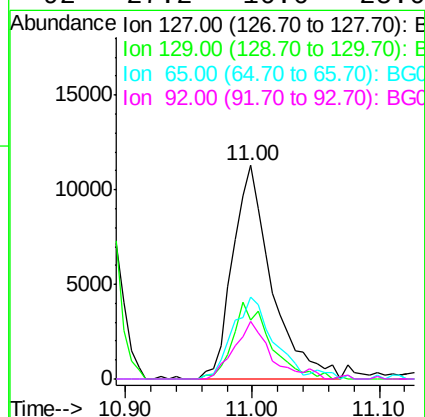
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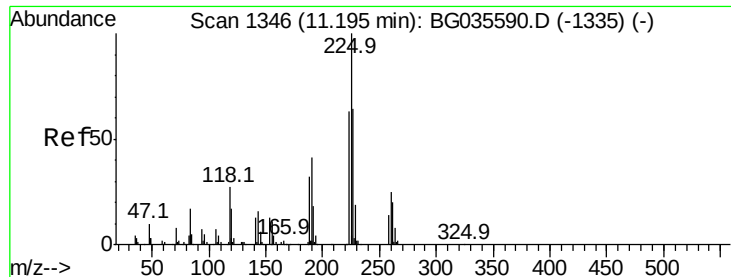
Sohil
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#33
4-Chloroaniline
Concen: 8.634 ng
RT: 11.00 min Scan# 1312
Delta R.T. 0.01 min
Lab File: BG035835.D
Acq: 23 Jul 2018 19:53

Tgt Ion	Ratio	Resp Lower	Upper
127	100		
129	27.5	24.0	36.0
65	38.5	27.0	40.4
92	27.2	16.6	25.0





#34

Hexachlorobutadiene

Concen: 33.436 ng

RT: 11.16 min Scan# 1340

Delta R.T. -0.00 min

Lab File: BG035835.D

Acq: 23 Jul 2018 19:53

Instrument :

BNA_G

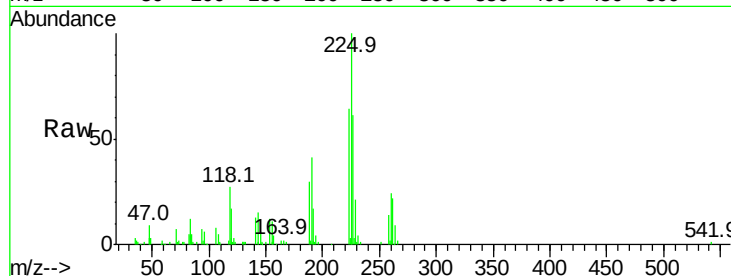
ClientSampled :

IDOC HP-3

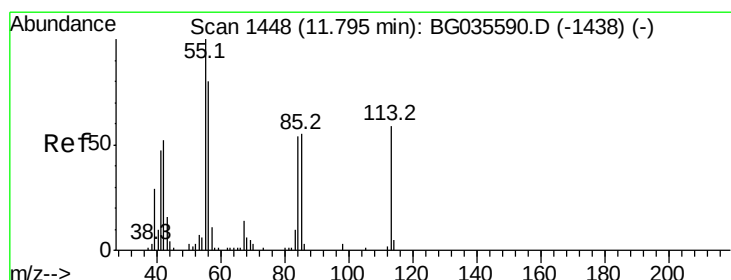
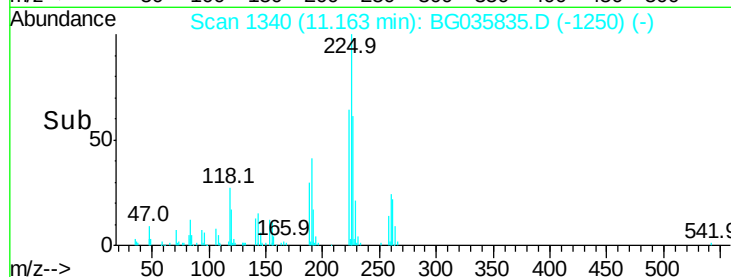
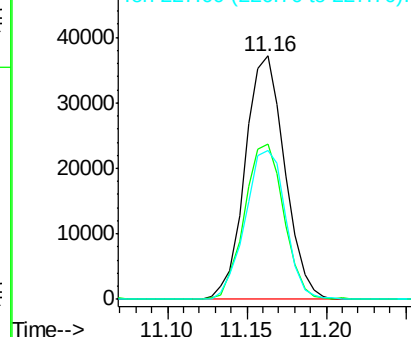
Tot Ion:	225	Resp:	64356
Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.7	74.5
227	61.1	48.1	72.1

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



#35

Caprolactam

Concen: 15.708 ng m

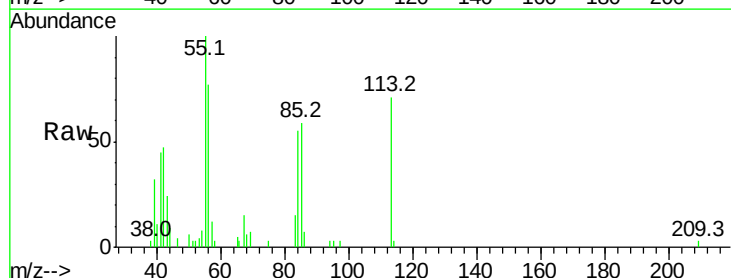
RT: 11.76 min Scan# 1441

Delta R.T. -0.01 min

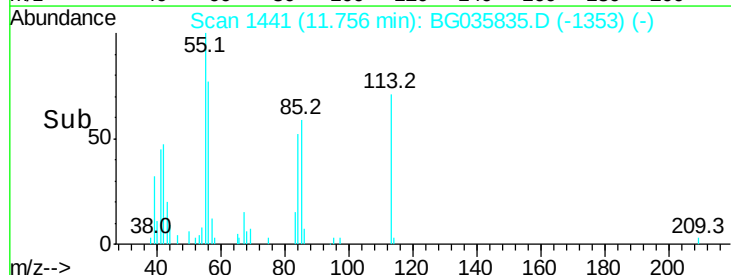
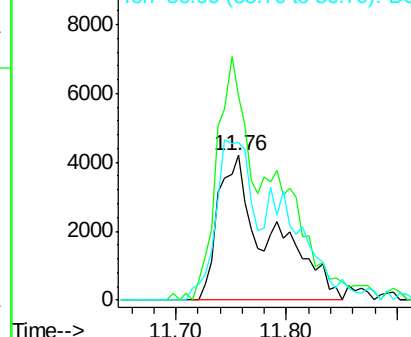
Lab File: BG035835.D

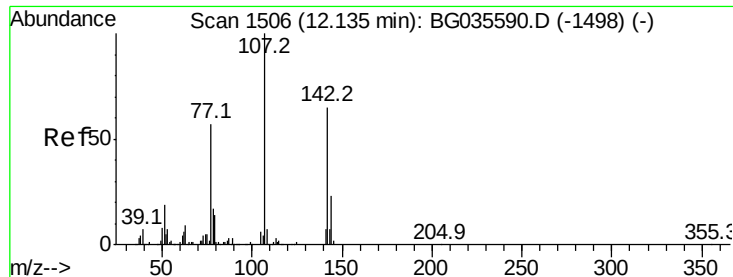
Acq: 23 Jul 2018 19:53

Tgt Ion:	113	Resp:	13569
Ion	Ratio	Lower	Upper
113	100		
55	140.6	186.9	226.9#
56	108.6	130.9	170.9#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BG
Ion 56.00 (55.70 to 56.70): BG





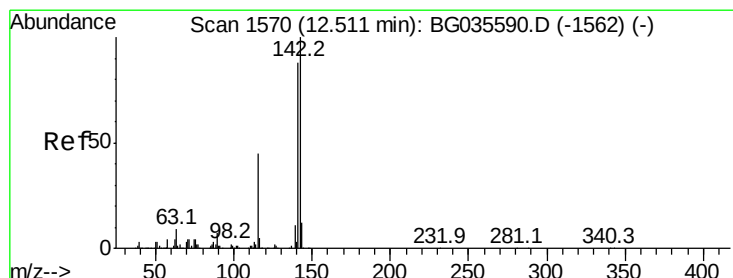
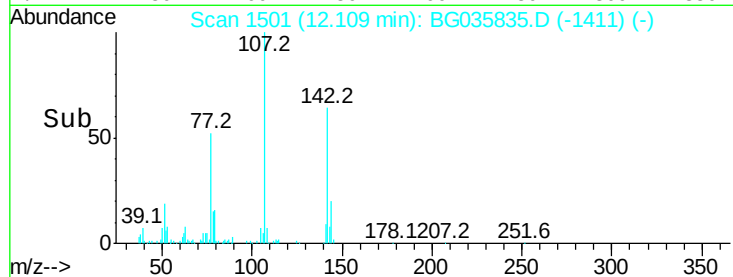
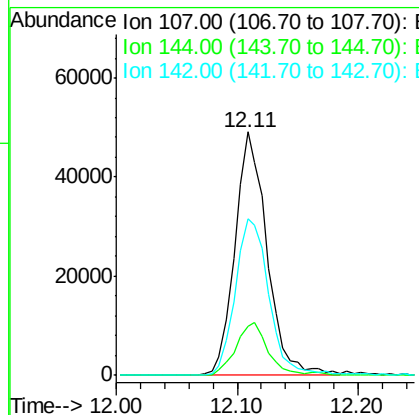
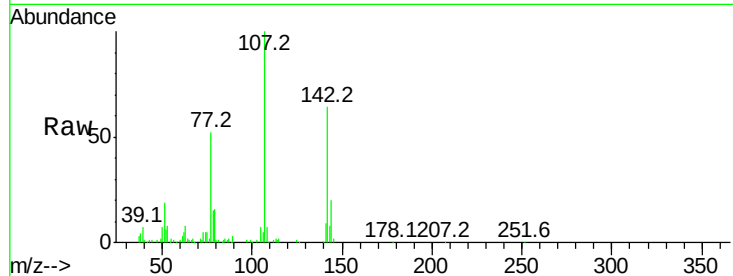
#36
 4-Chloro-3-methylphenol
 Concen: 33.593 ng
 RT: 12.11 min Scan# 1501
 Delta R.T. -0.00 min
 Lab File: BG035835.D
 Acq: 23 Jul 2018 19:53

Instrument :
 BNA_G
 ClientSampleId :
 IDOC HP-3

Tot Ion	Ratio	Lower	Upper
107	100		
144	20.0	18.2	27.4
142	64.3	59.0	88.4

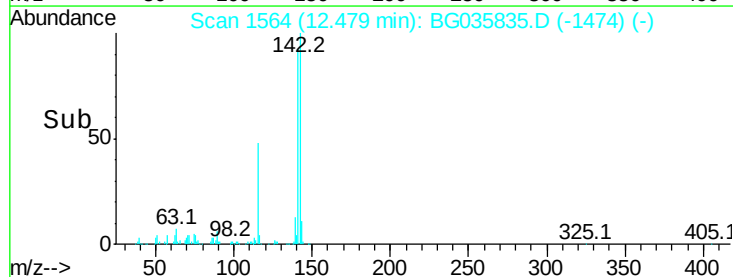
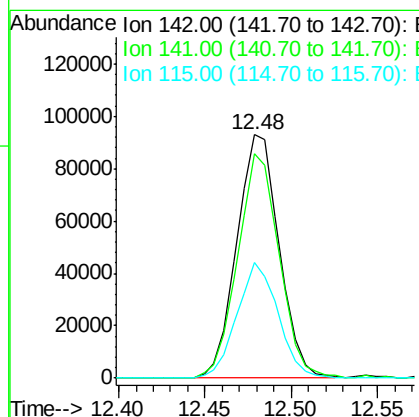
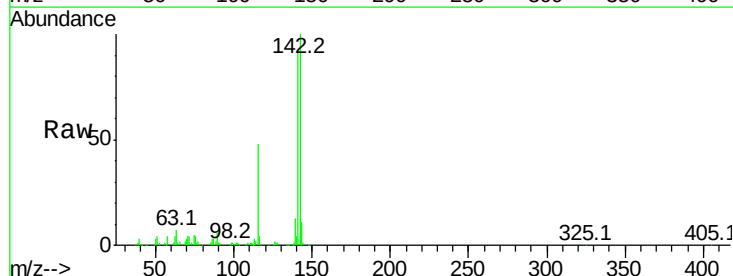
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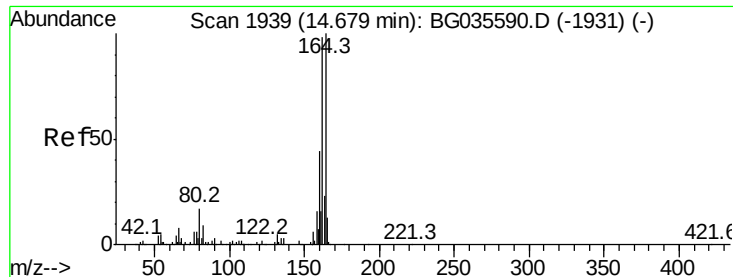
Sohil
 7/24/2018 3:05:53 PM



#37
 2-Methylnaphthalene
 Concen: 33.284 ng m
 RT: 12.48 min Scan# 1564
 Delta R.T. -0.00 min
 Lab File: BG035835.D
 Acq: 23 Jul 2018 19:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	67.1	100.7
115	47.7	30.7	46.1#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BG035835.D

Acq: 23 Jul 2018 19:53

Instrument :

BNA_G

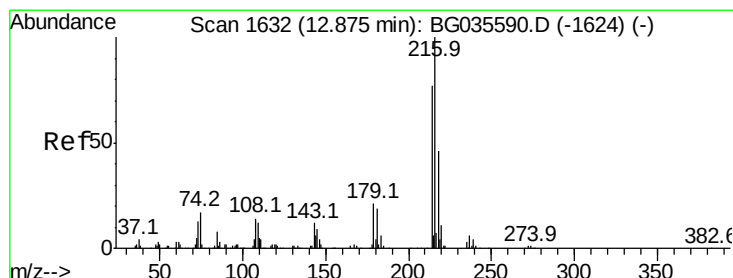
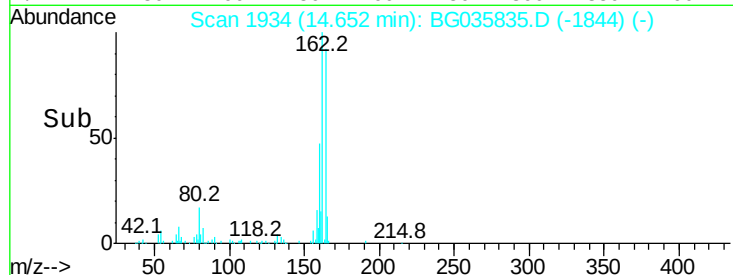
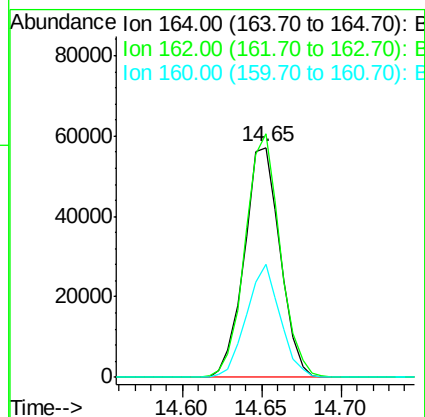
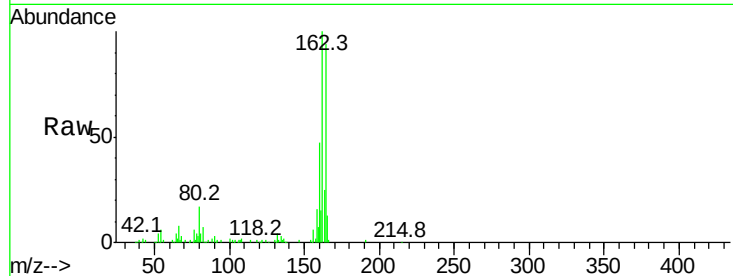
ClientSampled :

IDOC HP-3

Tot Ion:	164	Resp:	89595
Ion Ratio	Lower	Upper	
164	100		
162	105.9	78.8	118.2
160	49.3	35.4	53.0

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#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.086 ng

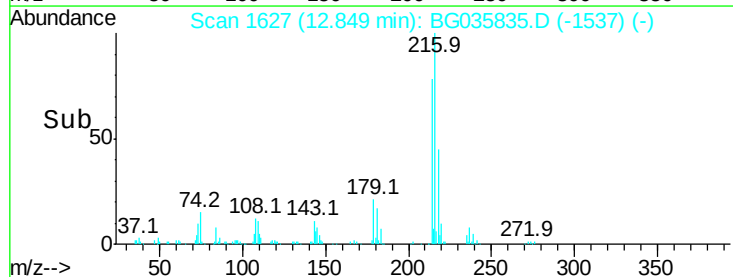
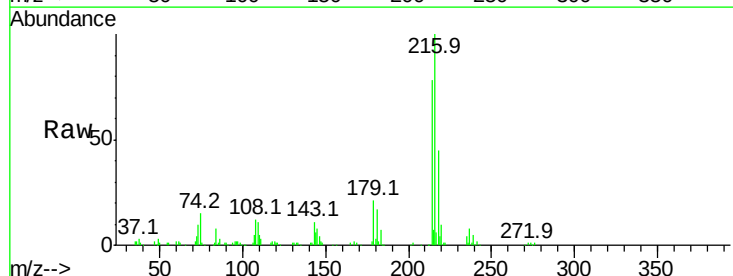
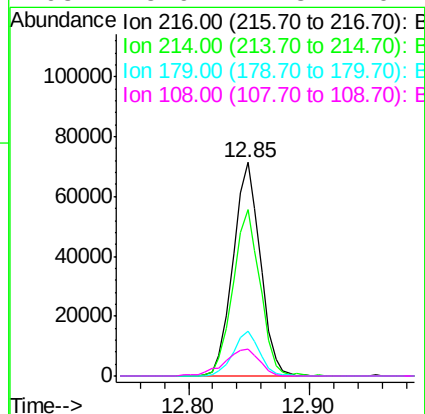
RT: 12.85 min Scan# 1627

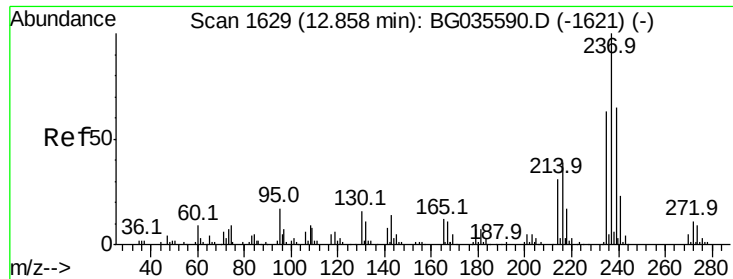
Delta R.T. -0.00 min

Lab File: BG035835.D

Acq: 23 Jul 2018 19:53

Tgt Ion:	216	Resp:	111883
Ion Ratio	Lower	Upper	
216	100		
214	77.9	63.0	94.4
179	20.1	17.0	25.6
108	15.9	12.8	19.2





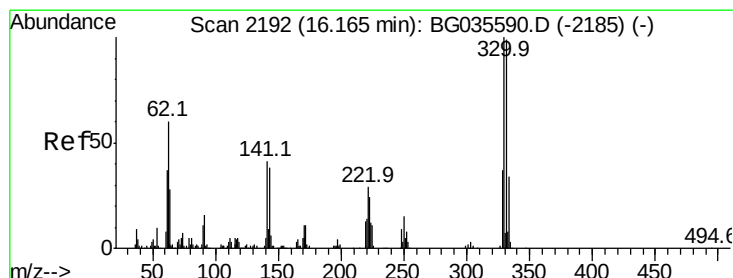
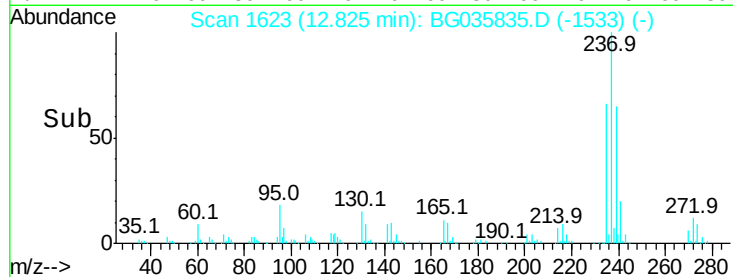
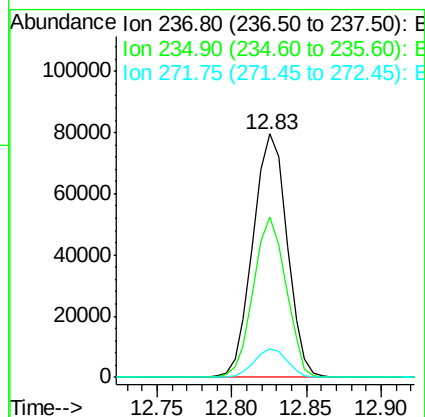
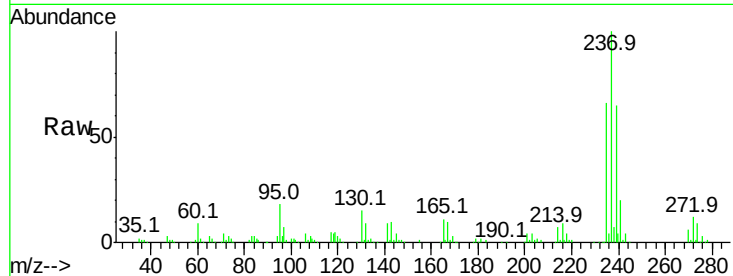
#40
Hexachlorocyclopentadiene
Concen: 71.049 ng
RT: 12.83 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BG035835.D
Acq: 23 Jul 2018 19:53

