

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072318\
 Data File : BG035833.D
 Acq On : 23 Jul 2018 18:34
 Operator : JU/SJ
 Sample : IDOC HP-1
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDOC HP-1

Manual Integrations
 APPROVED

Sohil

Quant Time: Jul 24 02:01:54 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

7/24/2018 3:05:50 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	30727	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	121477	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	89670	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	257927	20.00	ng	0.00
75) Chrysene-d12	21.66	240	307151	20.00	ng	0.00
86) Perylene-d12	24.86	264	294498	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	183465	99.13	ng	0.00
7) Phenol-d6	7.19	99	273419	99.02	ng	0.00
23) Nitrobenzene-d5	9.19	82	176443	60.68	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	129318	109.41	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	427854	63.92	ng	0.00
78) Terphenyl-d14	20.00	244	881283	63.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	21339	22.653	ng	# 74
3) Pyridine	4.09	79	135	0.055	ng	# 18
4) n-Nitrosodimethylamine	3.83	42	26350	24.955	ng	# 77
6) Aniline	7.35	93	7027	1.963	ng	# 90
8) 2-Chlorophenol	7.59	128	61744	32.802	ng	93
9) Benzaldehyde	7.17	77	49260	29.074	ng	92
10) Phenol	7.22	94	93420	33.487	ng	98
11) bis(2-Chloroethyl)ether	7.45	93	61931	28.347	ng	# 83
12) 1,3-Dichlorobenzene	7.92	146	71215	31.330	ng	95
13) 1,4-Dichlorobenzene	8.06	146	72039	31.192	ng	94
14) 1,2-Dichlorobenzene	8.38	146	66205	29.839	ng	96
15) Benzyl Alcohol	8.26	79	69500	27.716	ng	88
16) 2,2'-oxybis(1-Chloropropan	8.56	45	72588	39.630	ng	79
17) 2-Methylphenol	8.47	107	58974	31.092	ng	# 91
18) Hexachloroethane	9.10	117	27729	31.401	ng	92
19) n-Nitroso-di-n-propylamine	8.83	70	57244	24.618	ng	# 87
20) 3+4-Methylphenols	8.80	107	84494	32.111	ng	94
22) Acetophenone	8.85	105	108108	28.618	ng	# 92
24) Nitrobenzene	9.23	77	86751	29.664	ng	93
25) Isophorone	9.75	82	163474	30.284	ng	98
26) 2-Nitrophenol	9.94	139	35520	34.199	ng	93
27) 2,4-Dimethylphenol	10.00	122	61828	35.167	ng	89
28) bis(2-Chloroethoxy)methane	10.23	93	85071	28.600	ng	92
29) 2,4-Dichlorophenol	10.48	162	70423	35.090	ng	91
30) 1,2,4-Trichlorobenzene	10.69	180	79928	32.479	ng	98
31) Naphthalene	10.88	128	197873	31.270	ng	99
33) 4-Chloroaniline	11.01	127	18812	6.821	ng	# 94
34) Hexachlorobutadiene	11.16	225	60125	31.332	ng	98
35) Caprolactam	11.76	113	9168m	10.645	ng	
36) 4-Chloro-3-methylphenol	12.11	107	88749	32.991	ng	100
37) 2-Methylnaphthalene	12.48	142	156345	33.164	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	105868	31.281	ng	99
40) Hexachlorocyclopentadiene	12.83	237	118199	66.593	ng	95
42) 2,4,6-Trichlorophenol	13.09	196	65413	33.050	ng	95

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 QLast Update : Fri Jul 20 15:28:54 2018
 Response via : Initial Calibration

7/24/2018 3:05:50 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.16	196	74637	33.709	nq	99
45) 1,1'-Biphenyl	13.48	154	214812	30.899	nq	99
46) 2-Chloronaphthalene	13.53	162	170993	31.621	nq	98
47) 2-Nitroaniline	13.73	65	60216	31.498	nq	99
48) Acenaphthylene	14.37	152	280676	30.985	nq	99
49) Dimethylphthalate	14.10	163	284149	36.168	nq	# 99
50) 2,6-Dinitrotoluene	14.22	165	54466	34.044	nq	92
51) Acenaphthene	14.71	154	168107	29.792	nq	99
52) 3-Nitroaniline	14.56	138	40911	25.019	nq	# 89
53) 2,4-Dinitrophenol	14.76	184	36984	47.837	nq	# 59
54) Dibenzofuran	15.05	168	285807	31.848	nq	95
55) 4-Nitrophenol	14.87	139	80399	69.041	nq	# 88
56) 2,4-Dinitrotoluene	15.01	165	84394	36.770	nq	# 78
57) Fluorene	15.69	166	238316	31.684	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.28	232	75970	35.785	nq	92
59) Diethylphthalate	15.46	149	245731	30.418	nq	99
60) 4-Chlorophenyl-phenylether	15.69	204	135859	30.732	nq	98
61) 4-Nitroaniline	15.72	138	56763	33.186	nq	# 80
62) Azobenzene	15.98	77	247931	31.114	nq	94
64) 4,6-Dinitro-2-methylphenol	15.77	198	40359	28.109	nq	88
65) n-Nitrosodiphenylamine	15.90	169	219860	29.947	nq	96
66) 4-Bromophenyl-phenylether	16.58	248	93276	31.171	nq	96
67) Hexachlorobenzene	16.71	284	96917	31.450	nq	# 91
68) Atrazine	16.85	200	96241	31.839	nq	96
69) Pentachlorophenol	17.05	266	83212	44.333	nq	99
70) Phenanthrene	17.44	178	413025	32.092	nq	98
71) Anthracene	17.53	178	410393	32.024	nq	98
72) Carbazole	17.80	167	392708	32.268	nq	99
73) Di-n-butylphthalate	18.35	149	453614	31.541	nq	# 97
74) Fluoranthene	19.44	202	563267	32.491	nq	96
76) Benzidine	19.65	184	5629	0.697	nq	95
77) Pyrene	19.80	202	568647	29.279	nq	99
79) Butylbenzylphthalate	20.69	149	217069	31.254	nq	# 94
80) Benzo(a)anthracene	21.64	228	582407	30.427	nq	98
81) 3,3'-Dichlorobenzidine	21.55	252	130841	19.605	nq	# 98
82) Chrysene	21.70	228	559766	31.559	nq	97
83) Bis(2-ethylhexyl)phthalate	21.54	149	304859	32.287	nq	98
84) Di-n-octyl phthalate	22.74	149	520170	32.903	nq	# 93
85) Indeno(1,2,3-cd)pyrene	28.49	276	617473	31.443	nq	# 84
87) Benzo(b)fluoranthene	23.84	252	566272	31.636	nq	# 97
88) Benzo(k)fluoranthene	23.91	252	543923	31.083	nq	# 98
89) Benzo(a)pyrene	24.70	252	544766	32.714	nq	# 94
90) Dibenzo(a,h)anthracene	28.55	278	505502	30.921	nq	# 96
91) Benzo(g,h,i)perylene	29.63	276	517210	32.331	nq	# 95

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BG035833.D
 Acq: 23 Jul 2018 18:34

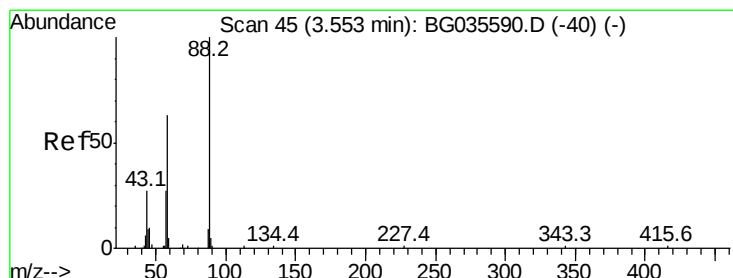
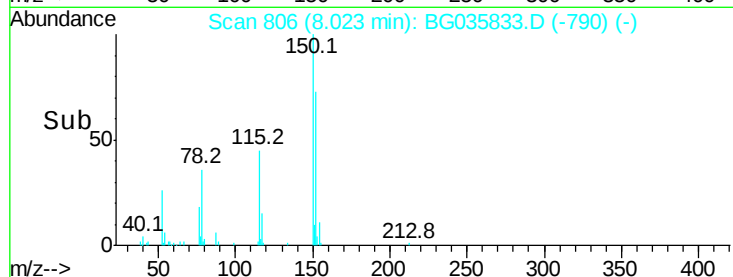
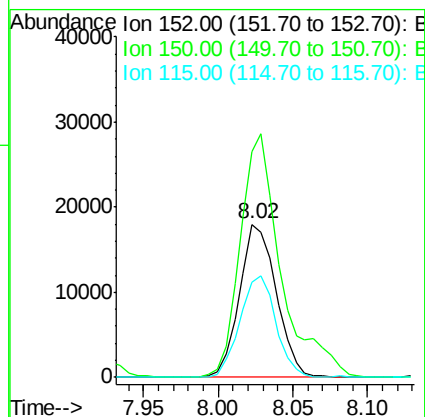
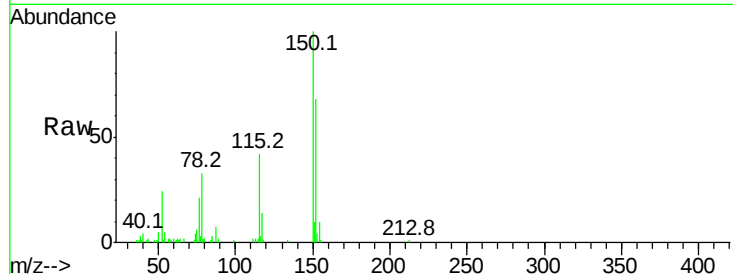
Instrument :
 BNA_G
 ClientSampleId :
 IDOC HP-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.3	126.6	189.8
115	61.9	53.0	79.4

Manual Integrations
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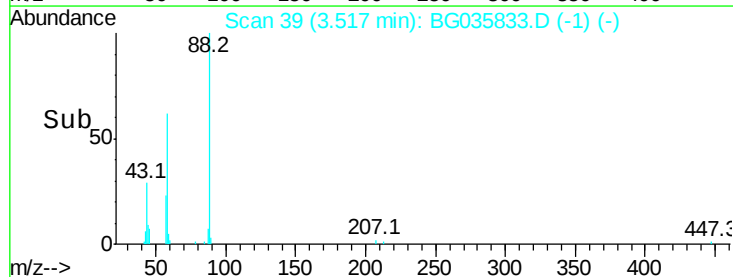
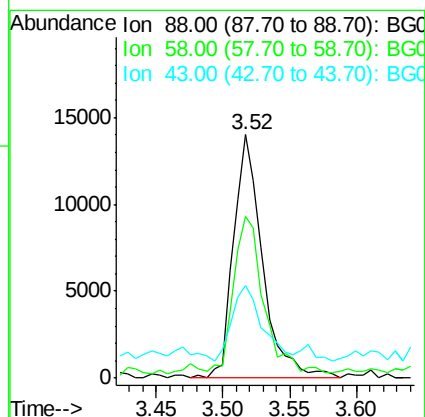
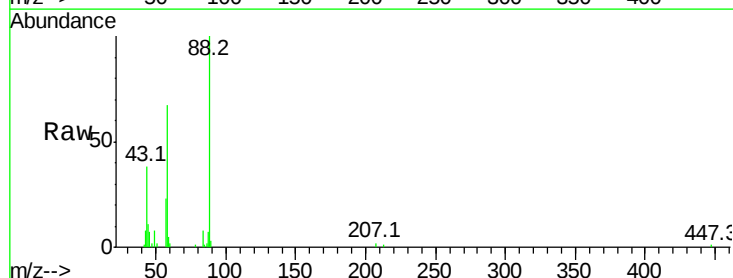
Sohil