Instrument :
BNA_G
ClientSampled :
IDOC HP-3

Tot Ion	Ratio	Resp	Lower	Upper
237	100	126003		
235	65.7	50.4	90.4	
272	11.8	0.0	31.8	

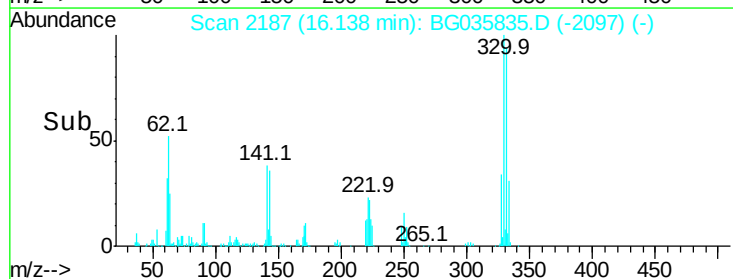
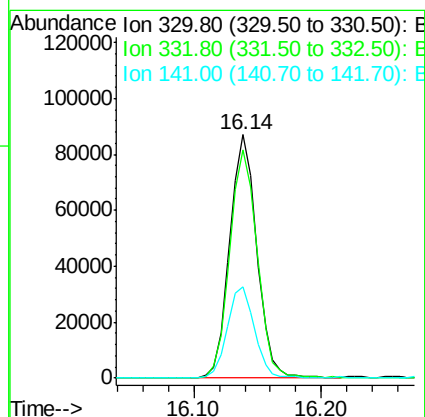
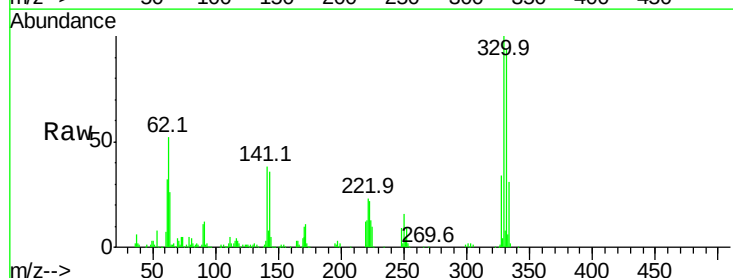
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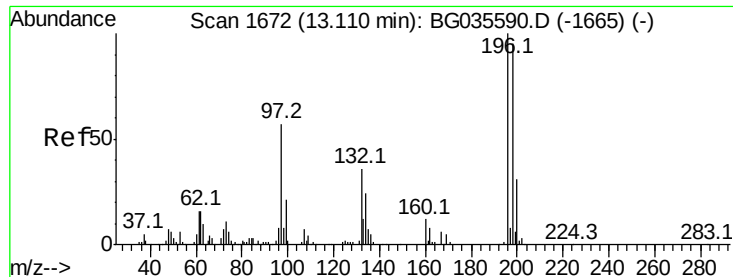
Sohil
7/24/2018 3:05:53 PM



#41
2,4,6-Tribromophenol
Concen: 108.753 ng
RT: 16.14 min Scan# 2187
Delta R.T. -0.00 min
Lab File: BG035835.D
Acq: 23 Jul 2018 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	128429		
332	95.4	77.0	115.6	
141	37.6	25.2	37.8	





#42

2,4,6-Trichlorophenol

Concen: 33.684 ng

RT: 13.09 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BG035835.D

Acq: 23 Jul 2018 19:53

Instrument :

BNA_G

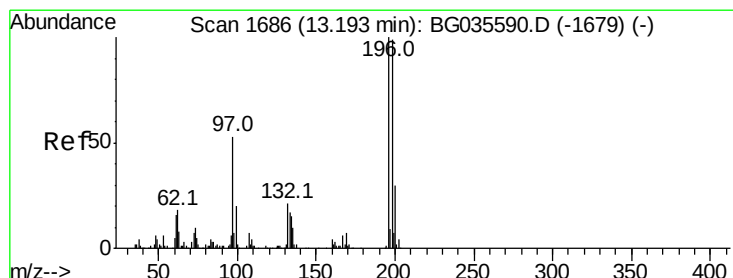
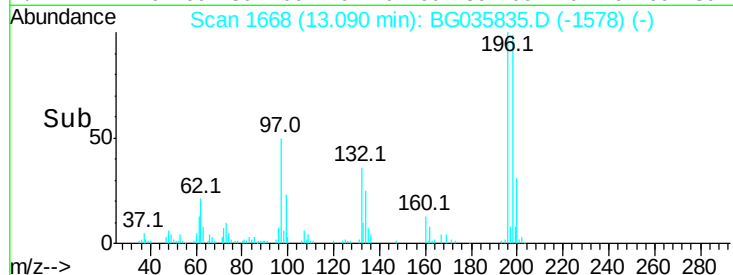
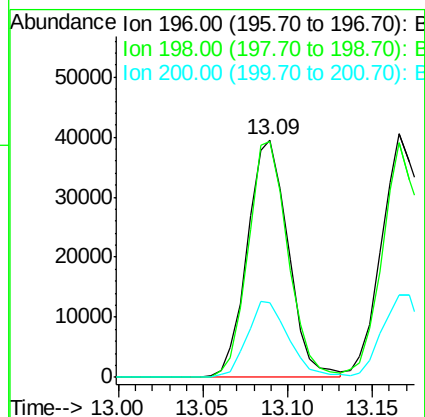
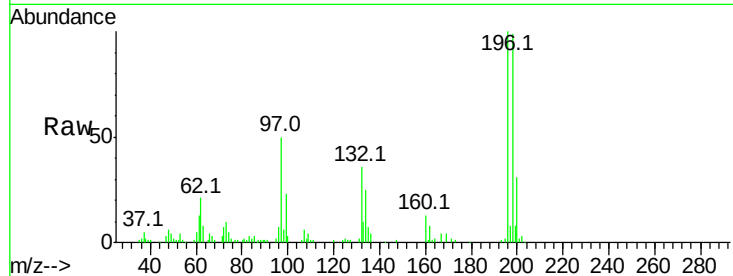
ClientSampled :

IDOC HP-3

Tot Ion:196	Resp:	66614
Ion Ratio	Lower	Upper
196	100	
198	99.0	78.2 117.2
200	31.2	24.6 36.8

Manual Integrations
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#43

2,4,5-Trichlorophenol

Concen: 34.528 ng

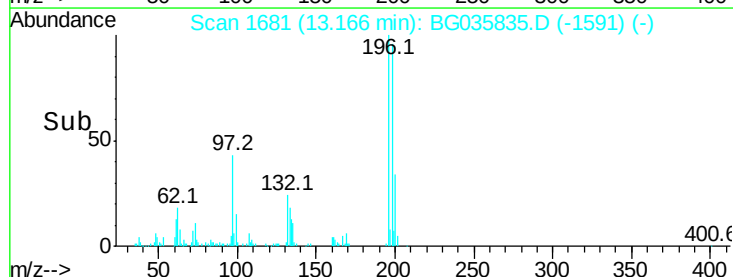
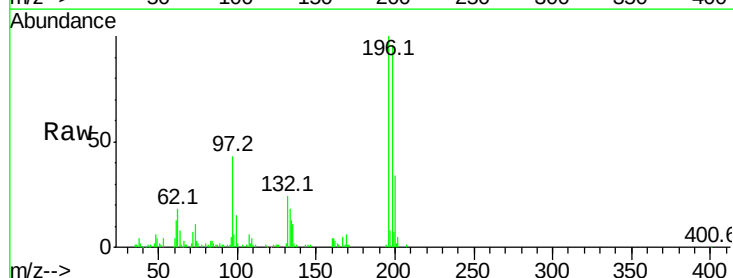
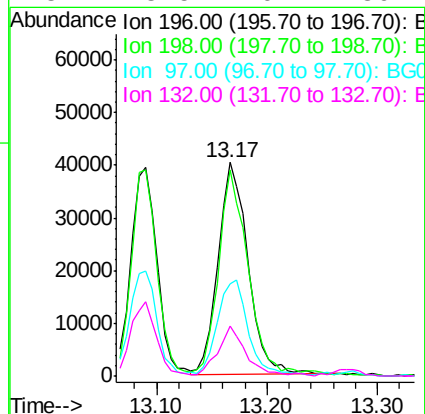
RT: 13.17 min Scan# 1681

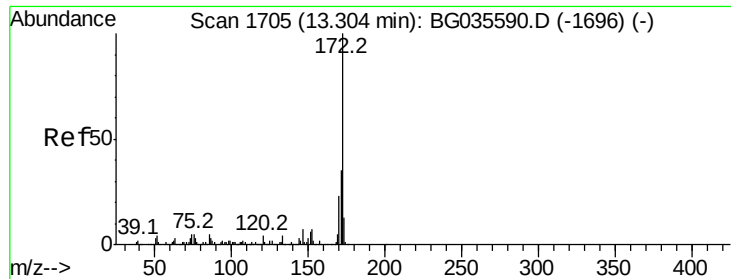
Delta R.T. -0.00 min

Lab File: BG035835.D

Acq: 23 Jul 2018 19:53

Tgt Ion:196	Resp:	76387
Ion Ratio	Lower	Upper
196	100	
198	96.4	76.2 114.4
97	43.3	38.7 58.1
132	23.5	20.2 30.2





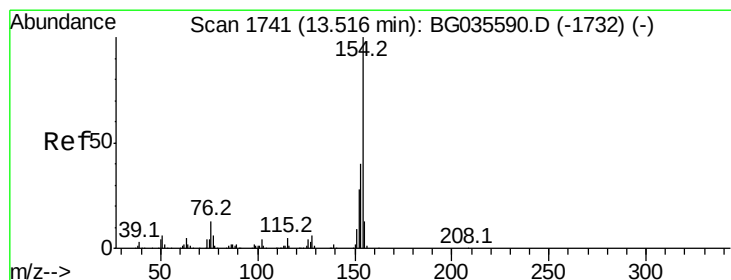
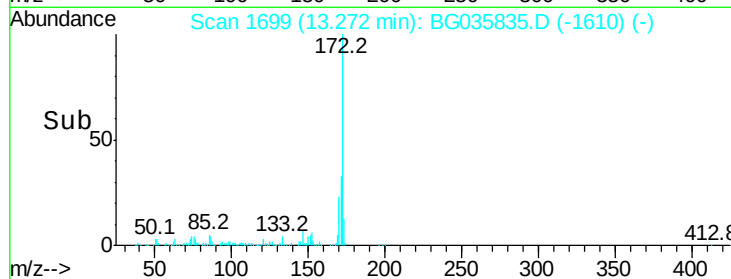
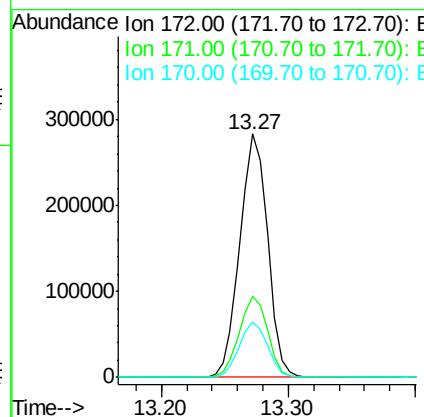
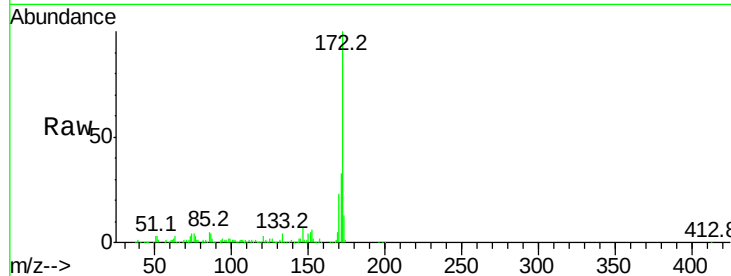
#44
2-Fluorobiphenyl
Concen: 64.237 ng
RT: 13.27 min Scan# 1699
Delta R.T. -0.01 min
Lab File: BG035835.D
Acq: 23 Jul 2018 19:53

Instrument :
BNA_G
ClientSampleId :
IDOC HP-3

Tot Ion	Ratio	Resp	Lower	Upper
172	100	429584		
171	33.4		30.0	45.0
170	22.9		19.5	29.3

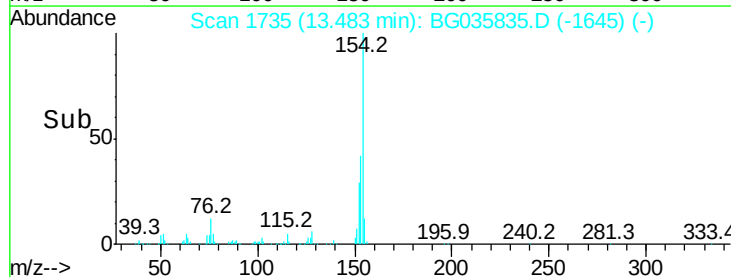
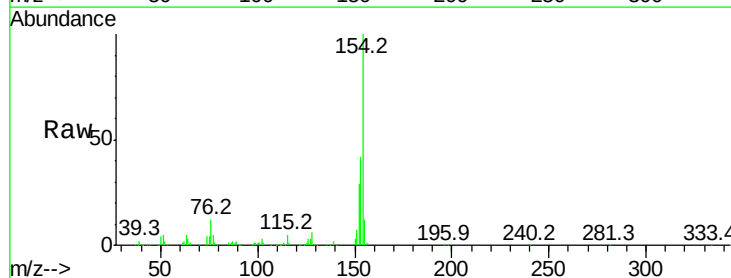
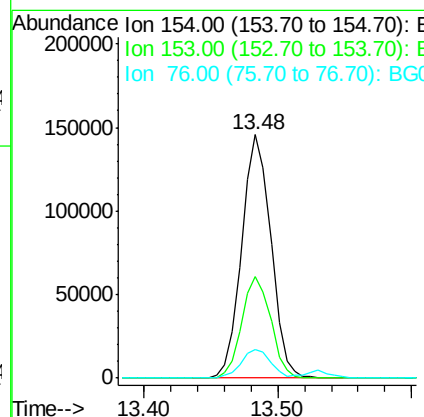
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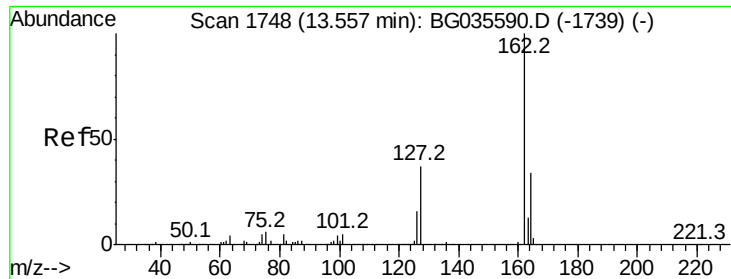
Sohil
7/24/2018 3:05:53 PM



#45
1,1'-Biphenyl
Concen: 31.720 ng
RT: 13.48 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG035835.D
Acq: 23 Jul 2018 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	220338		
153	41.9		19.8	59.8
76	11.7		0.0	31.9





#46

2-Chloronaphthalene

Concen: 31.772 ng

RT: 13.53 min Scan# 1743

Delta R.T. -0.00 min

Lab File: BG035835.D

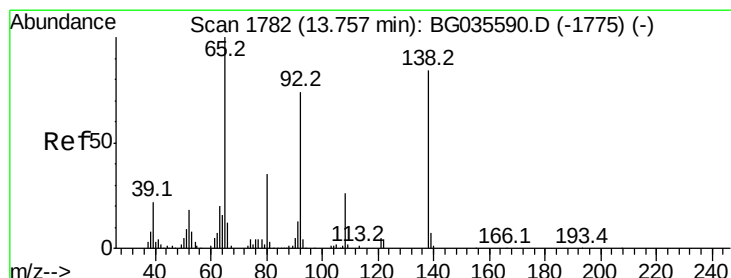
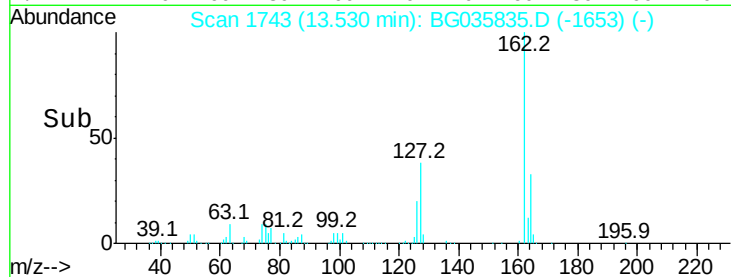
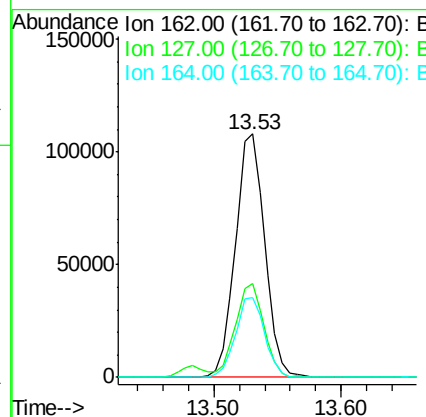
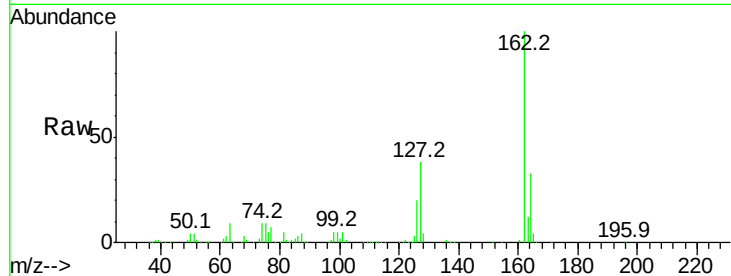
Acq: 23 Jul 2018 19:53

Instrument :
BNA_G
ClientSampled :
IDOC HP-3

Tot Ion	Ratio	Resp	Lower	Upper
162	100	171667		
127	38.4	30.7	46.1	
164	33.0	26.0	39.0	

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#47

2-Nitroaniline

Concen: 30.784 ng

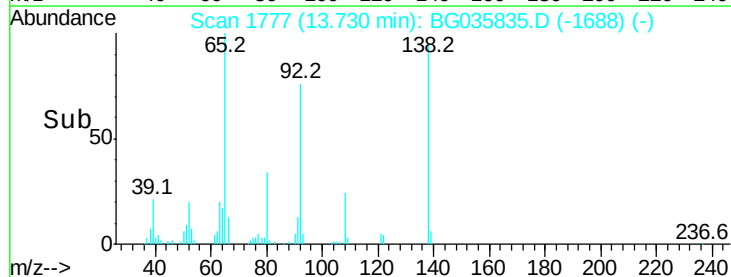
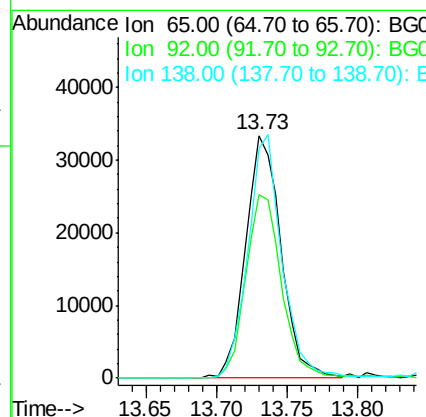
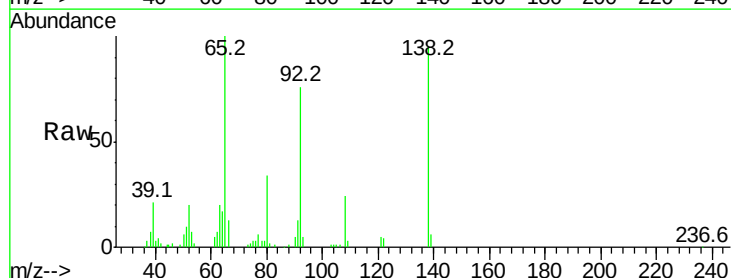
RT: 13.73 min Scan# 1777