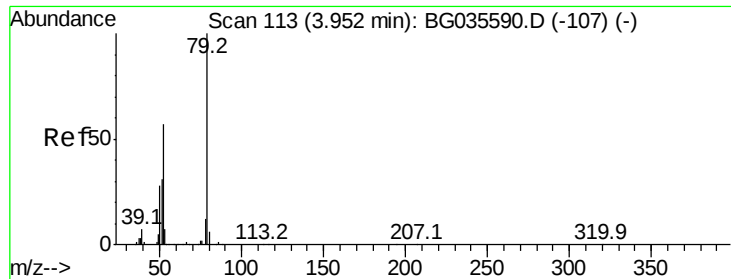
7/24/2018 3:05:50 PM



#2
 1,4-Dioxane
 Concen: 22.653 ng
 RT: 3.52 min Scan# 39
 Delta R.T. -0.02 min
 Lab File: BG035833.D
 Acq: 23 Jul 2018 18:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.5	79.6	119.4#
43	32.5	27.4	41.0





#3

Pvridine

Concen: 0.055 ng

RT: 4.09 min Scan# 137

Delta R.T. 0.17 min

Lab File: BG035833.D

Acq: 23 Jul 2018 18:34

Instrument :

BNA_G

ClientSampleId :

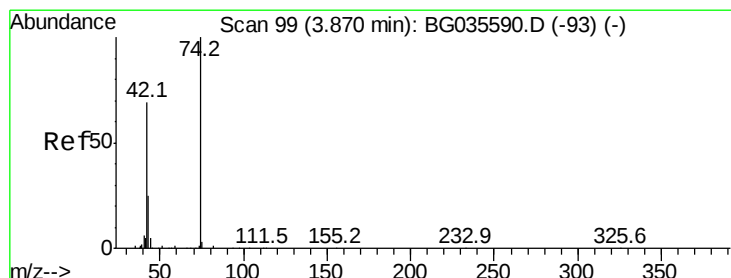
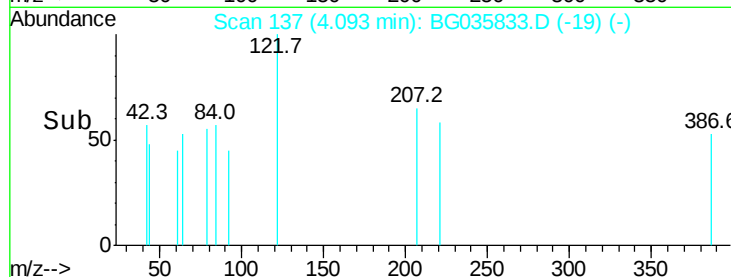
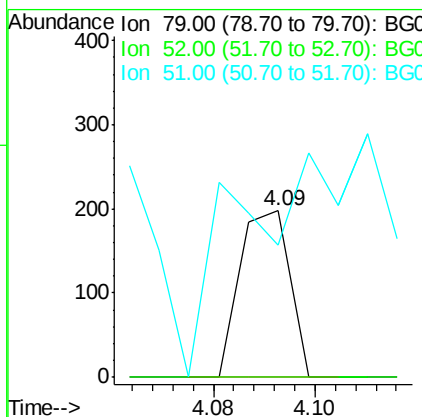
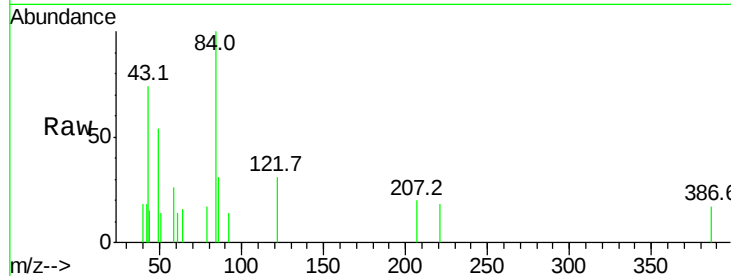
IDOC HP-1

Tot Ion:	79	Resp:	135
Ion Ratio	Lower	Upper	
79	100		
52	0.0	69.9	104.9#
51	79.3	34.0	51.0#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 24.955 ng