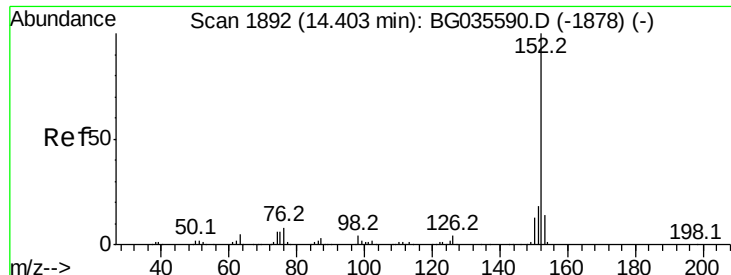
Delta R.T. -0.01 min

Lab File: BG035835.D

Acq: 23 Jul 2018 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	58803		
92	75.7	54.6	82.0	
138	94.8	72.9	109.3	





#48

Acenaphthylene

Concen: 31.795 ng

RT: 14.37 min Scan# 1886

Delta R.T. -0.01 min

Lab File: BG035835.D

Acq: 23 Jul 2018 19:53

Instrument :

BNA_G

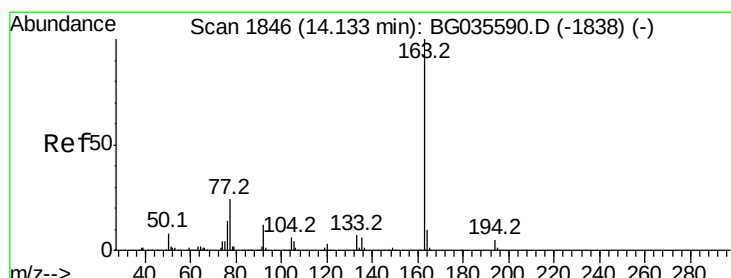
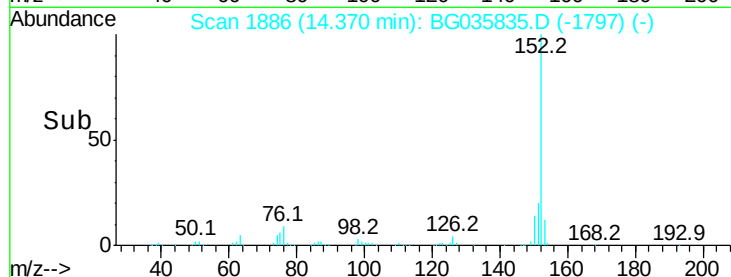
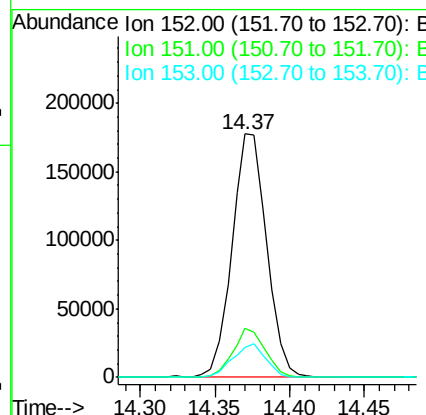
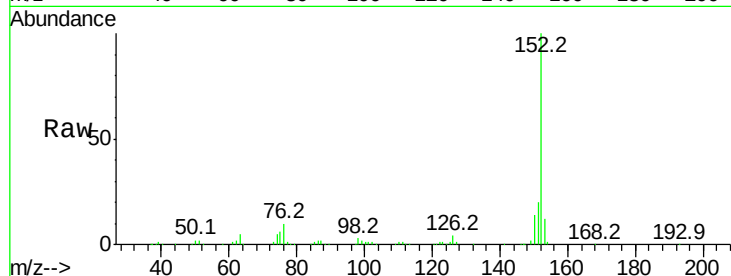
ClientSampleId :

IDOC HP-3

Tot Ion	Ratio	Resp	Lower	Upper
152	100	287766		
151	20.0		17.2	25.8
153	12.5		10.2	15.4

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#49

Dimethylphthalate

Concen: 36.458 ng

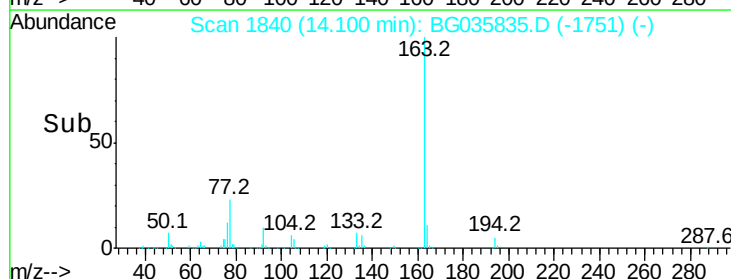
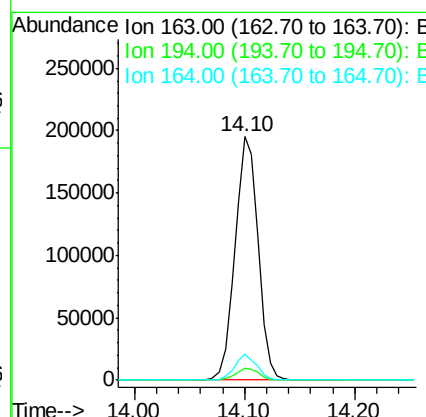
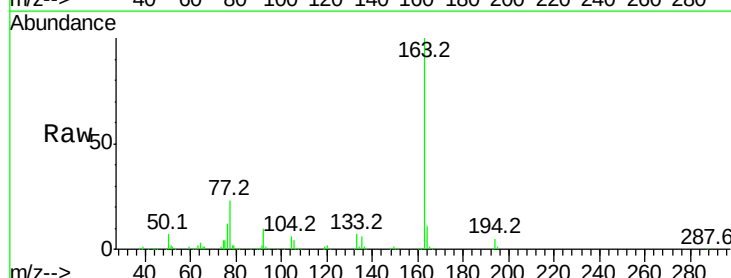
RT: 14.10 min Scan# 1840

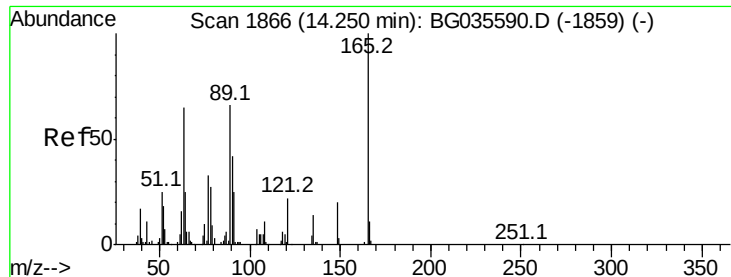
Delta R.T. -0.01 min

Lab File: BG035835.D

Acq: 23 Jul 2018 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	286192		
194	5.2		3.4	5.2
164	10.9		8.2	12.4





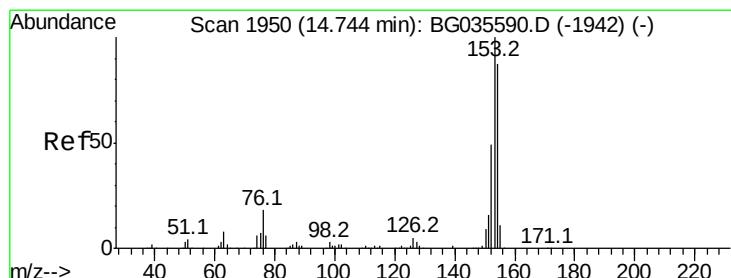
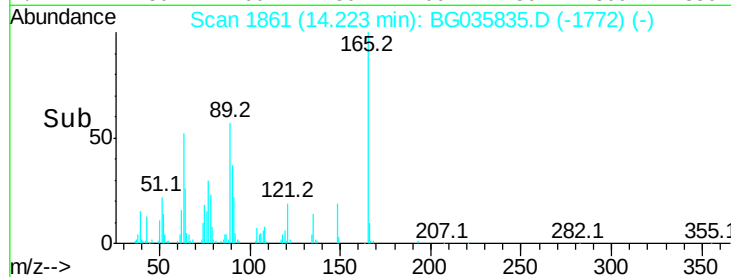
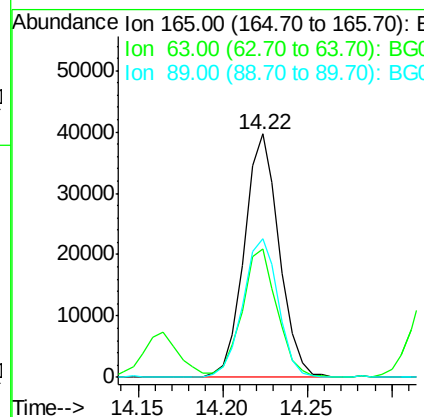
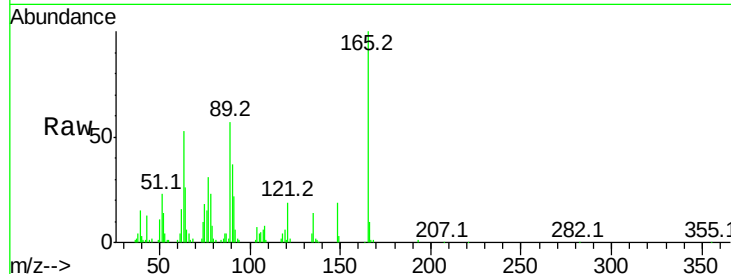
#50
2,6-Dinitrotoluene
Concen: 35.607 ng
RT: 14.22 min Scan# 1861
Delta R.T. -0.01 min
Lab File: BG035835.D
Acq: 23 Jul 2018 19:53

Instrument :
BNA_G
ClientSampled :
IDOC HP-3

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	52.8	52.7	79.1	
89	56.8	49.2	73.8	

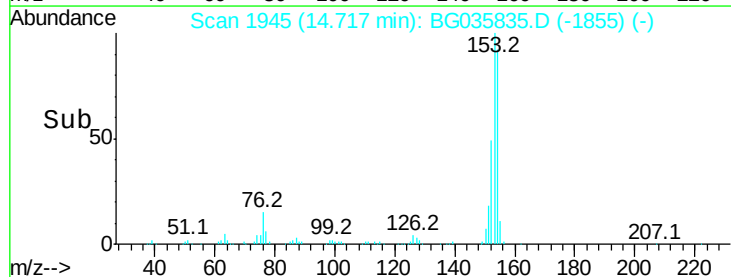
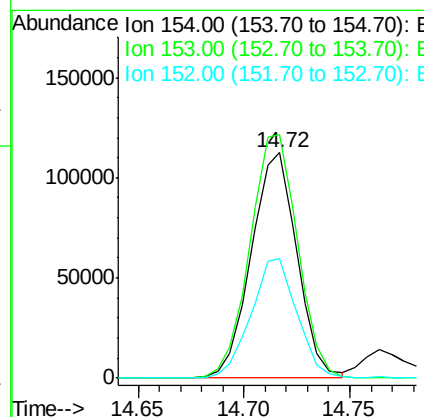
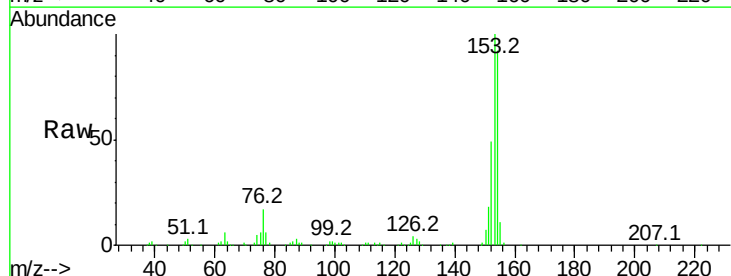
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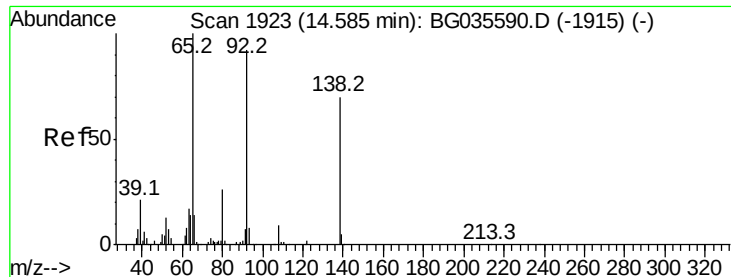
Sohil
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#51
Acenaphthene
Concen: 30.062 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG035835.D
Acq: 23 Jul 2018 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	108.2	90.4	135.6	
152	53.3	41.6	62.4	





#52

3-Nitroaniline

Concen: 22.965 ng

RT: 14.56 min Scan# 1918

Delta R.T. -0.00 min

Lab File: BG035835.D

Acq: 23 Jul 2018 19:53

Instrument :

BNA_G

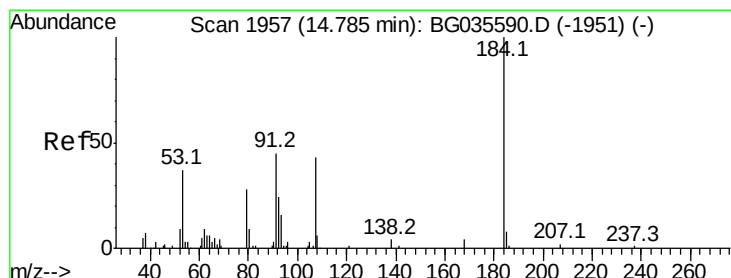
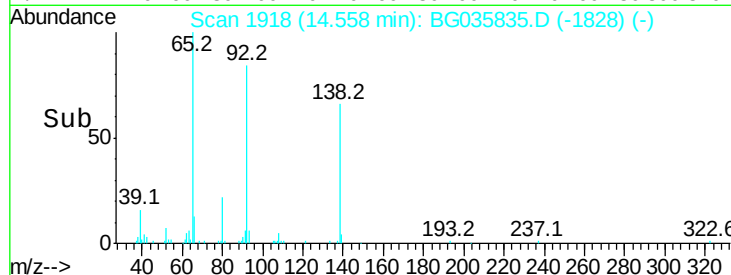
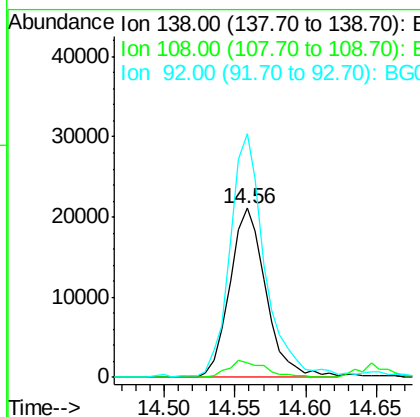
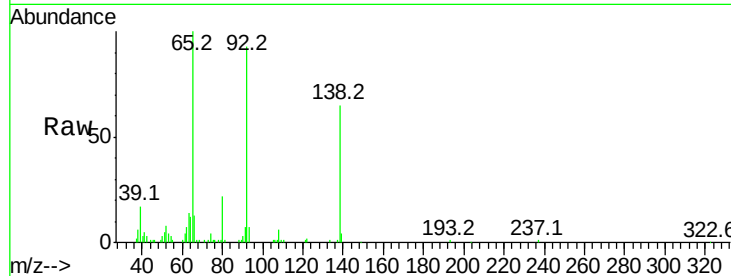
ClientSampleId :

IDOC HP-3

Tot Ion	Ratio	Lower	Upper
138	100		
108	8.8	17.5	26.3#
92	143.8	105.8	158.8

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#53

2,4-Dinitrophenol

Concen: 47.826 ng

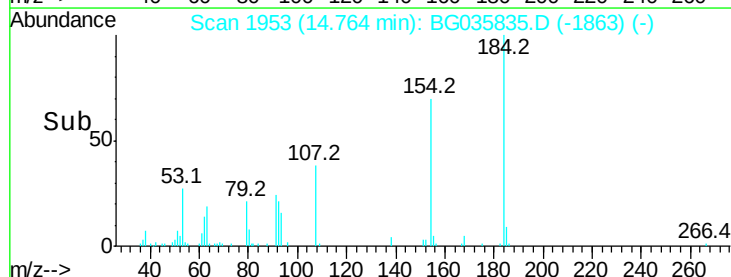
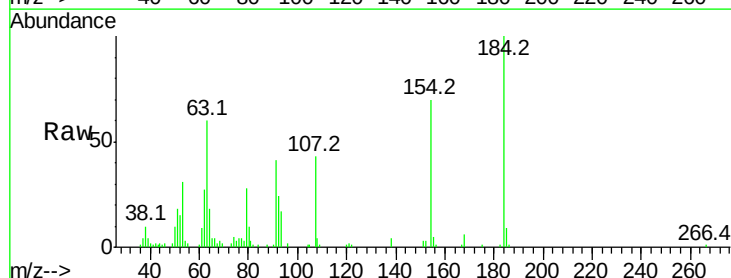
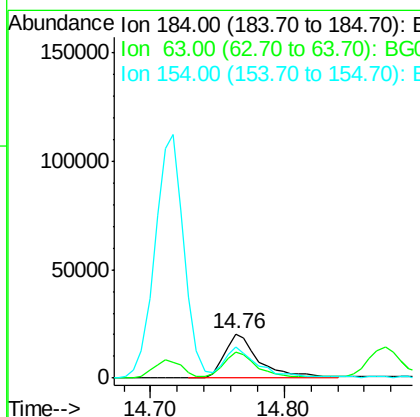
RT: 14.76 min Scan# 1953

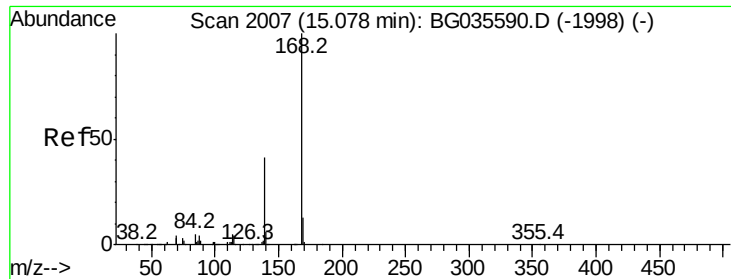
Delta R.T. -0.00 min

Lab File: BG035835.D

Acq: 23 Jul 2018 19:53

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.7	59.8	89.8#
154	69.7	101.8	152.8#





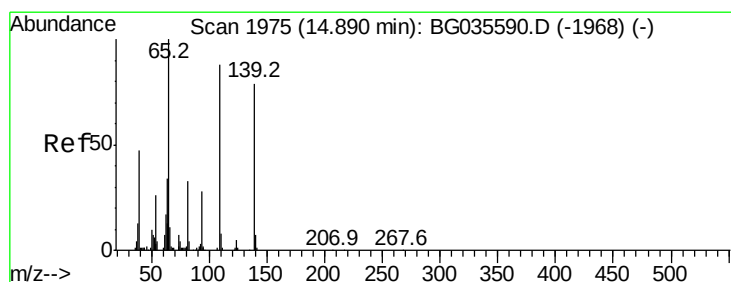
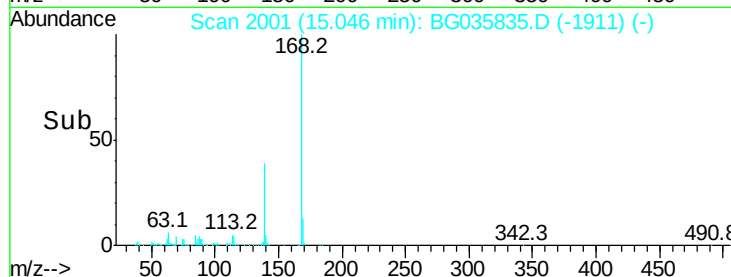
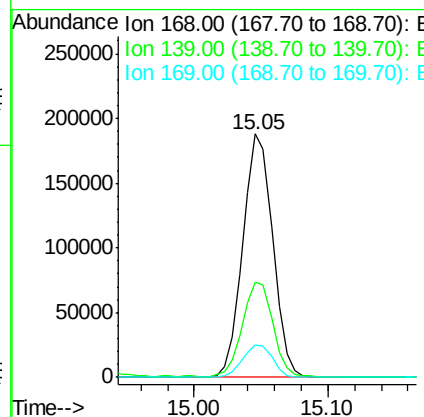
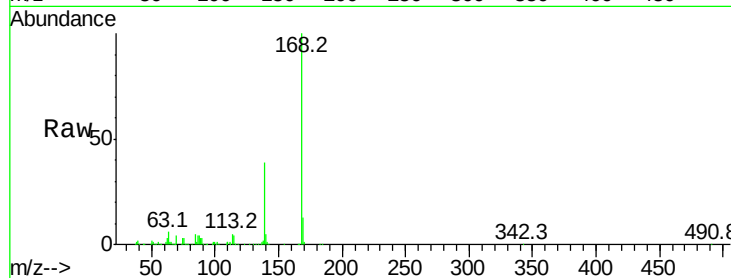
#54
Dibenzenofuran
Concen: 32.414 ng
RT: 15.05 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BG035835.D
Acq: 23 Jul 2018 19:53

Instrument :
BNA_G
ClientSampled :
IDOC HP-3

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.1	28.6	43.0
169	13.5	11.2	16.8