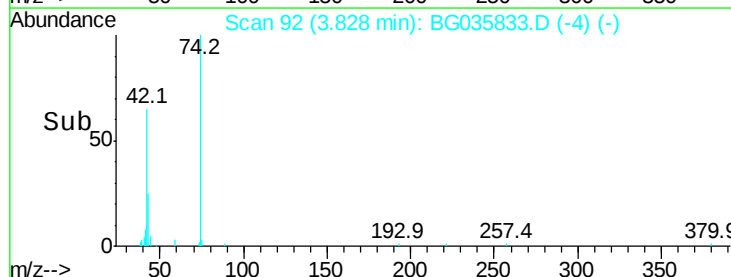
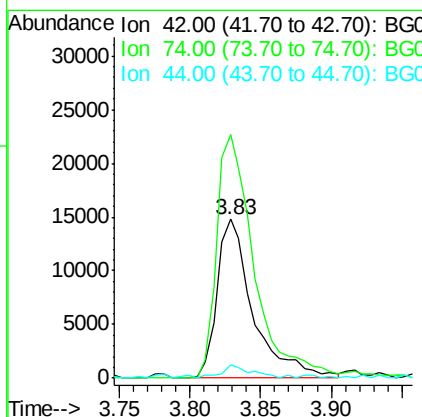
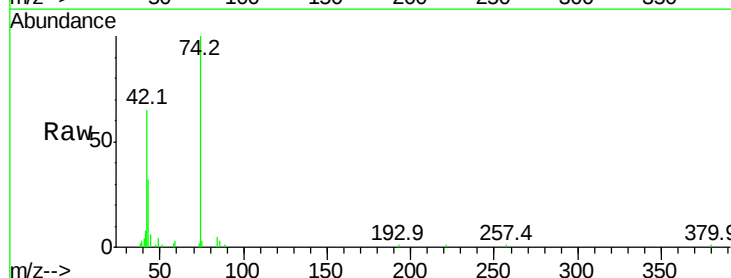
RT: 3.83 min Scan# 92

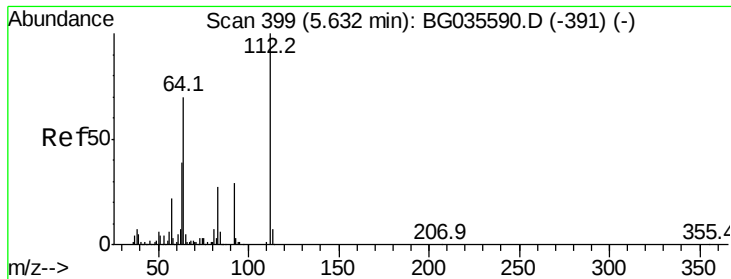
Delta R.T. -0.01 min

Lab File: BG035833.D

Acq: 23 Jul 2018 18:34

Tgt Ion:	42	Resp:	26350
Ion Ratio	Lower	Upper	
42	100		
74	153.3	102.5	153.7
44	8.6	18.9	28.3#





#5

2-Fluorophenol

Concen: 99.129 ng

RT: 5.61 min Scan# 395

Delta R.T. -0.01 min

Lab File: BG035833.D

Acq: 23 Jul 2018 18:34

Instrument :

BNA_G

ClientSampleId :

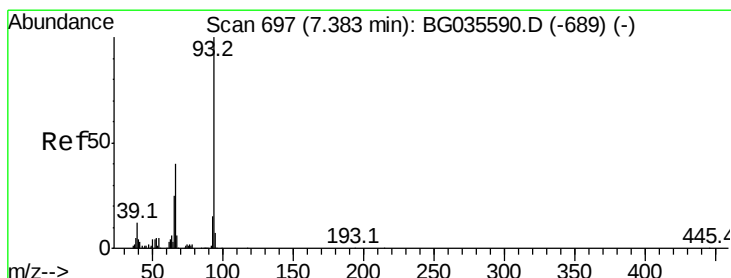
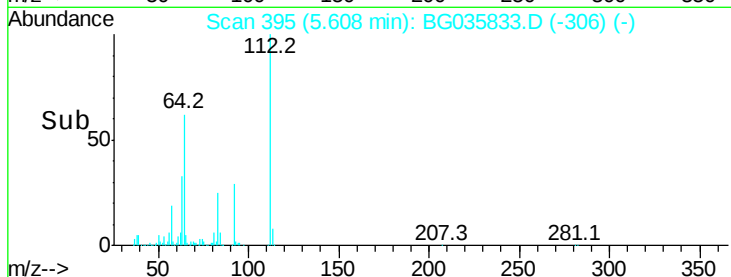
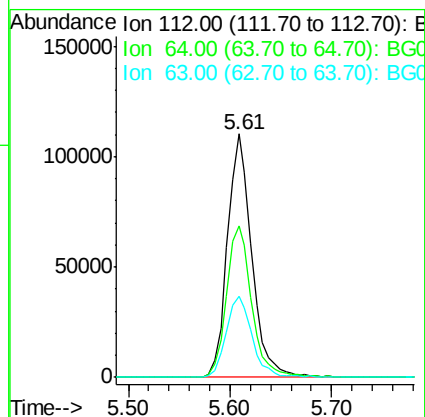
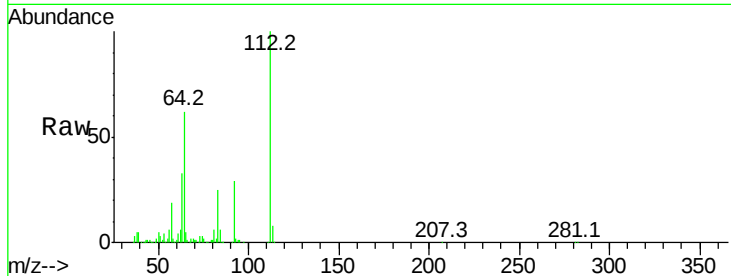
IDOC HP-1

Tot Ion:	112	Resp:	183465
Ion Ratio	Lower	Upper	
112	100		
64	62.1	56.3	84.5
63	33.1	30.1	45.1