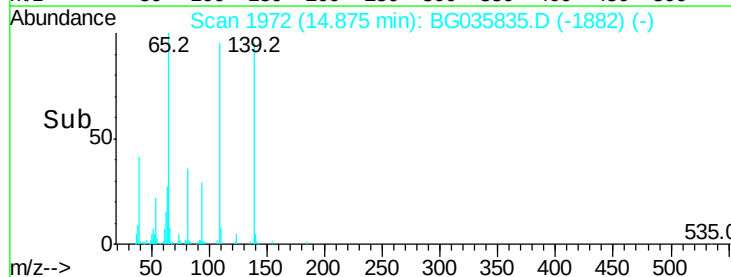
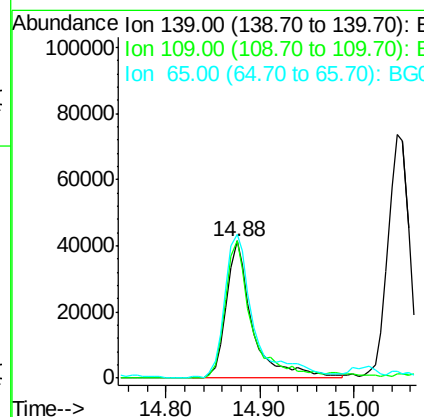
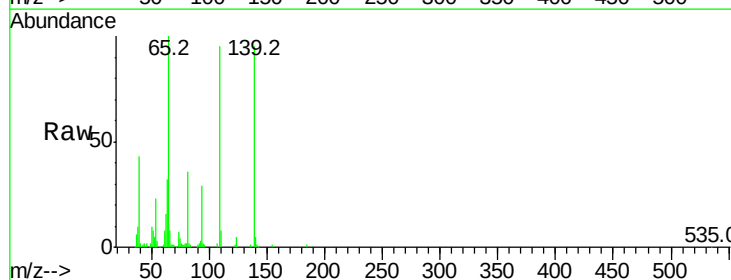
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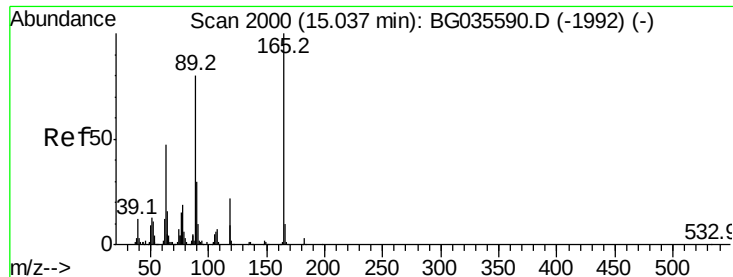
Sohil
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#55
4-Nitrophenol
Concen: 69.195 ng
RT: 14.88 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG035835.D
Acq: 23 Jul 2018 19:53

Tgt Ion	Ratio	Lower	Upper
139	100		
109	100.2	62.2	102.2
65	105.2	97.2	137.2





#56

2,4-Dinitrotoluene

Concen: 36.021 ng

RT: 15.01 min Scan# 1995

Delta R.T. -0.00 min

Lab File: BG035835.D

Acq: 23 Jul 2018 19:53

Instrument :

BNA_G

ClientSampleId :

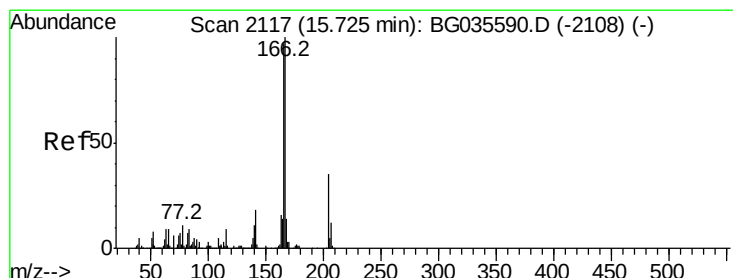
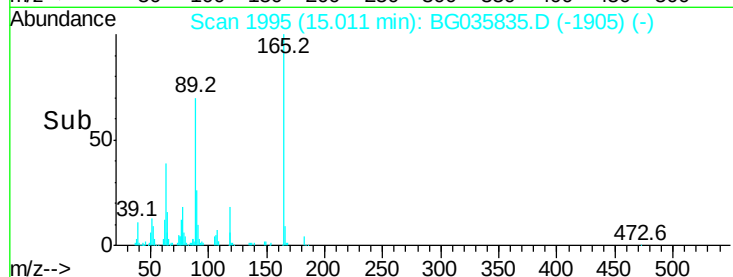
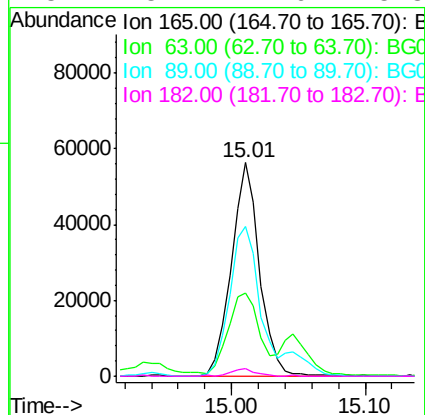
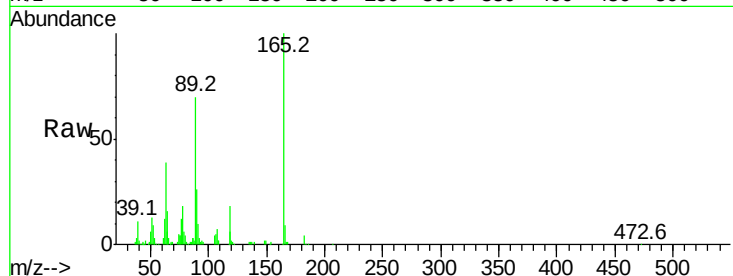
IDOC HP-3

Tot Ion:	165	Resp:	82607
Ion Ratio	Lower	Upper	
165	100		
63	38.9	42.0	63.0#
89	70.1	66.9	100.3
182	3.7	2.6	3.8

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#57

Fluorene

Concen: 32.252 ng

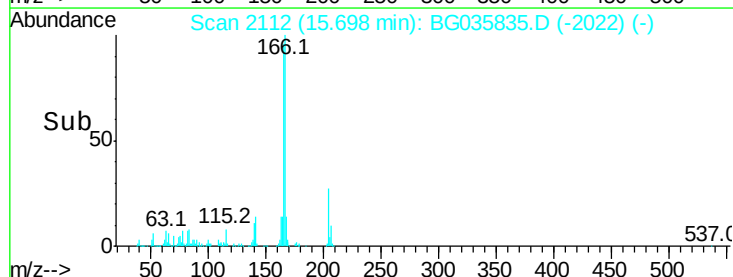
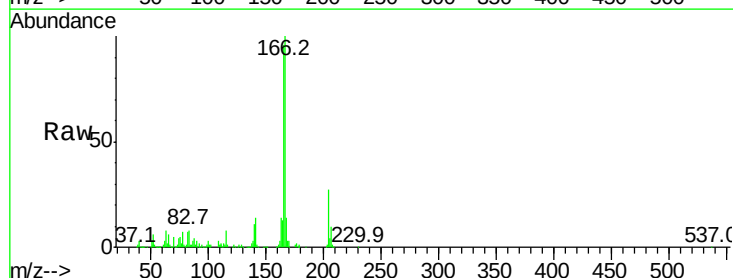
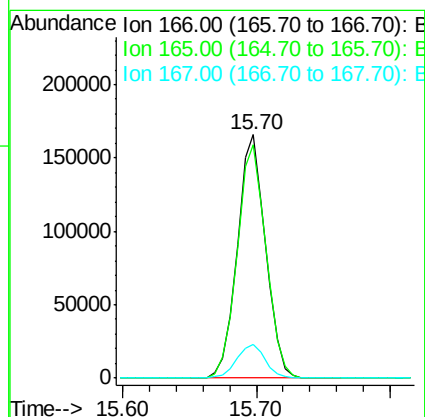
RT: 15.70 min Scan# 2112

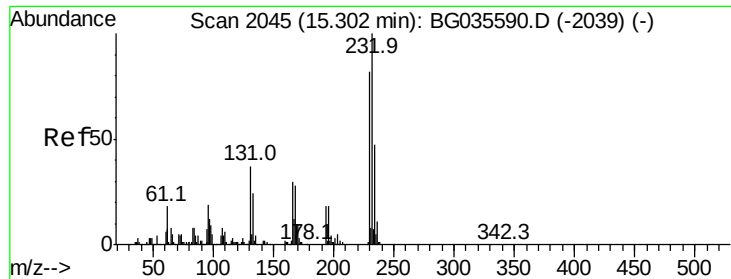
Delta R.T. -0.00 min

Lab File: BG035835.D

Acq: 23 Jul 2018 19:53

Tgt Ion:	166	Resp:	242387
Ion Ratio	Lower	Upper	
166	100		
165	95.6	80.6	121.0
167	13.9	10.4	15.6





#58

2,3,4,6-Tetrachlorophenol

Concen: 34.279 ng

RT: 15.27 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BG035835.D

Acq: 23 Jul 2018 19:53

Instrument :

BNA_G

ClientSampleId :

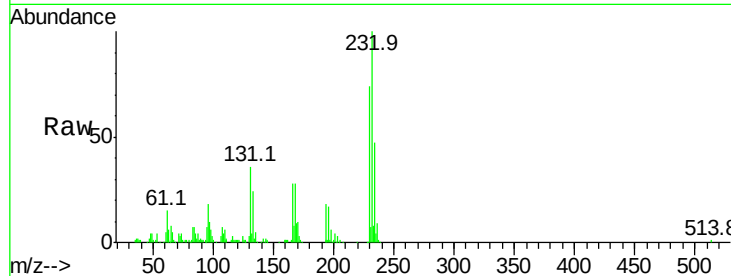
IDOC HP-3

Tot Ion:	232	Resp:	72712
Ion Ratio	Lower	Upper	
232	100		
131	37.9	33.5	50.3
130	2.5	2.2	3.2
166	29.3	24.8	37.2

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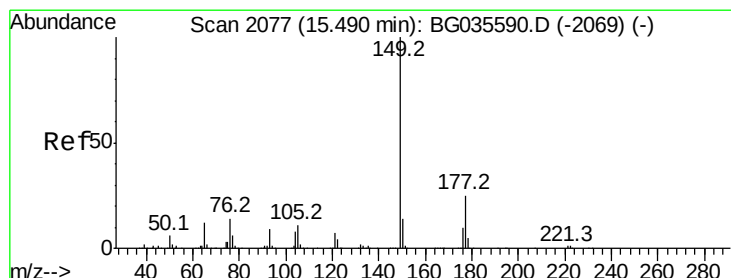
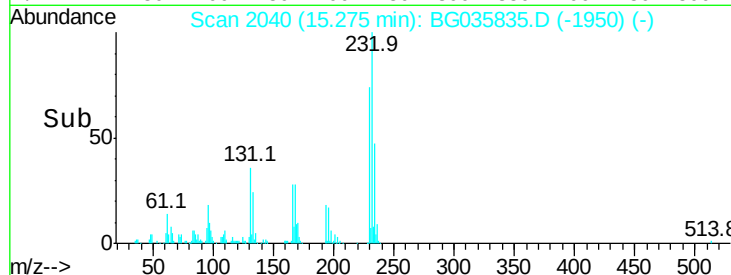
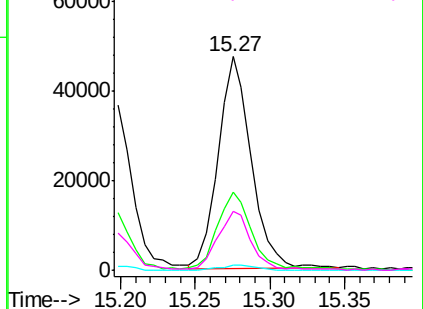


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59

Diethylphthalate

Concen: 30.619 ng

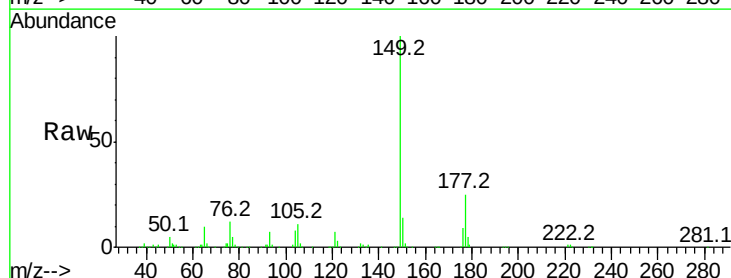
RT: 15.46 min Scan# 2072

Delta R.T. -0.00 min

Lab File: BG035835.D

Acq: 23 Jul 2018 19:53

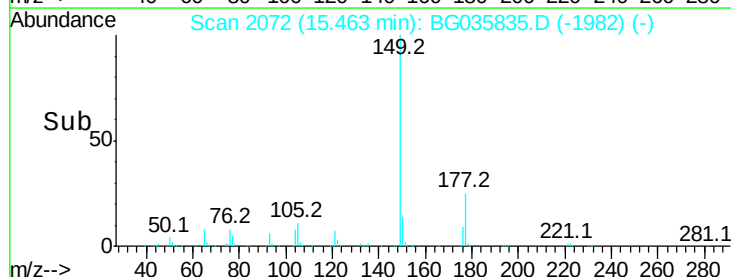
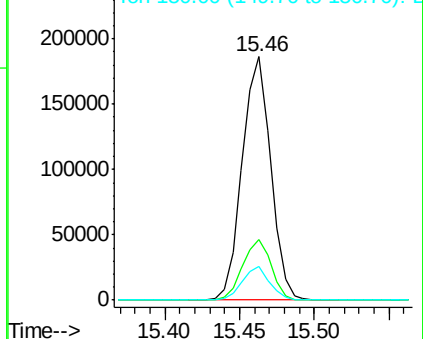
Tgt Ion:	149	Resp:	247149
Ion Ratio	Lower	Upper	
149	100		
177	24.8	18.5	27.7
150	13.7	10.2	15.2

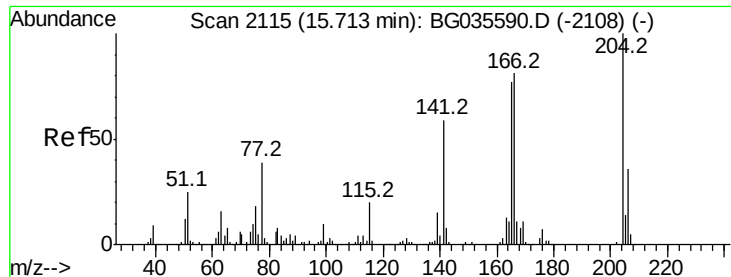


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





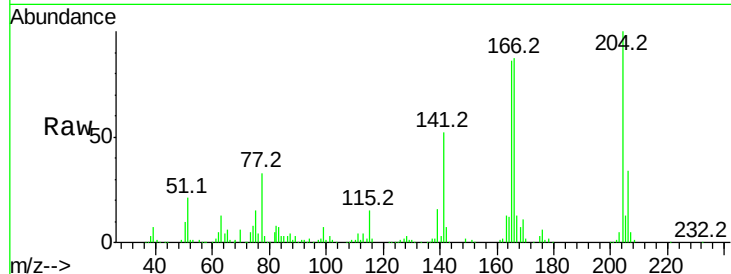
#60
4-Chlorophenyl-phenylether
Concen: 31.267 ng
RT: 15.69 min Scan# 2110
Delta R.T. -0.00 min
Lab File: BG035835.D
Acq: 23 Jul 2018 19:53

Instrument :
BNA_G
ClientSampled :
IDOC HP-3

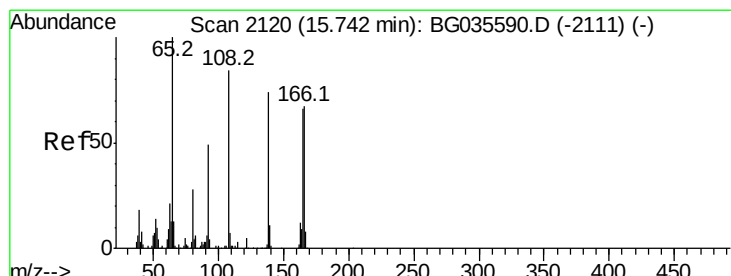
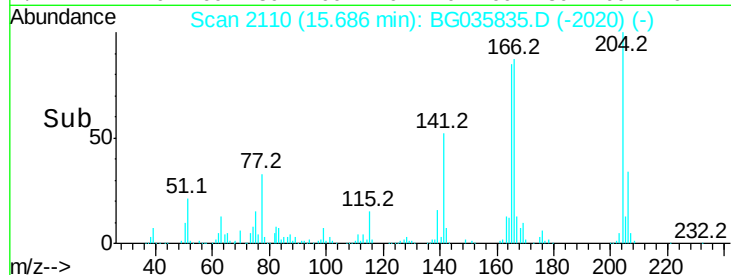
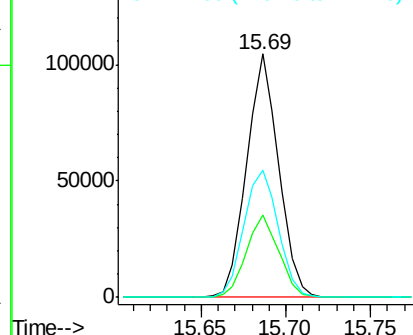
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.0	26.2	39.2
141	52.3	45.8	68.6

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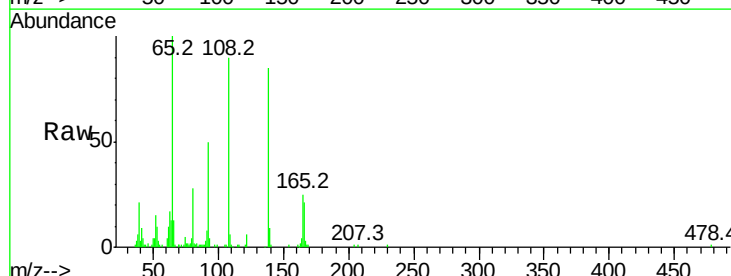


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

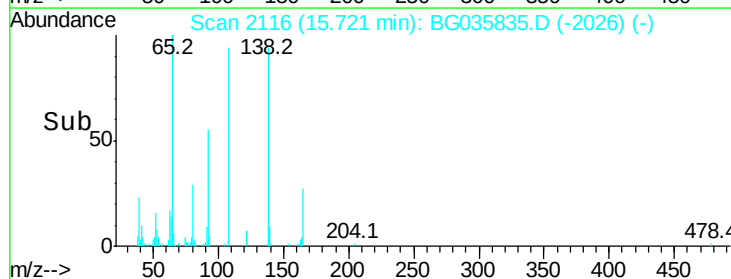
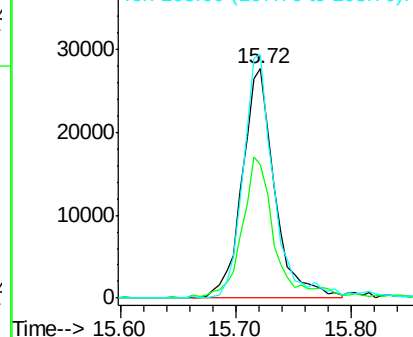


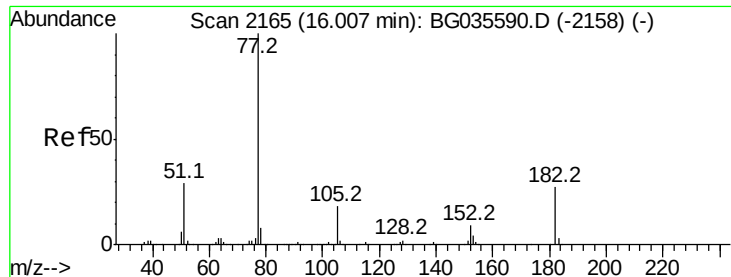
#61
4-Nitroaniline
Concen: 31.610 ng
RT: 15.72 min Scan# 2116
Delta R.T. -0.00 min
Lab File: BG035835.D
Acq: 23 Jul 2018 19:53

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.5	40.1	80.1
108	106.3	65.4	105.4#



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: 31.044 ng

RT: 15.98 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG035835.D

Acq: 23 Jul 2018 19:53

Instrument :

BNA_G

ClientSampled :