Manual Integrations
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#6

Aniline

Concen: 1.963 ng

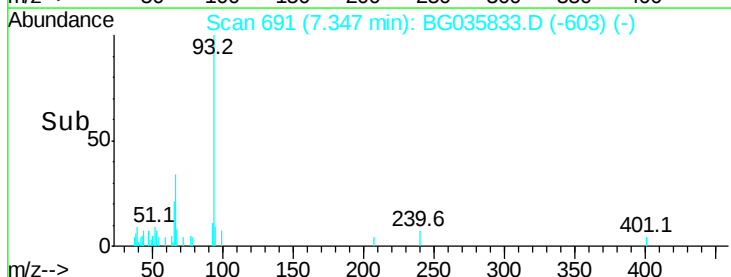
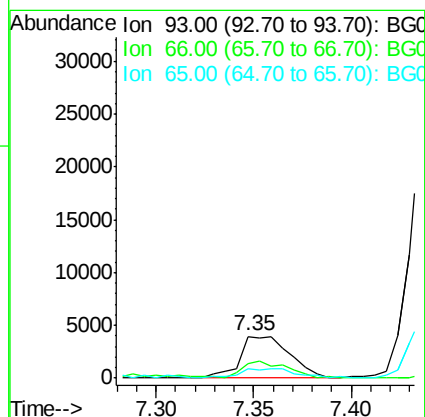
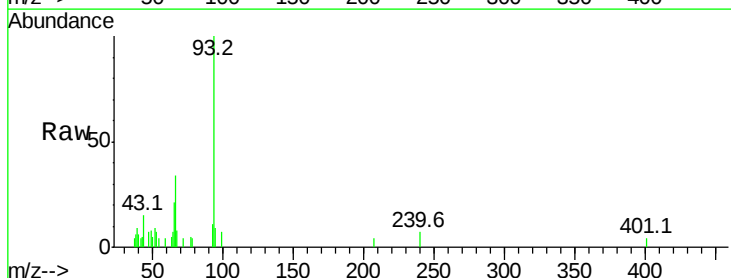
RT: 7.35 min Scan# 691

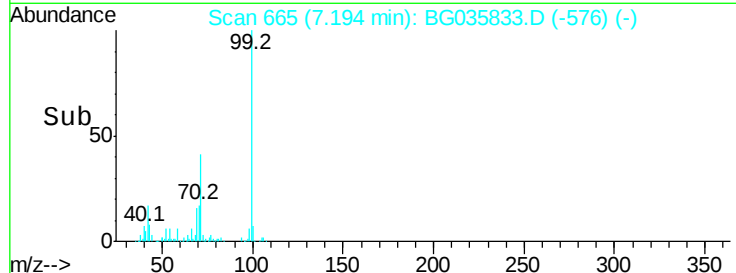
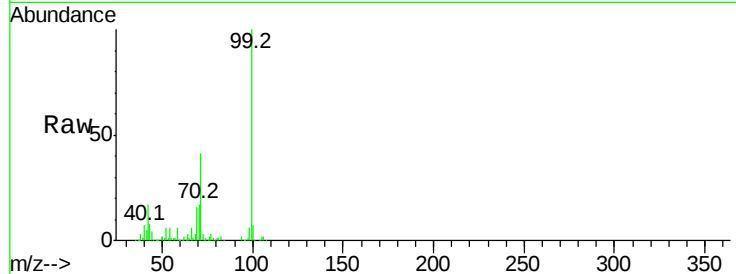
Delta R.T. -0.01 min

Lab File: BG035833.D

Acq: 23 Jul 2018 18:34

Tgt Ion:	93	Resp:	7027
Ion Ratio	Lower	Upper	
93	100		
66	33.5	33.7	50.5#
65	20.9	16.1	24.1





#7

Phenol-d6

Concen: 99.018 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.01 min

Lab File: BG035833.D

Acq: 23 Jul 2018 18:34

Tot Ion:	99	Resp:	273419
Ion Ratio	Lower	Upper	
99	100		
42	16.7	14.1	21.1
71	41.4	26.1	39.1#

Instrument :

BNA_G

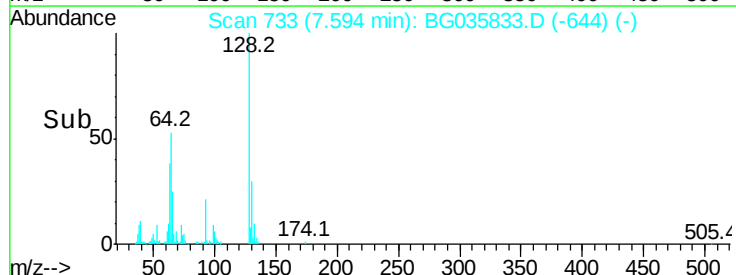
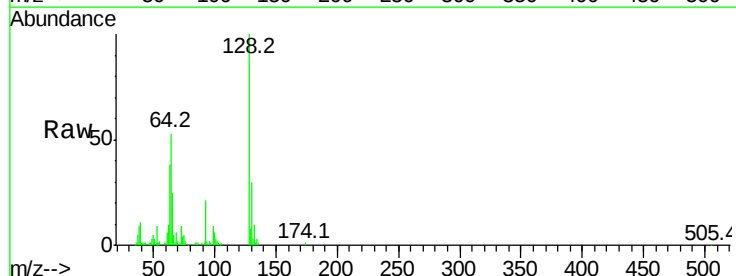
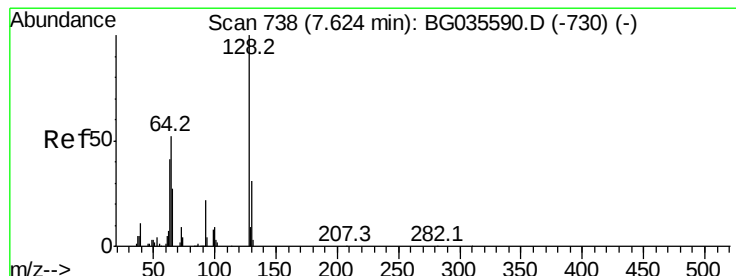
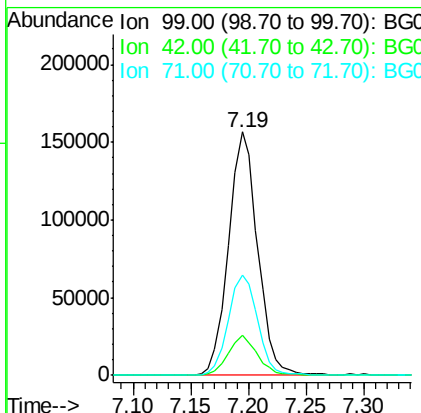
ClientSampleId :

IDOC HP-1

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#8

2-Chlorophenol

Concen: 32.802 ng

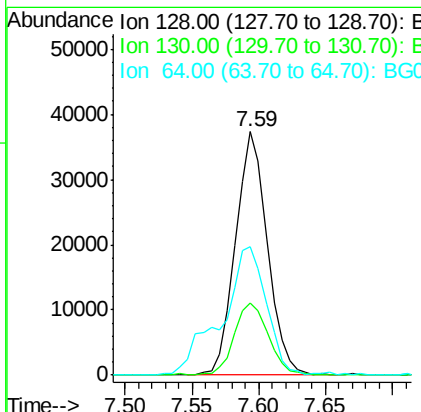
RT: 7.59 min Scan# 733

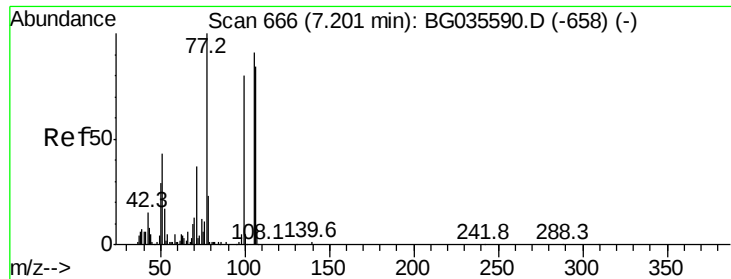
Delta R.T. -0.01 min

Lab File: BG035833.D

Acq: 23 Jul 2018 18:34

Tgt Ion:	128	Resp:	61744
Ion Ratio	Lower	Upper	
128	100		
130	29.7	14.0	54.0
64	52.8	37.7	77.7





#9

Benzaldehyde

Concen: 29.074 ng

RT: 7.17 min Scan# 661

Delta R.T. 0.00 min

Lab File: BG035833.D

Acq: 23 Jul 2018 18:34

Instrument :

BNA_G

ClientSampled :

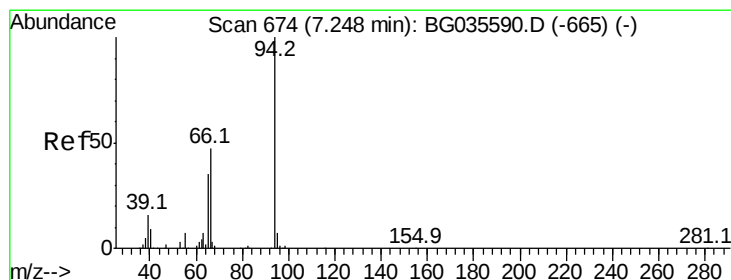
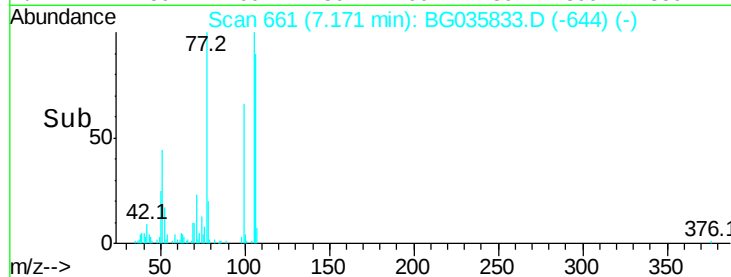
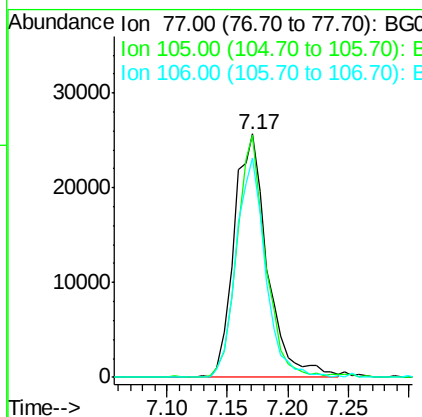
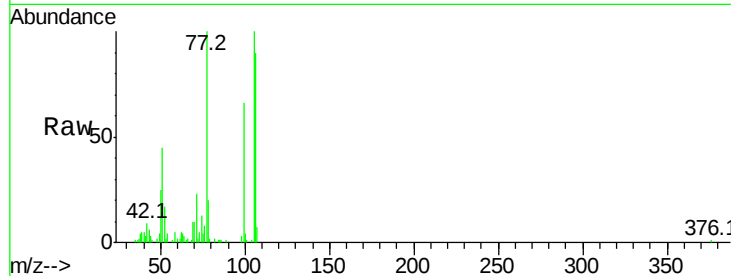
IDOC HP-1