IDOC HP-3

Tot Ion: 77 Resp: 247163

Ion Ratio Lower Upper

77 100

182 27.0 7.4 47.4

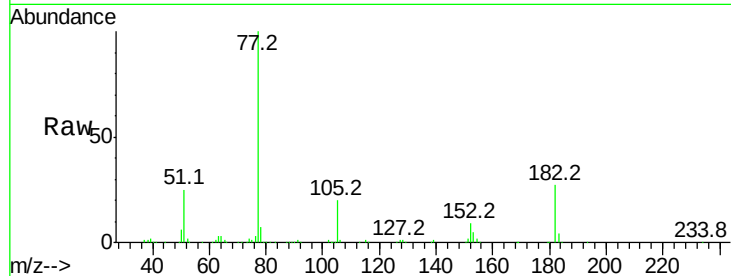
105 20.0 0.3 40.3

51 25.4 11.6 51.6

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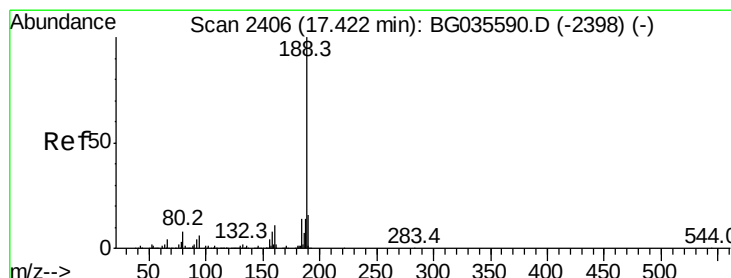
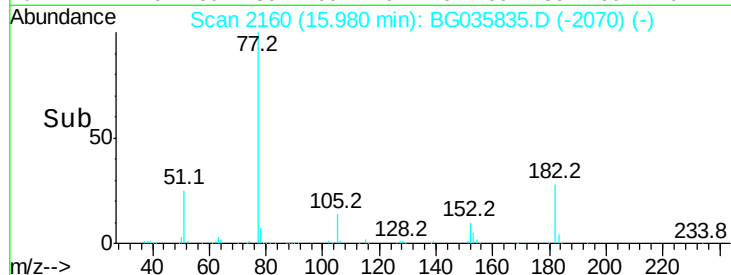
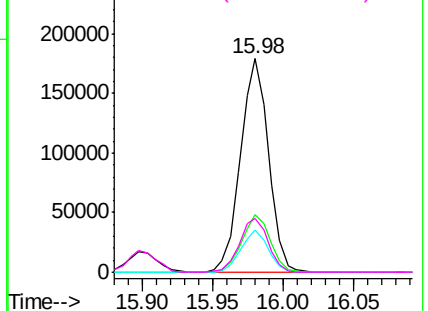


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG035835.D

Acq: 23 Jul 2018 19:53

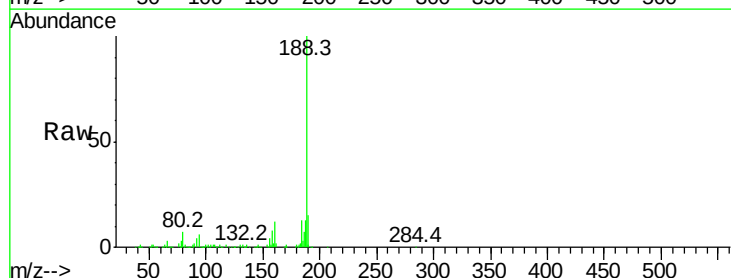
Tgt Ion: 188 Resp: 247962

Ion Ratio Lower Upper

188 100

94 6.4 6.9 10.3#

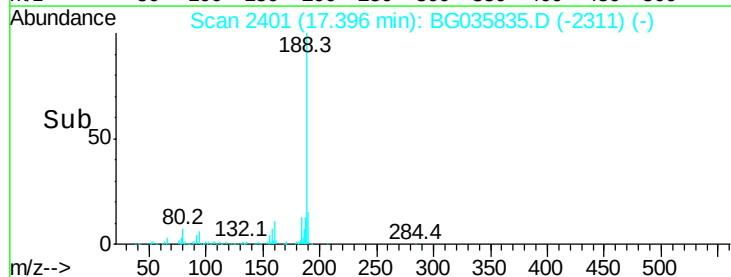
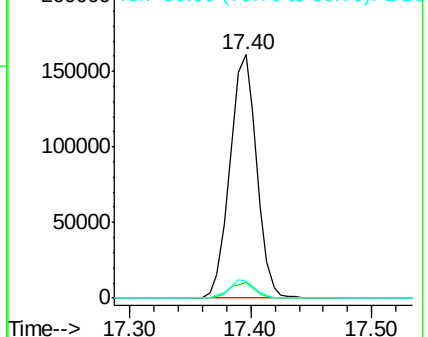
80 7.1 7.7 11.5#

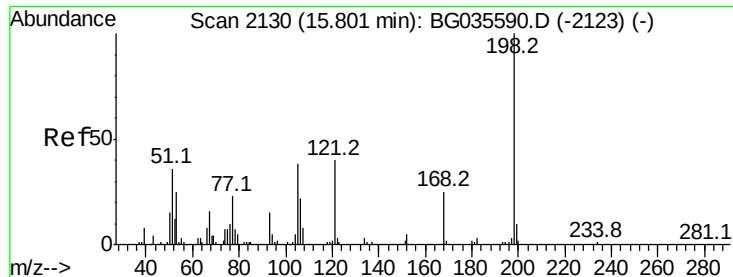


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#64

4,6-Dinitro-2-methylphenol

Concen: 27.522 ng

RT: 15.77 min Scan# 2125

Delta R.T. -0.00 min

Lab File: BG035835.D

Acq: 23 Jul 2018 19:53

Instrument :

BNA_G

ClientSampleId :

IDOC HP-3

Tot Ion:198 Resp: 37989

Ion Ratio Lower Upper

198 100

51 41.5 30.6 70.6

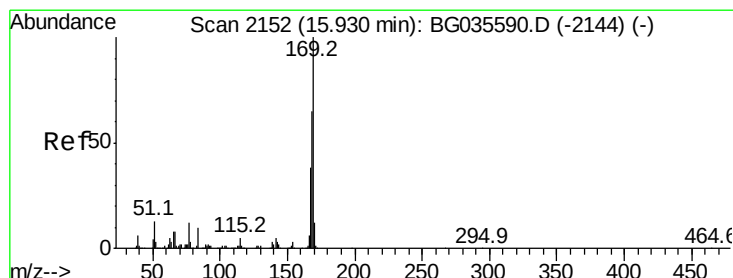
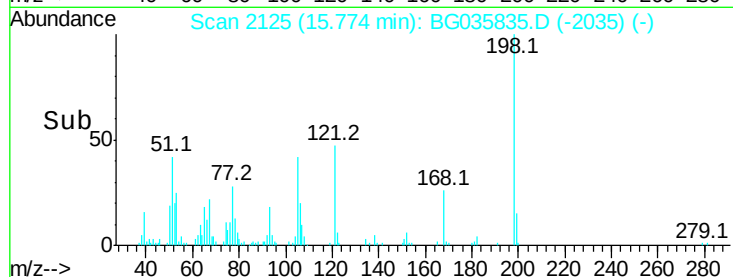
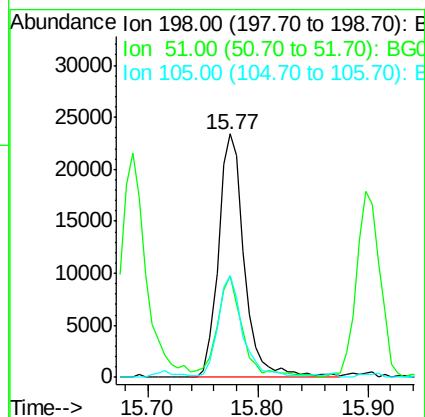
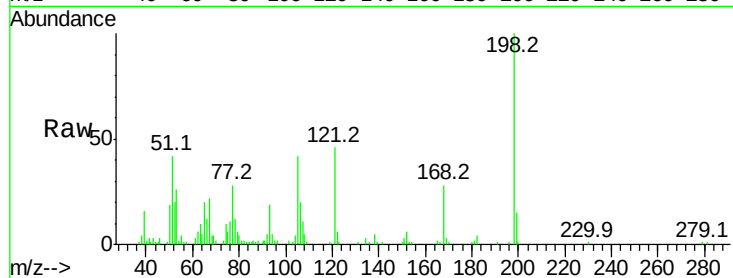
105 41.8 23.8 63.8

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#65

n-Nitrosodiphenylamine

Concen: 30.088 ng

RT: 15.90 min Scan# 2147

Delta R.T. -0.00 min

Lab File: BG035835.D

Acq: 23 Jul 2018 19:53

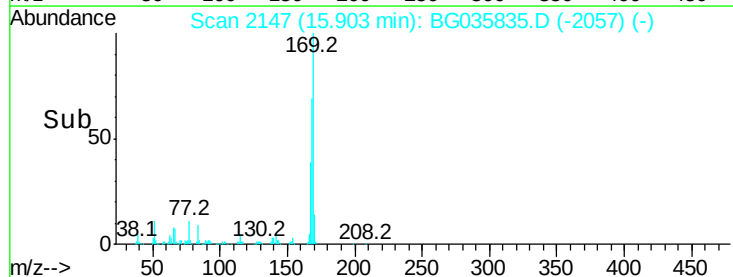
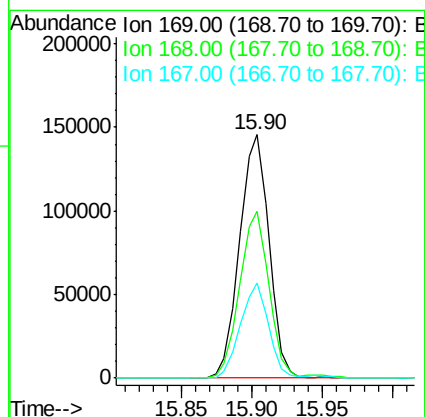
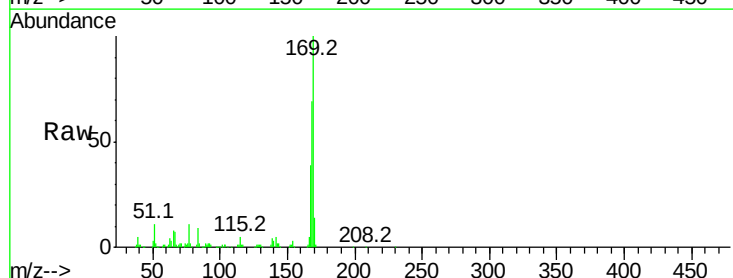
Tgt Ion:169 Resp: 212361

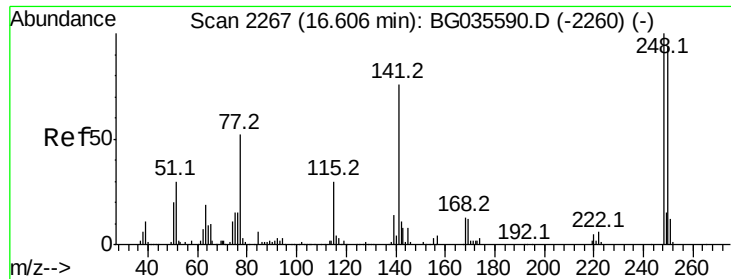
Ion Ratio Lower Upper

169 100

168 68.5 55.7 83.5

167 39.1 30.1 45.1





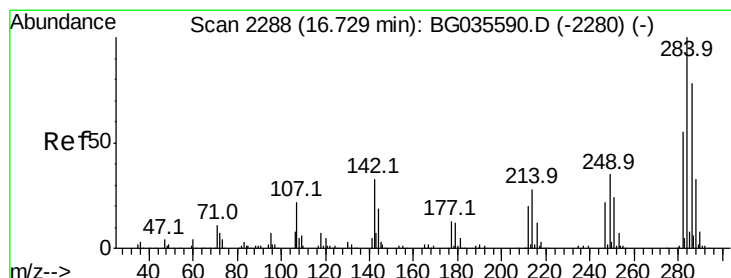
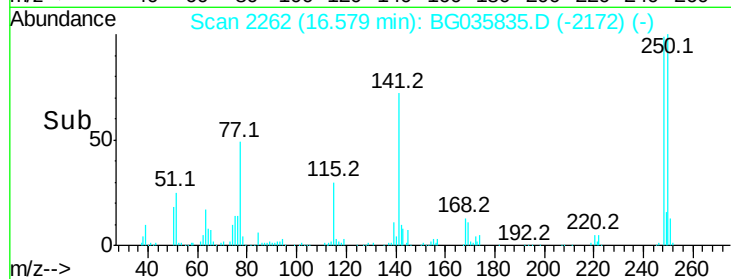
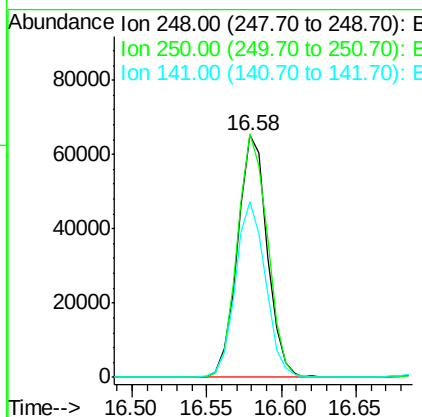
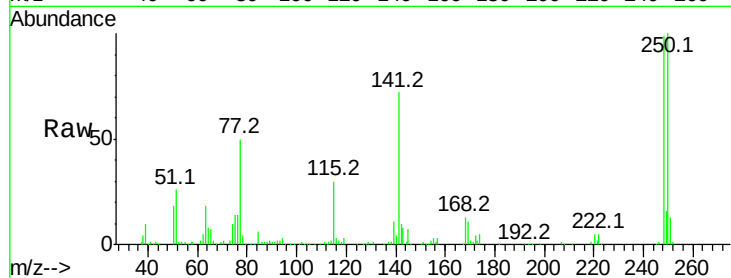
#66
 4-Bromophenyl-phenylether
 Concen: 31.297 ng
 RT: 16.58 min Scan# 2262
 Delta R.T. -0.00 min
 Lab File: BG035835.D
 Acq: 23 Jul 2018 19:53

Instrument :
 BNA_G
 ClientSampleId :
 IDOC HP-3

Tot Ion:	248	Resp:	90034
Ion Ratio	Lower	Upper	
248	100		
250	100.6	77.1	115.7
141	72.6	50.8	76.2

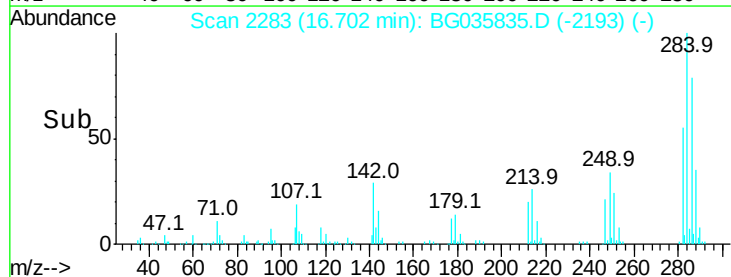
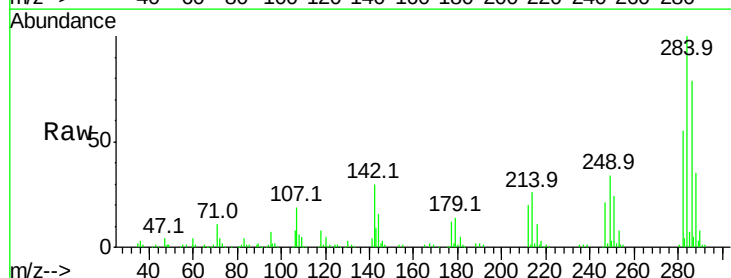
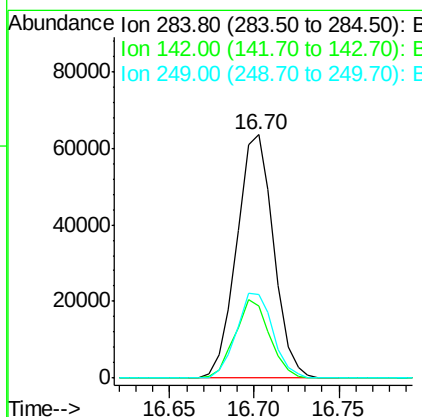
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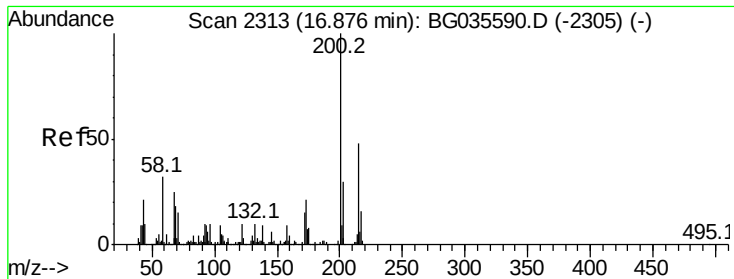
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#67
 Hexachlorobenzene
 Concen: 32.541 ng
 RT: 16.70 min Scan# 2283
 Delta R.T. -0.00 min
 Lab File: BG035835.D
 Acq: 23 Jul 2018 19:53

Tgt Ion:	284	Resp:	96405
Ion Ratio	Lower	Upper	
284	100		
142	29.7	26.8	40.2
249	34.3	26.3	39.5





#68

Atrazine

Concen: 33.736 ng

RT: 16.85 min Scan# 2308

Delta R.T. -0.00 min

Lab File: BG035835.D

Acq: 23 Jul 2018 19:53

Instrument :

BNA_G

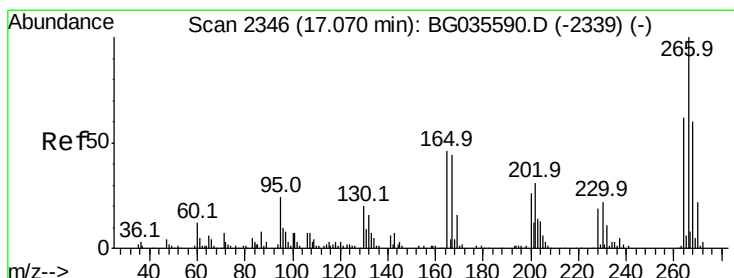
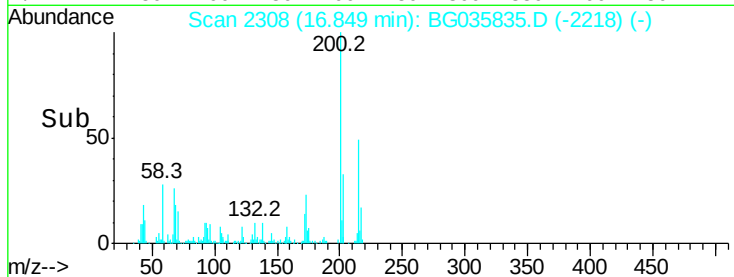
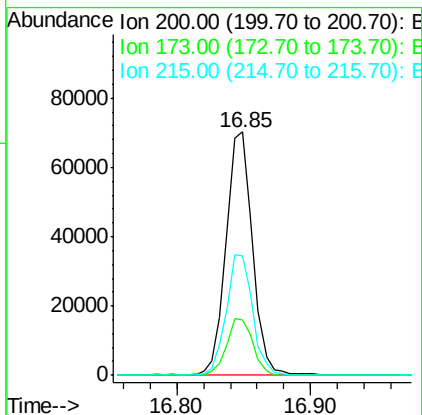
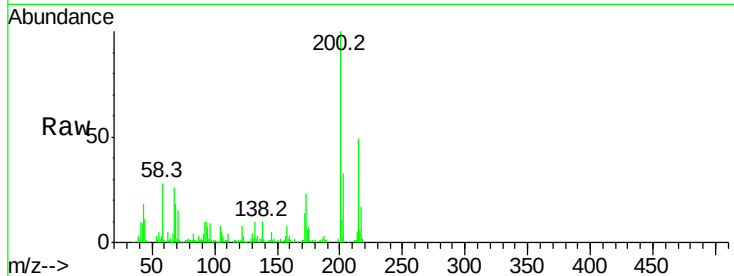
ClientSampleId :

IDOC HP-3

Tot Ion	Ratio	Lower	Upper
200	100		
173	22.9	5.2	45.2
215	49.3	30.4	70.4

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#69

Pentachlorophenol

Concen: 45.200 ng

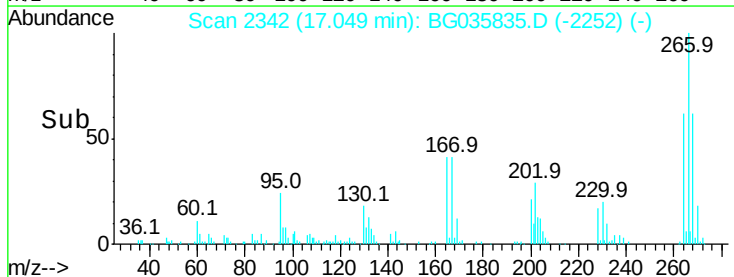
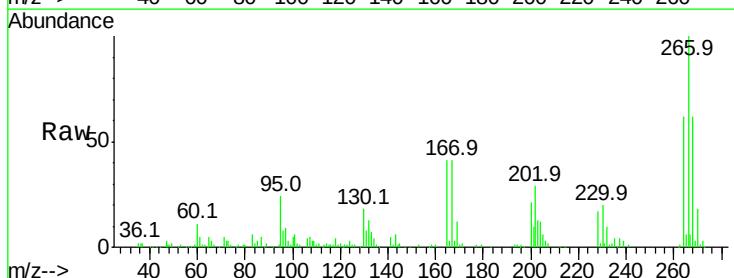
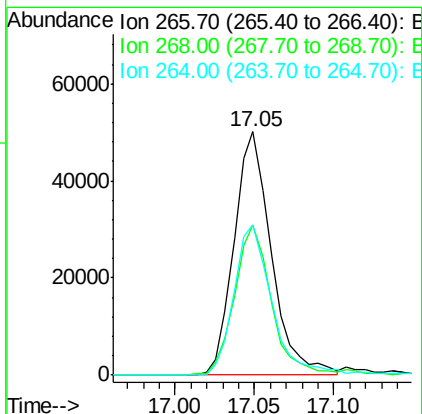
RT: 17.05 min Scan# 2342