Tot Ion:	77	Resp:	49260
Ion	Ratio	Lower	Upper
77	100		
105	99.7	71.3	111.3
106	90.2	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 33.487 ng

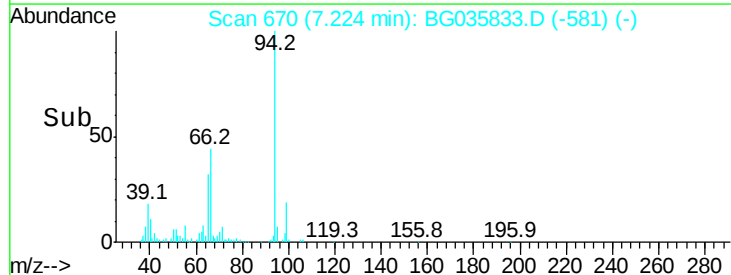
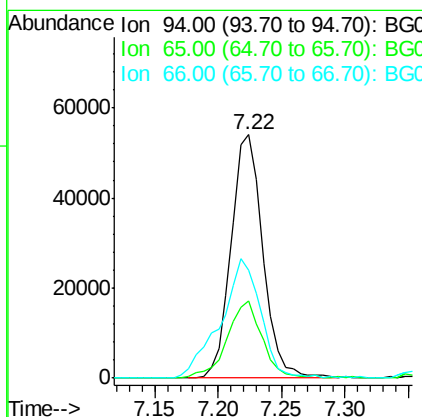
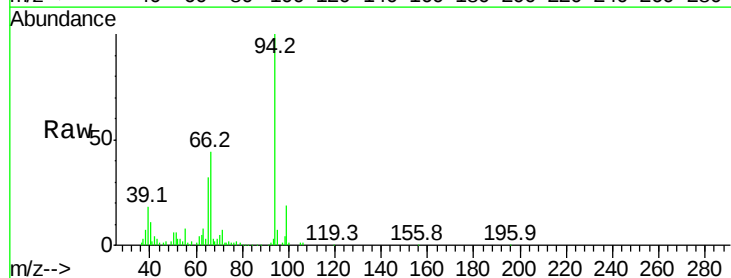
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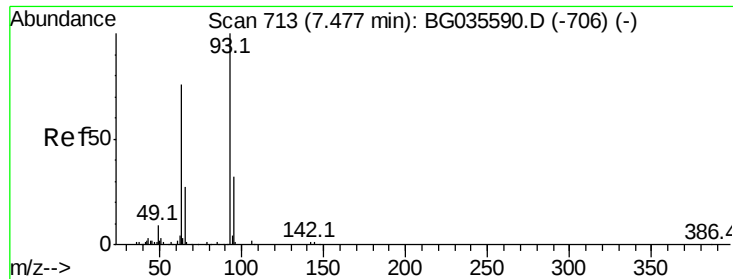
Delta R.T. -0.01 min

Lab File: BG035833.D

Acq: 23 Jul 2018 18:34

Tgt Ion:	94	Resp:	93420
Ion	Ratio	Lower	Upper
94	100		
65	31.8	11.9	51.9
66	44.3	22.2	62.2





#11
bis(2-Chloroethyl)ether
Concen: 28.347 ng
RT: 7.45 min Scan# 708
Delta R.T. -0.01 min
Lab File: BG035833.D
Acq: 23 Jul 2018 18:34

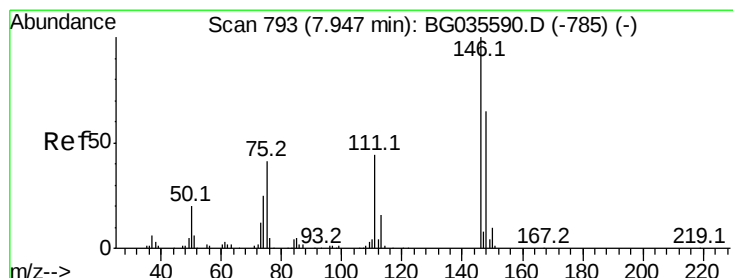
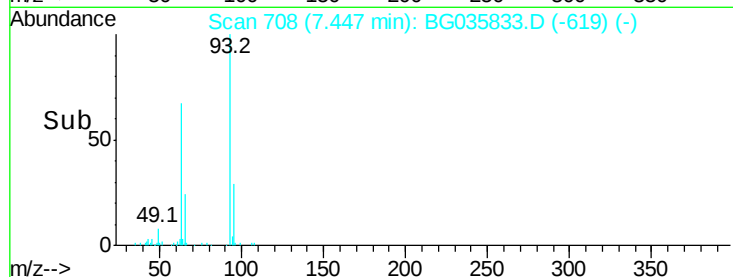
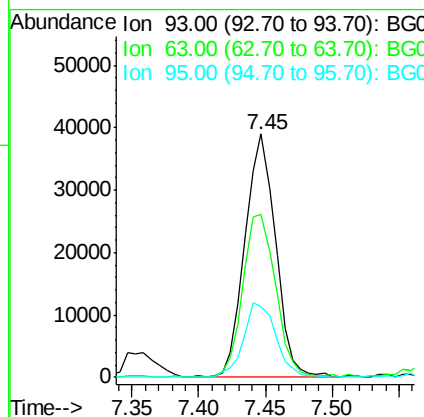
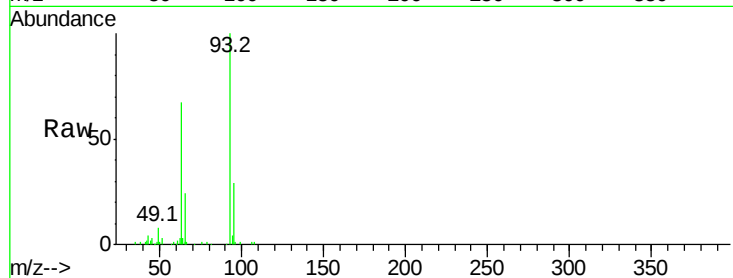
Instrument :
BNA_G
ClientSampleId :
IDOC HP-1