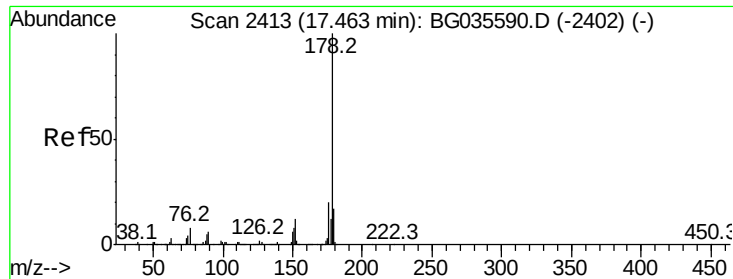
Delta R.T. -0.00 min

Lab File: BG035835.D

Acq: 23 Jul 2018 19:53

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.8	51.1	76.7
264	61.9	49.6	74.4





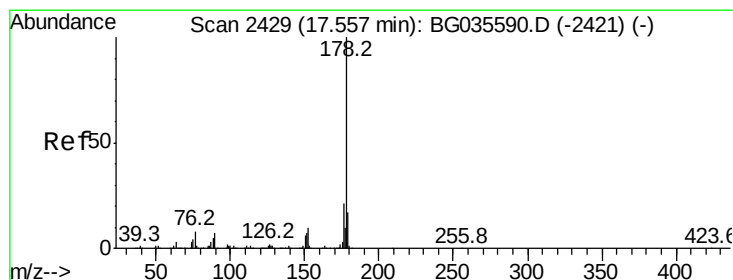
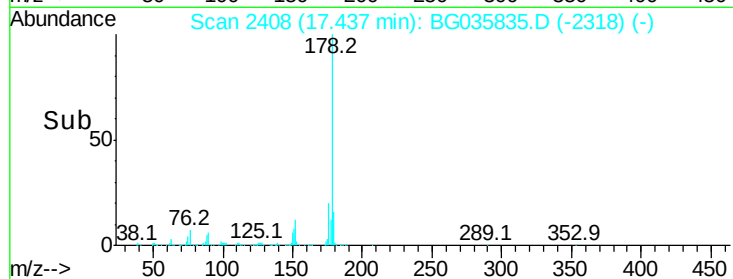
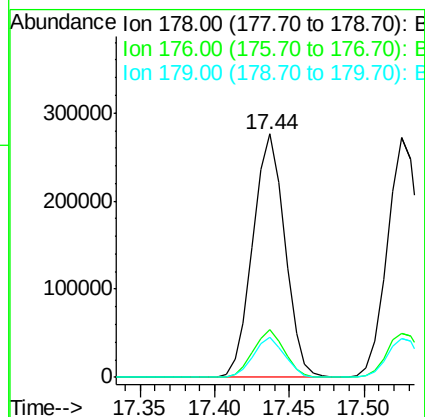
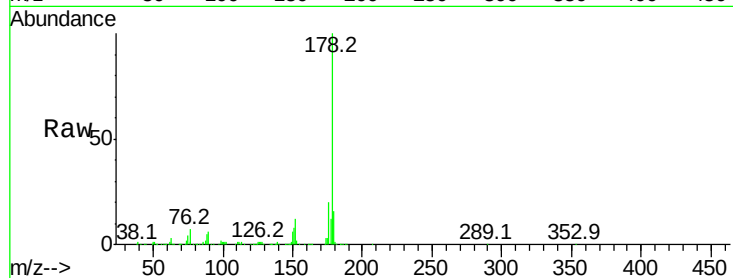
#70
Phenanthrene
Concen: 33.167 ng
RT: 17.44 min Scan# 2408
Delta R.T. -0.00 min
Lab File: BG035835.D
Acq: 23 Jul 2018 19:53

Instrument :
BNA_G
ClientSampled :
IDOC HP-3

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.7	23.5
179	16.4	12.5	18.7

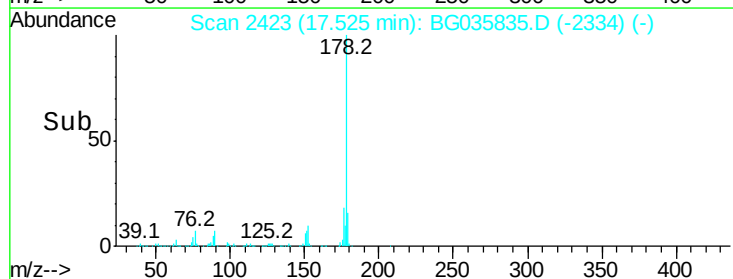
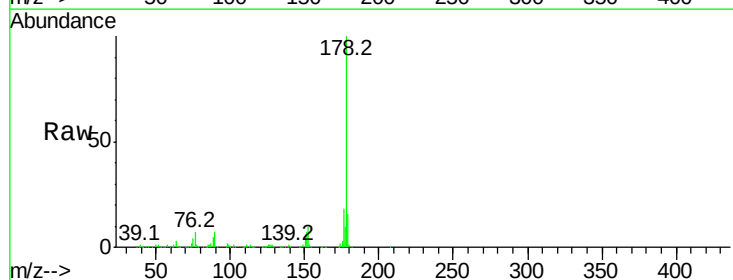
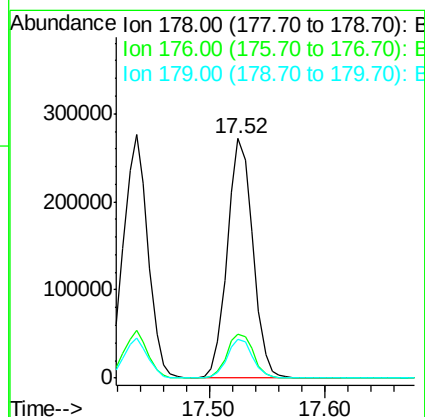
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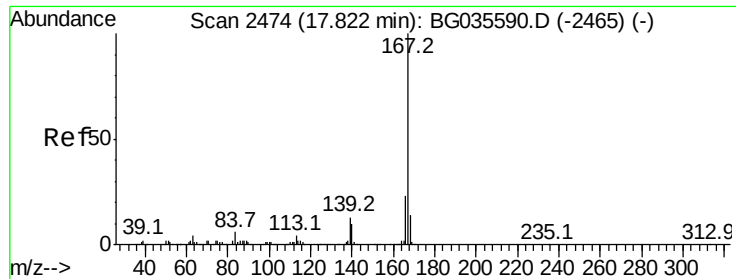
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#71
Anthracene
Concen: 33.732 ng
RT: 17.52 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG035835.D
Acq: 23 Jul 2018 19:53

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	16.0	24.0
179	16.0	12.5	18.7





#72

Carbazole

Concen: 32.611 ng

RT: 17.80 min Scan# 2469

Delta R.T. -0.01 min

Lab File: BG035835.D

Acq: 23 Jul 2018 19:53

Instrument :

BNA_G

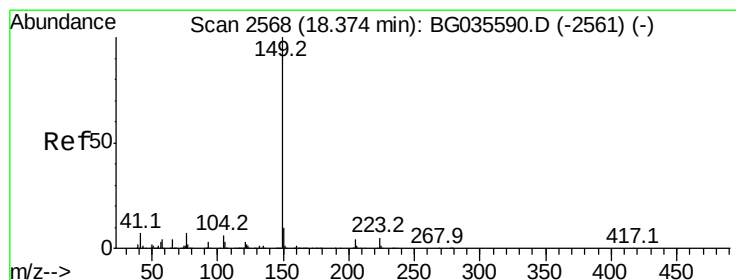
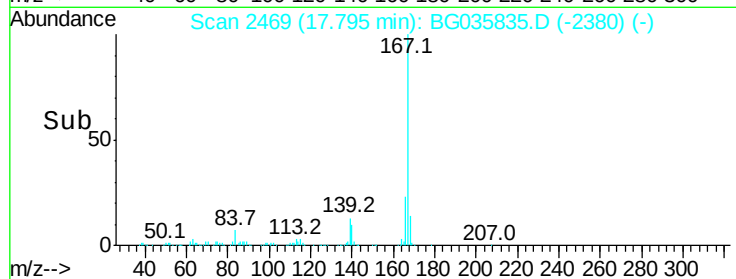
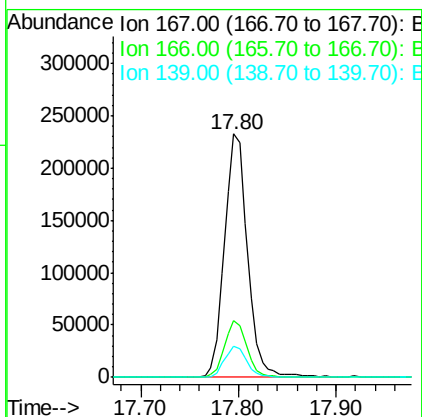
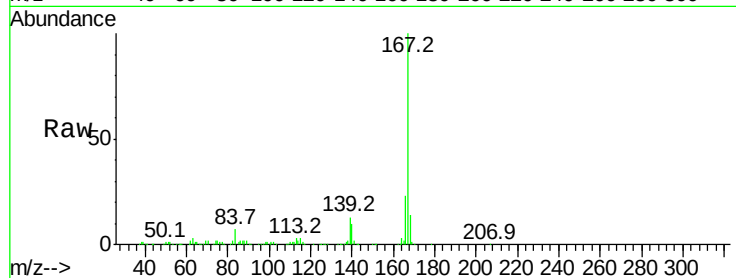
ClientSampleId :

IDOC HP-3

Tot Ion:	167	Resp:	381553
Ion Ratio	Lower	Upper	
167	100		
166	23.1	18.2	27.4
139	12.9	9.4	14.2

Manual Integrations
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#73

Di-n-butylphthalate

Concen: 32.345 ng

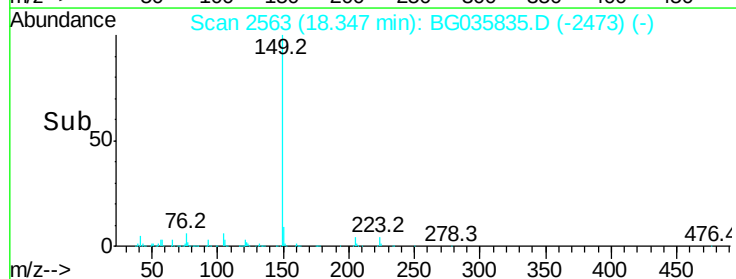
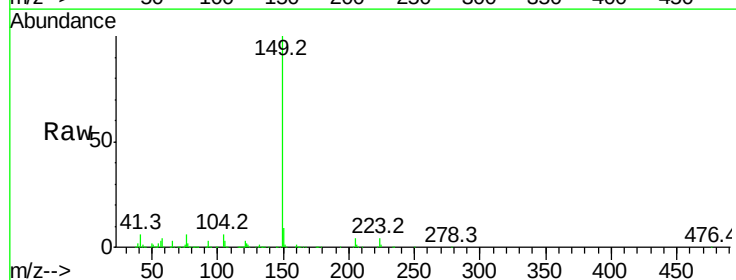
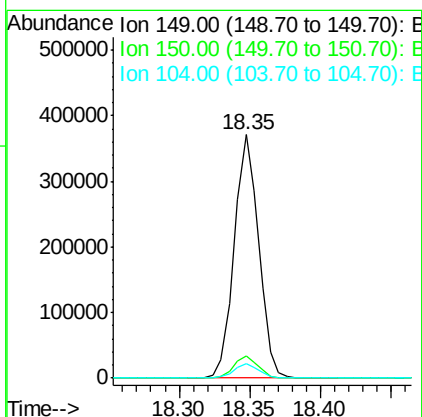
RT: 18.35 min Scan# 2563

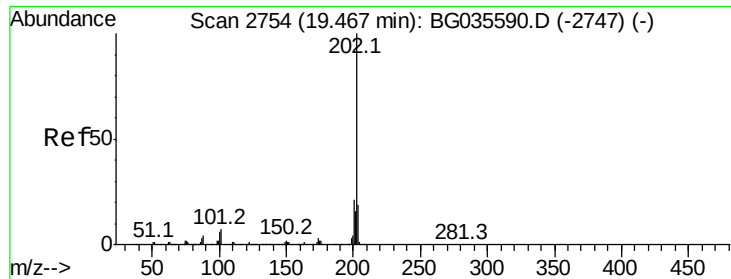
Delta R.T. -0.00 min

Lab File: BG035835.D

Acq: 23 Jul 2018 19:53

Tgt Ion:	149	Resp:	447216
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.8	11.6
104	6.0	3.9	5.9





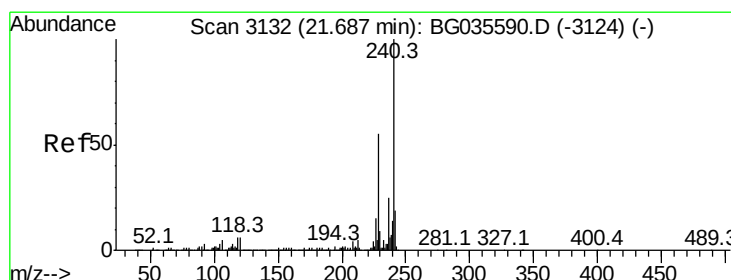
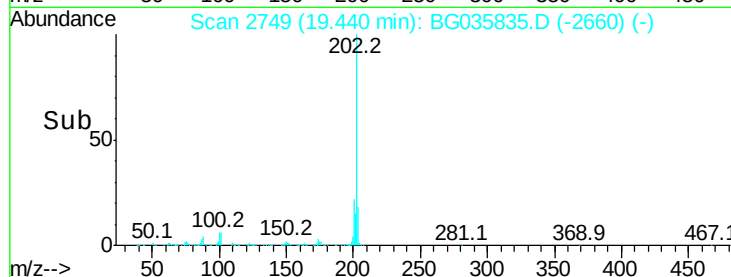
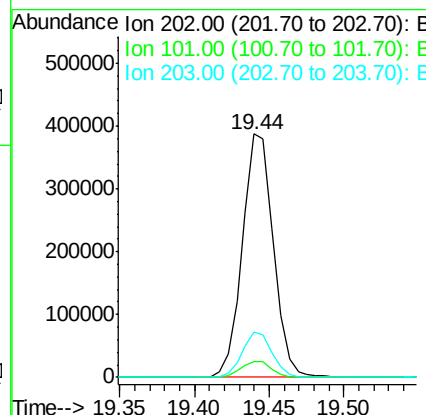
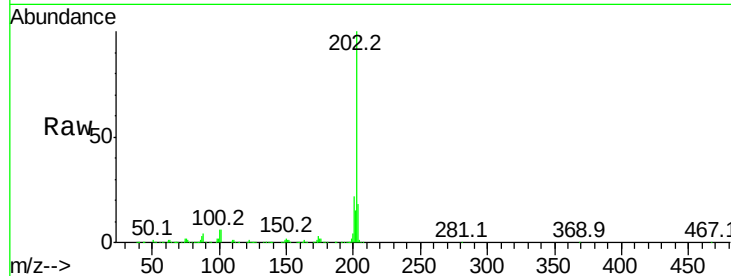
#74
Fluoranthene
Concen: 33.315 ng
RT: 19.44 min Scan# 2749
Delta R.T. -0.01 min
Lab File: BG035835.D
Acq: 23 Jul 2018 19:53

Instrument :
BNA_G
ClientSampled :
IDOC HP-3

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	6.5	0.0	28.9
203	18.3	0.0	37.5

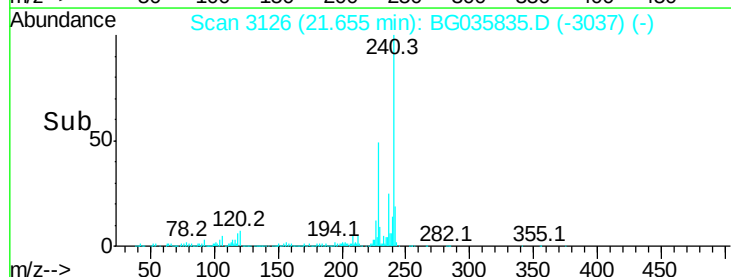
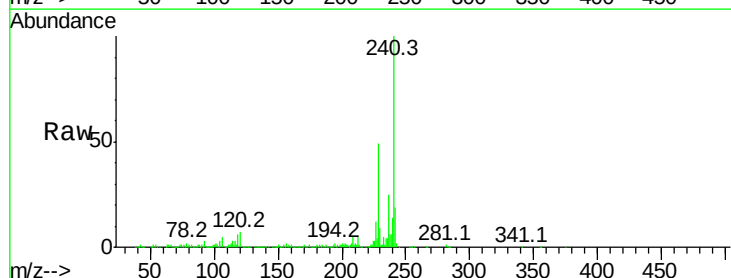
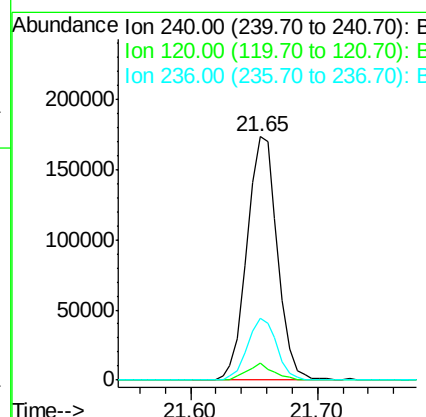
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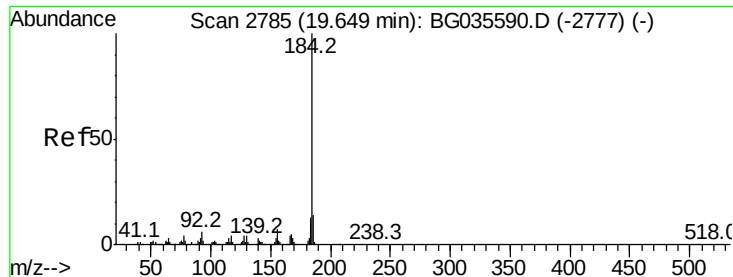
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BG035835.D
Acq: 23 Jul 2018 19:53

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	7.1	6.8	10.2
236	25.2	20.9	31.3





#76

Benzidine

Concen: 0.112 ng

RT: 19.66 min Scan# 2787

Delta R.T. 0.04 min

Lab File: BG035835.D

Acq: 23 Jul 2018 19:53

Instrument :

BNA_G

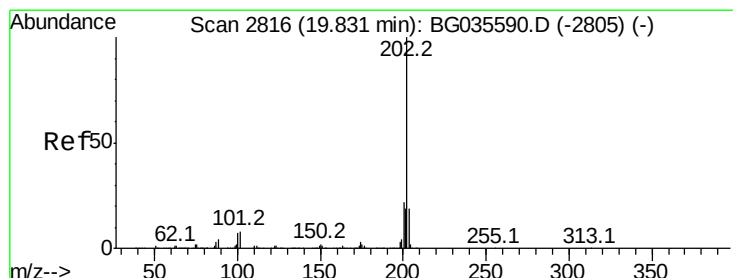
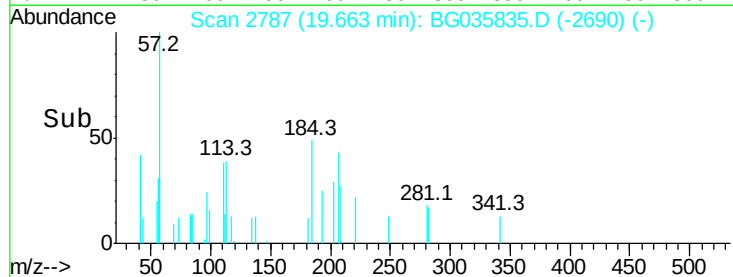
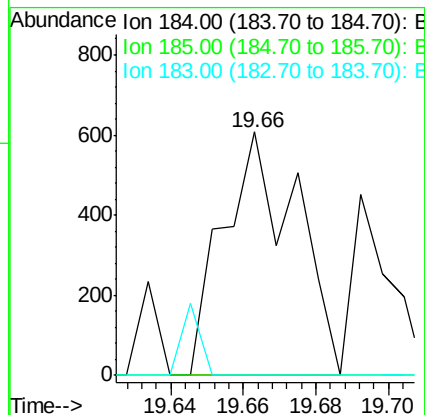
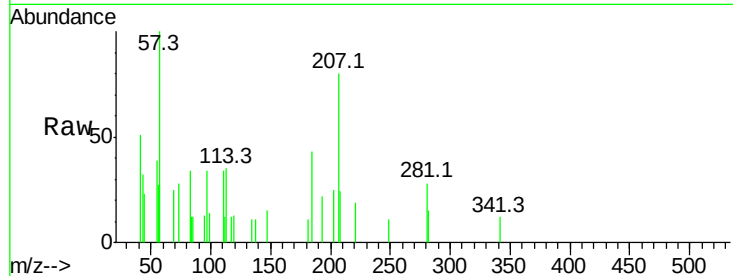
ClientSampleId :

IDOC HP-3

Tot Ion:	184	Resp:	851
Ion Ratio	Lower	Upper	
184	100		
185	0.0	11.1	16.7#
183	0.0	10.6	16.0#

Manual Integrations
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#77

Pyrene

Concen: 30.876 ng

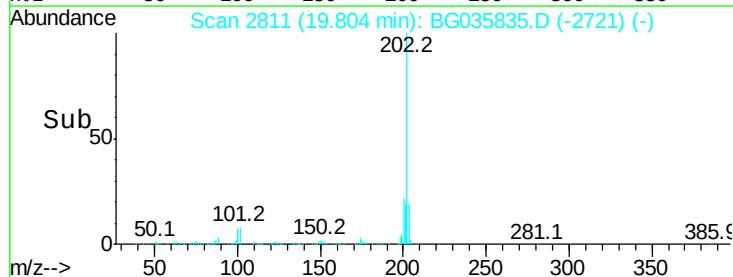
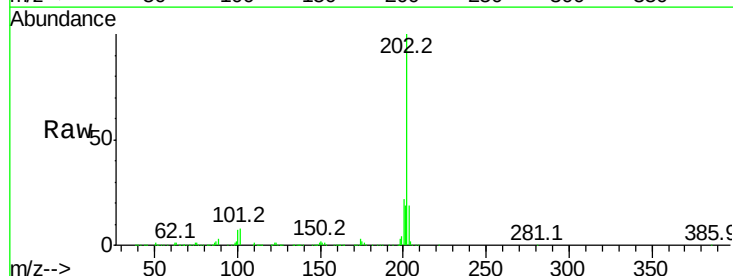
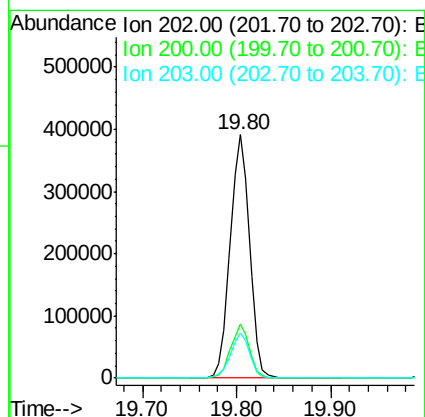
RT: 19.80 min Scan# 2811

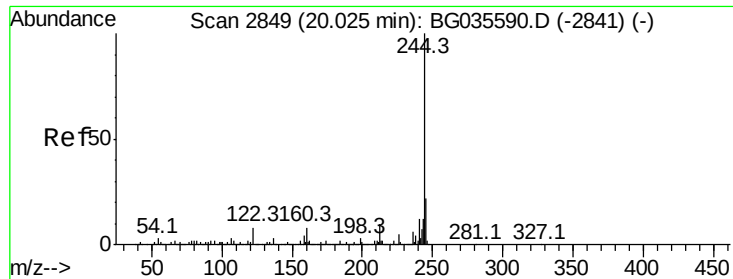
Delta R.T. -0.00 min

Lab File: BG035835.D

Acq: 23 Jul 2018 19:53

Tgt Ion:	202	Resp:	562362
Ion Ratio	Lower	Upper	
202	100		
200	22.0	16.9	25.3
203	18.6	13.9	20.9





#78

Terphenyl-d14

Concen: 66.358 ng

RT: 20.00 min Scan# 2844

Delta R.T. -0.00 min

Lab File: BG035835.D

Acq: 23 Jul 2018 19:53

Instrument :

BNA_G

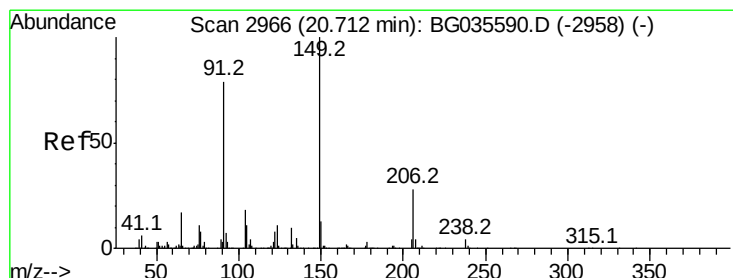
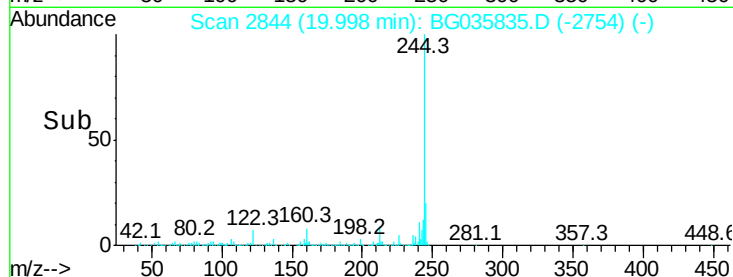
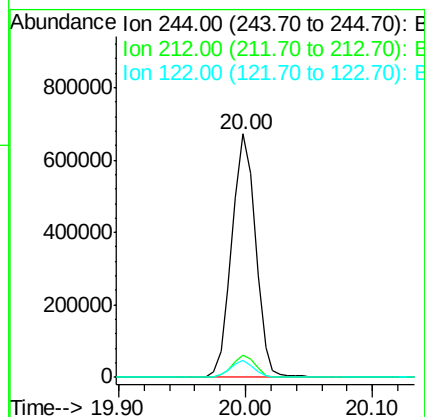
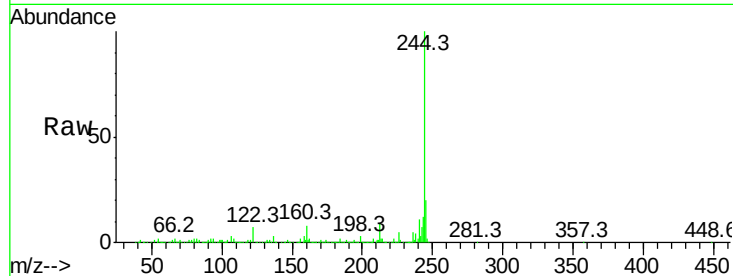
ClientSampled :

IDOC HP-3

Tot Ion:	244	Resp:	867144
Ion Ratio	Lower	Upper	
244	100		
212	9.1	5.8	8.8#
122	6.9	7.0	10.4#

Manual Integrations
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#79

Butylbenzylphthalate

Concen: 32.747 ng

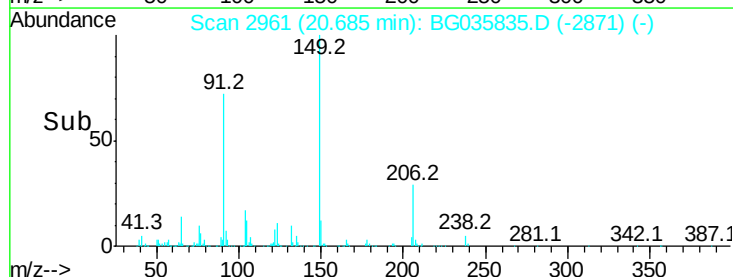
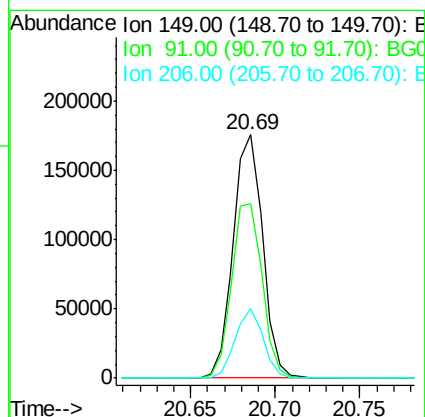
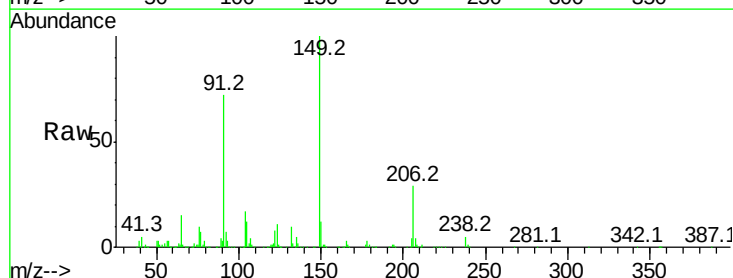
RT: 20.69 min Scan# 2961

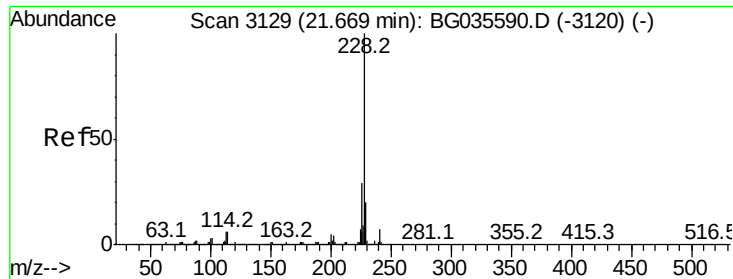
Delta R.T. -0.00 min

Lab File: BG035835.D

Acq: 23 Jul 2018 19:53

Tgt Ion:	149	Resp:	213289
Ion Ratio	Lower	Upper	
149	100		
91	71.8	62.2	93.2
206	28.6	18.6	27.8#





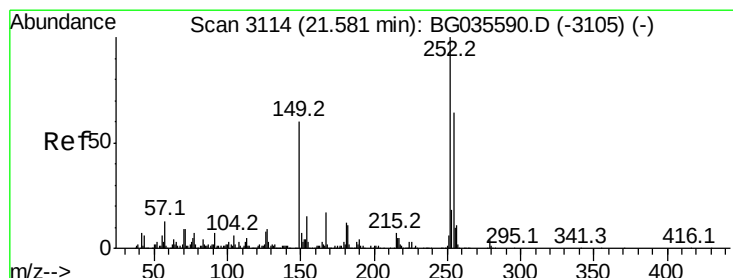
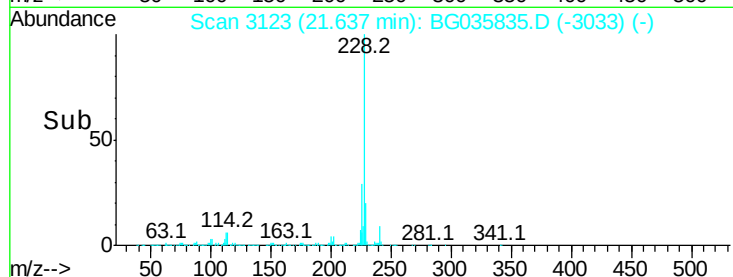
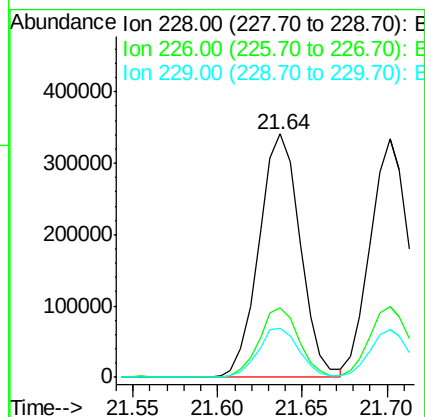
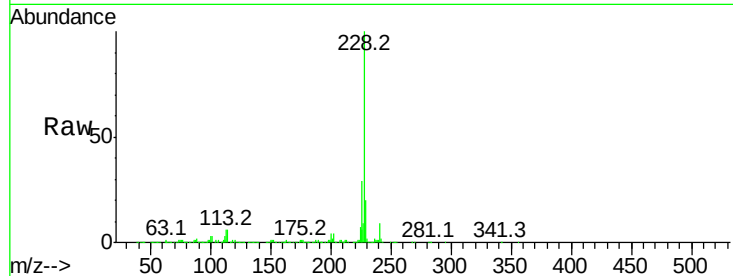
#80
Benzo(a)anthracene
Concen: 32.084 ng
RT: 21.64 min Scan# 3123
Delta R.T. -0.00 min
Lab File: BG035835.D
Acq: 23 Jul 2018 19:53

Instrument :
BNA_G
ClientSampled :
IDOC HP-3

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.7	34.1
229	20.1	16.2	24.2

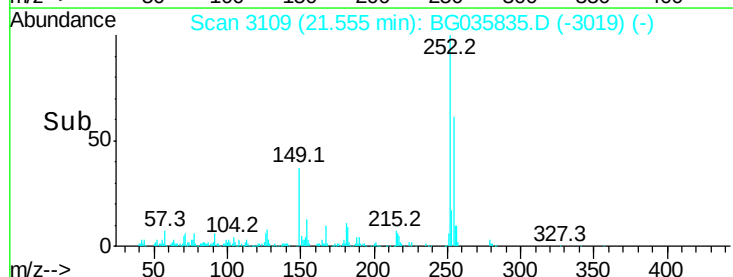
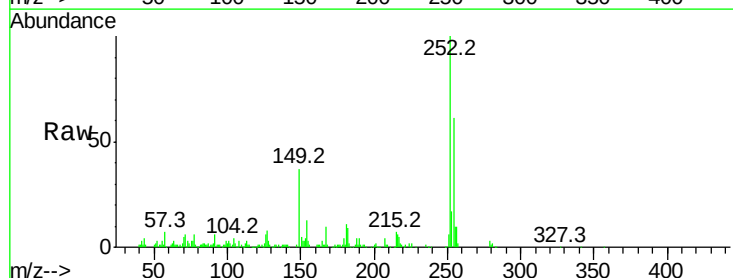
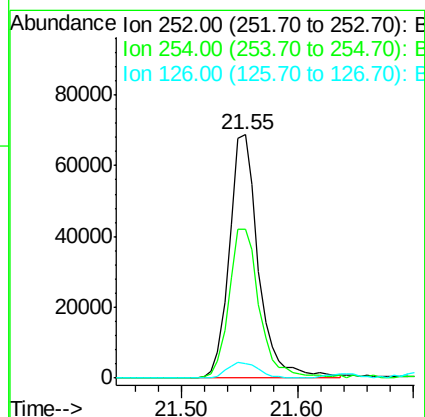
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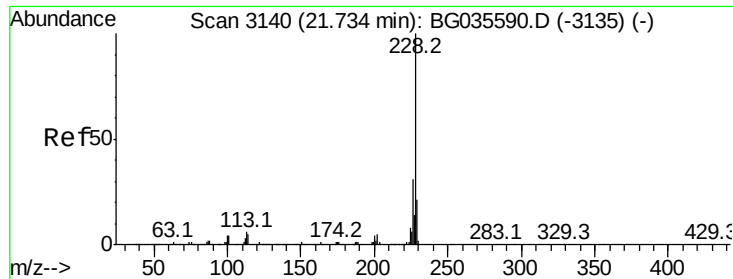
Sohil
7/24/2018 3:05:53 PM



#81
3,3'-Dichlorobenzidine
Concen: 19.183 ng
RT: 21.55 min Scan# 3109
Delta R.T. -0.00 min
Lab File: BG035835.D
Acq: 23 Jul 2018 19:53

Tgt Ion	Ratio	Lower	Upper
252	100		
254	61.1	50.8	76.2
126	5.9	7.4	11.2#





#82

Chrysene

Concen: 32.543 ng

RT: 21.70 min Scan# 3134

Delta R.T. -0.01 min

Lab File: BG035835.D

Acq: 23 Jul 2018 19:53

Instrument :

BNA_G

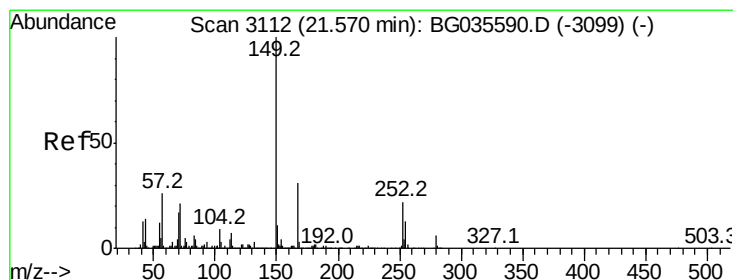
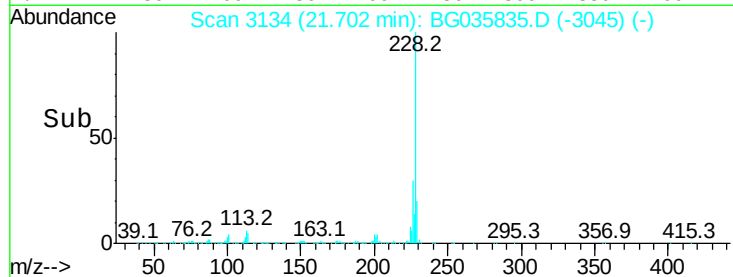
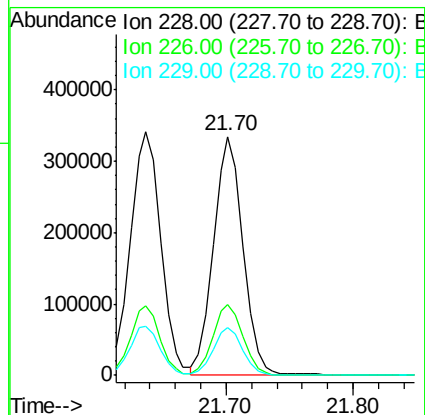
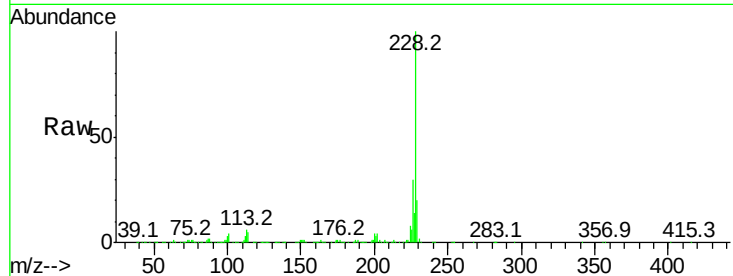
ClientSampleId :

IDOC HP-3

Tot Ion:	228	Resp:	541329
Ion Ratio	Lower	Upper	
228	100		
226	29.7	24.9	37.3
229	20.1	15.0	22.4

Manual Integrations
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7/24/2018 3:05:53 PM



#83

Bis(2-ethylhexyl)phthalate

Concen: 33.012 ng

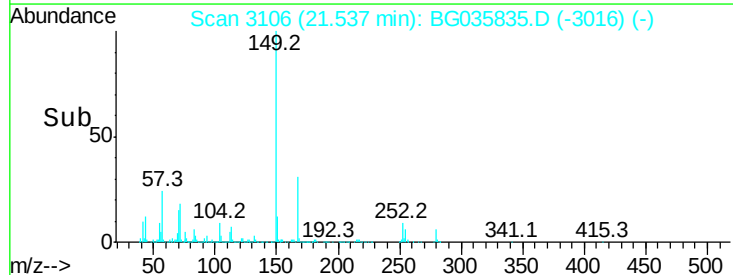
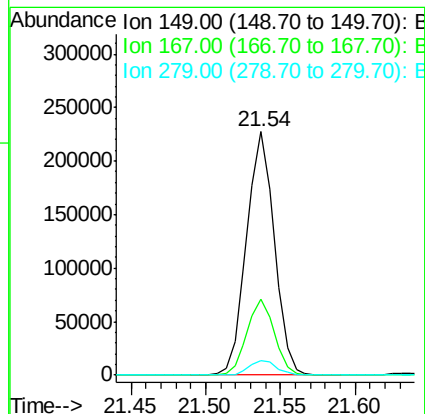
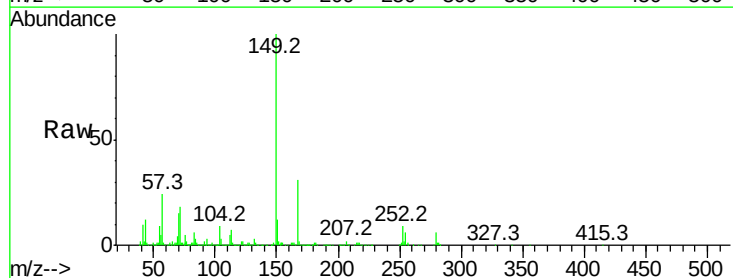
RT: 21.54 min Scan# 3106

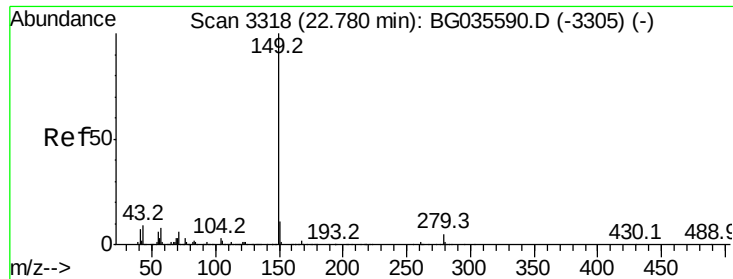
Delta R.T. -0.00 min

Lab File: BG035835.D

Acq: 23 Jul 2018 19:53

Tgt Ion:	149	Resp:	292319
Ion Ratio	Lower	Upper	
149	100		
167	31.1	24.3	36.5
279	6.2	4.0	6.0#





#84

Di-n-octyl phthalate

Concen: 33.925 ng

RT: 22.74 min Scan# 3310

Delta R.T. -0.01 min

Lab File: BG035835.D

Acq: 23 Jul 2018 19:53

Instrument :

BNA_G

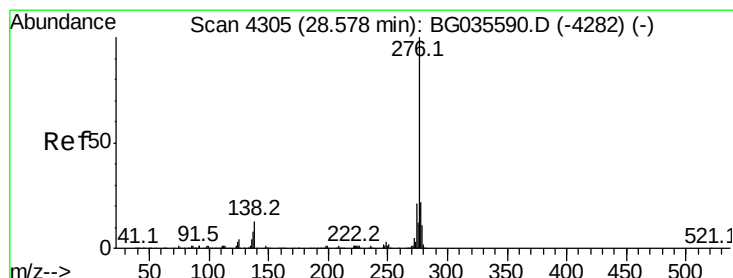
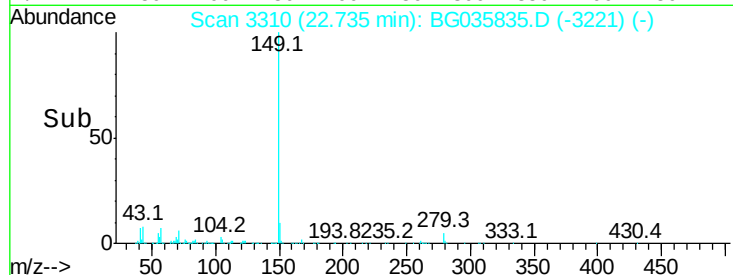
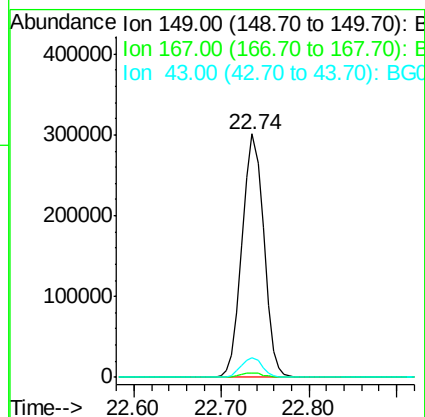
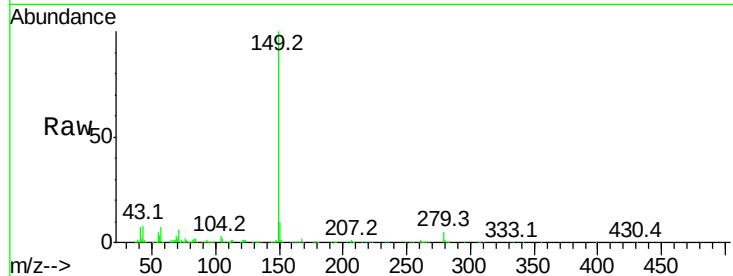
ClientSampleId :

IDOC HP-3

Tot Ion:	149	Resp:	502982
Ion Ratio	Lower	Upper	
149	100		
167	1.9	1.4	2.0
43	7.9	8.9	13.3#

Manual Integrations
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#85

Indeno(1,2,3-cd)pyrene

Concen: 32.417 ng

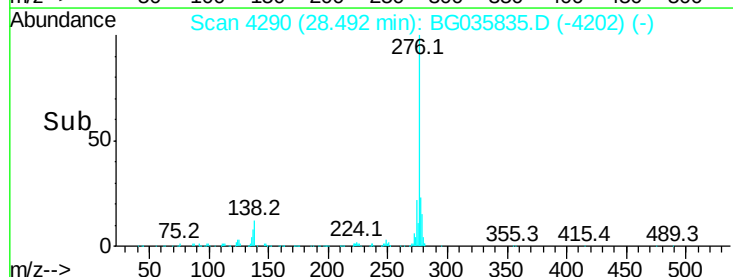
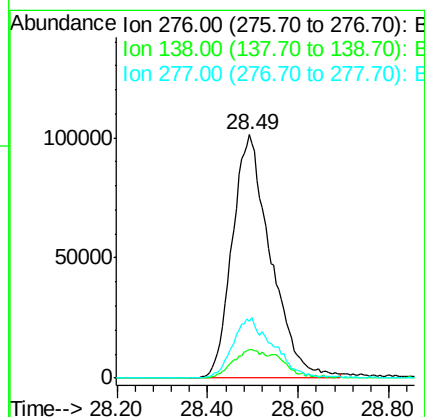
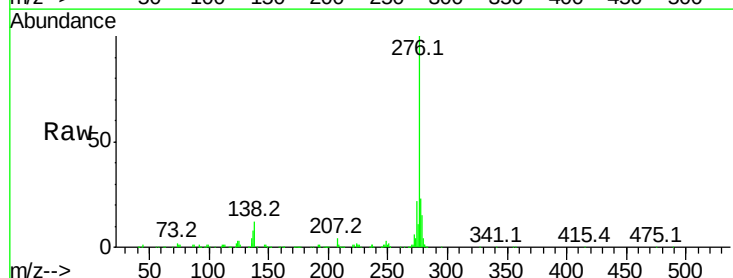
RT: 28.49 min Scan# 4290

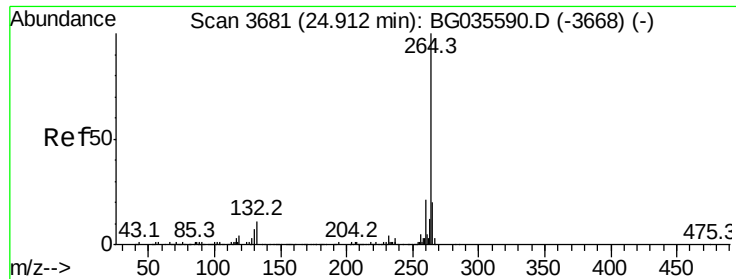
Delta R.T. -0.01 min

Lab File: BG035835.D

Acq: 23 Jul 2018 19:53

Tgt Ion:	276	Resp:	597003
Ion Ratio	Lower	Upper	
276	100		
138	9.8	16.0	24.0#
277	25.7	20.0	30.0





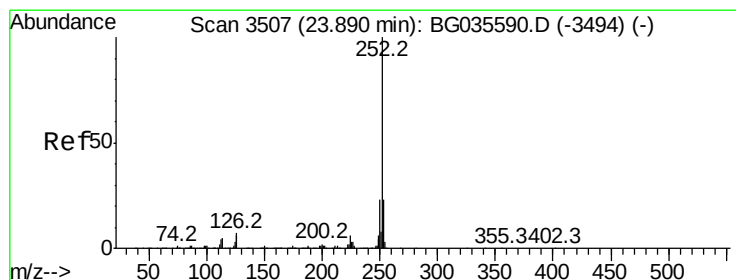
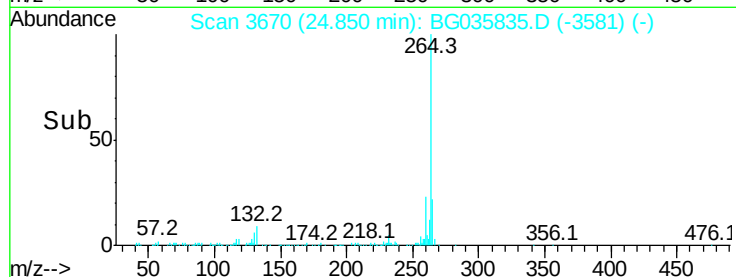
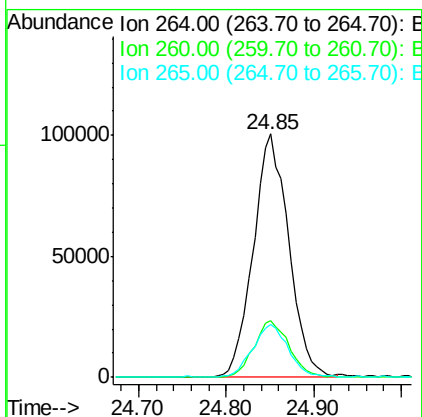
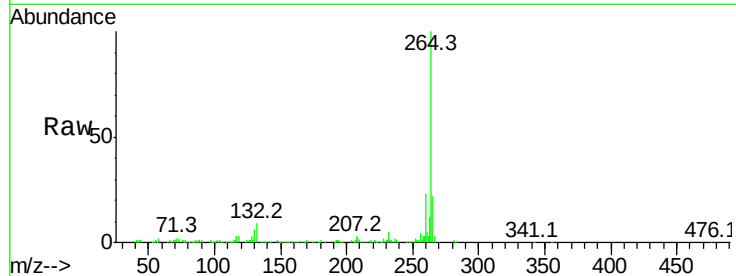
#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3670
Delta R.T. -0.01 min
Lab File: BG035835.D
Acq: 23 Jul 2018 19:53

Instrument :
BNA_G
ClientSampled :
IDOC HP-3

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.3	17.4	26.0	
265	21.6	17.7	26.5	

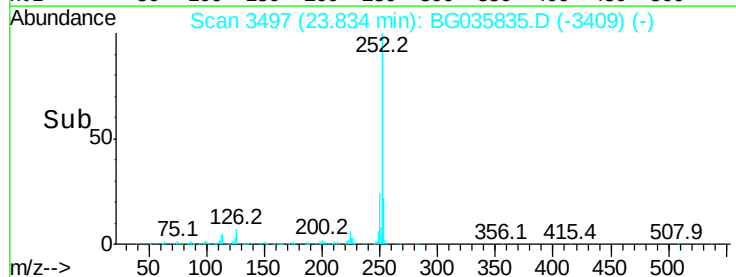
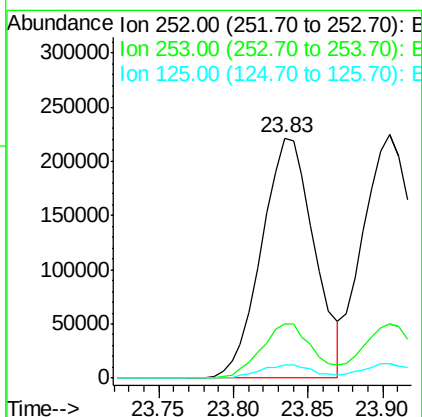
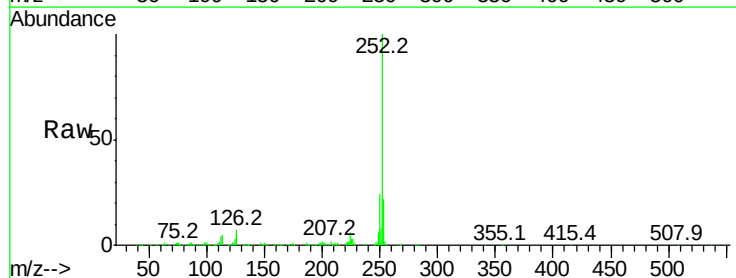
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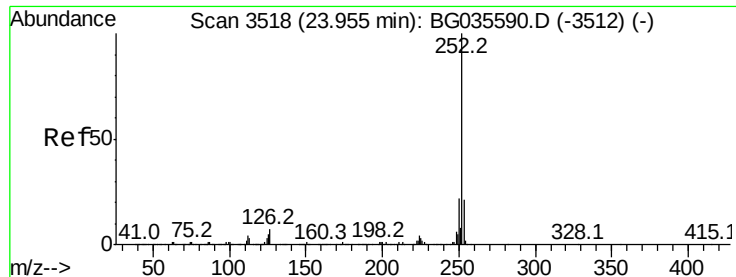
Sohil
7/24/2018 3:05:53 PM



#87
Benzo(b)fluoranthene
Concen: 31.984 ng
RT: 23.83 min Scan# 3497
Delta R.T. -0.01 min
Lab File: BG035835.D
Acq: 23 Jul 2018 19:53

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	22.3	18.2	27.4	
125	5.3	7.2	10.8#	





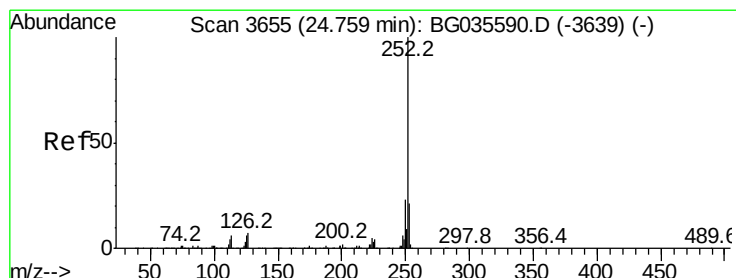
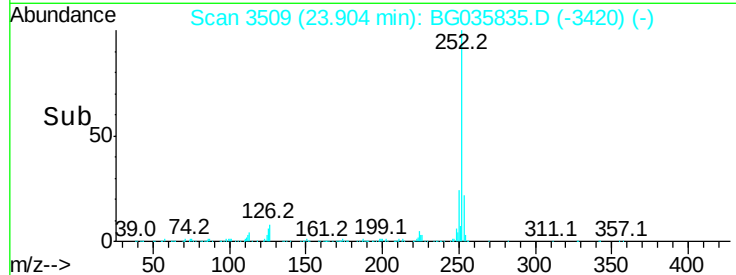
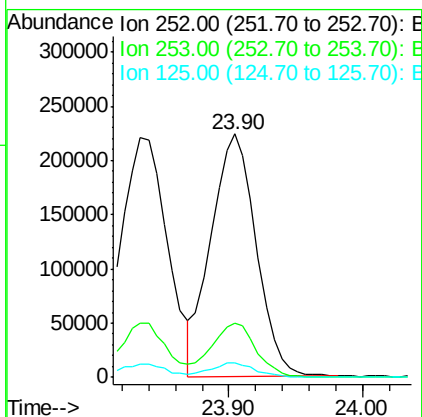
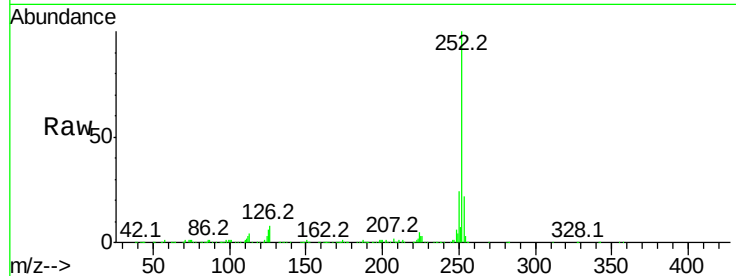
#88
Benzo(k)fluoranthene
Concen: 31.697 ng
RT: 23.90 min Scan# 3509
Delta R.T. -0.01 min
Lab File: BG035835.D
Acq: 23 Jul 2018 19:53

Instrument :
BNA_G
ClientSampleId :
IDOC HP-3

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	6.1	6.6	9.8

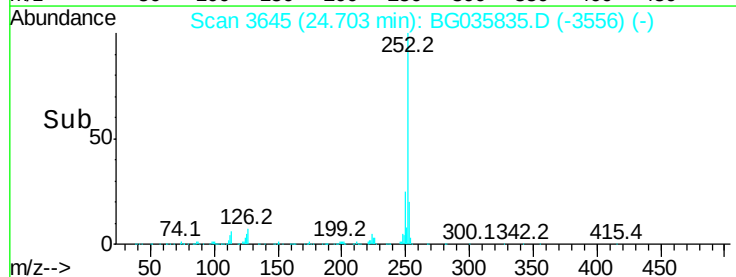
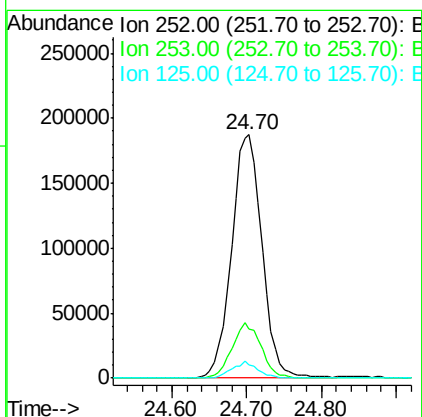
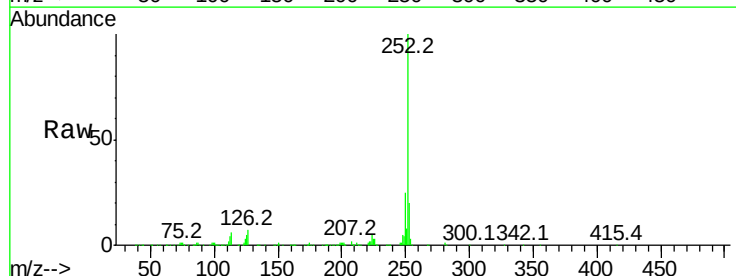
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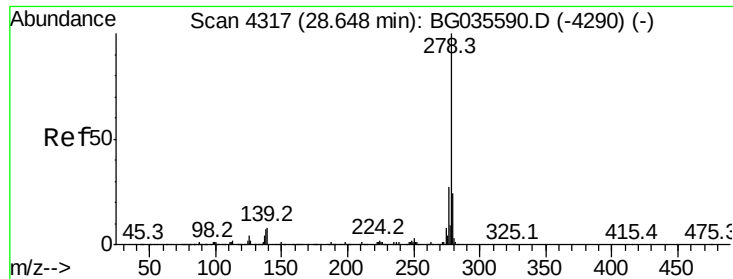
Sohil
7/24/2018 3:05:53 PM



#89
Benzo(a)pyrene
Concen: 33.375 ng
RT: 24.70 min Scan# 3645
Delta R.T. -0.01 min
Lab File: BG035835.D
Acq: 23 Jul 2018 19:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.1	18.3	27.5
125	5.4	7.3	10.9





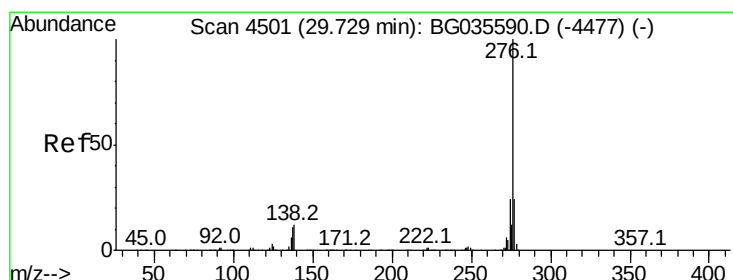
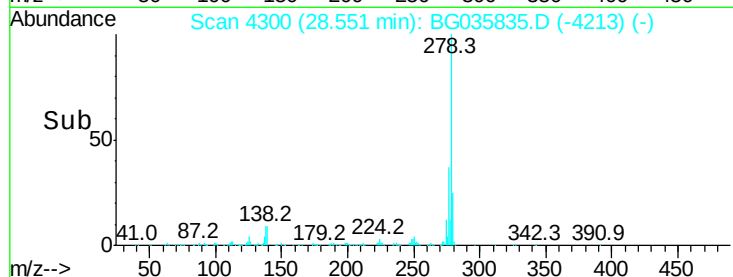
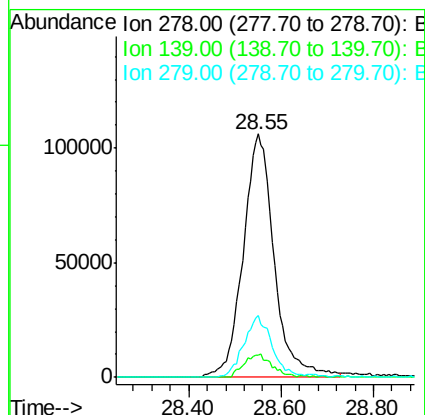
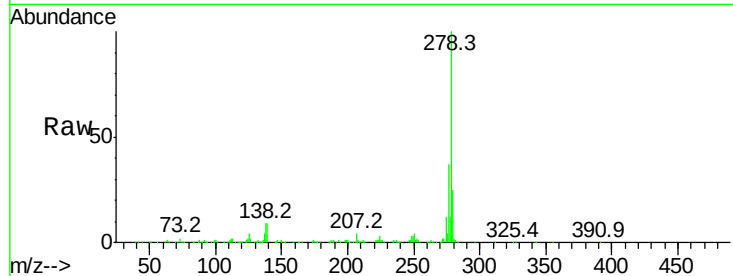
#90
Dibenzo(a,h)anthracene
Concen: 31.896 ng
RT: 28.55 min Scan# 4300
Delta R.T. -0.02 min
Lab File: BG035835.D
Acq: 23 Jul 2018 19:53

Instrument :
BNA_G
ClientSampled :
IDOC HP-3

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.1	9.8	14.6#
279	25.2	18.4	27.6

Manual Integrations
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7/24/2018 3:05:53 PM



#91
Benzo(g,h,i)perylene
Concen: 32.582 ng
RT: 29.63 min Scan# 4483
Delta R.T. -0.03 min
Lab File: BG035835.D
Acq: 23 Jul 2018 19:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.3	27.5
138	12.0	13.9	20.9#