Tot Ion	Ratio	Lower	Upper
93	100		
63	67.0	67.1	107.1#
95	29.3	11.5	51.5

Manual Integrations
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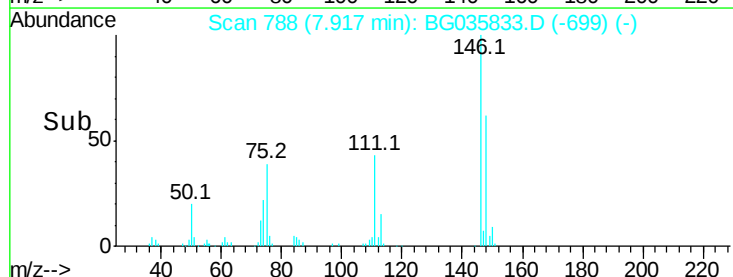
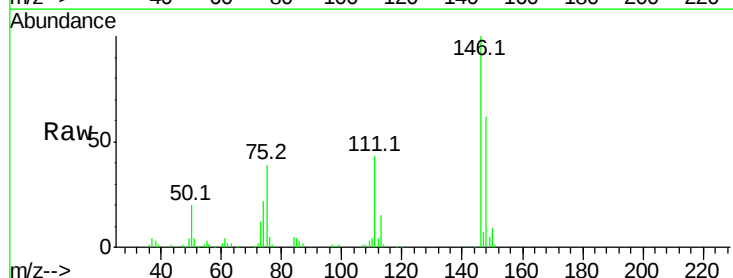
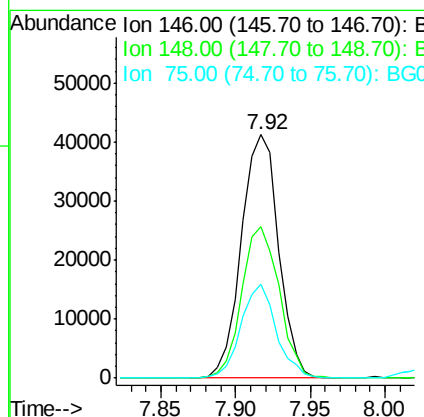
Sohil

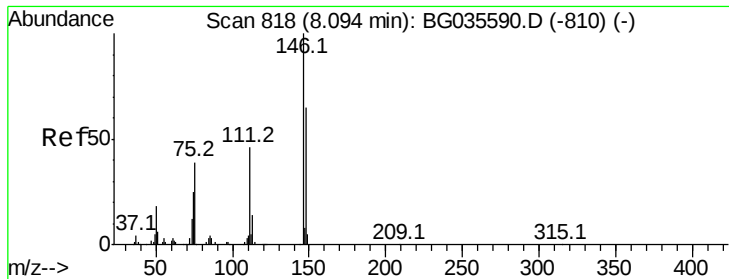
7/24/2018 3:05:50 PM



#12
1,3-Dichlorobenzene
Concen: 31.330 ng
RT: 7.92 min Scan# 788
Delta R.T. -0.01 min
Lab File: BG035833.D
Acq: 23 Jul 2018 18:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	51.4	77.2
75	38.7	26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 31.192 ng

RT: 8.06 min Scan# 813

Delta R.T. 0.00 min

Lab File: BG035833.D

Acq: 23 Jul 2018 18:34

Instrument :

BNA_G

ClientSampleId :

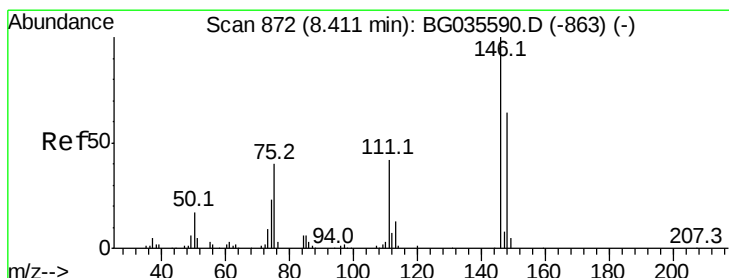
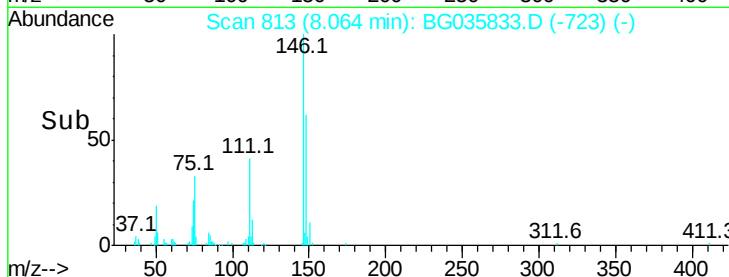
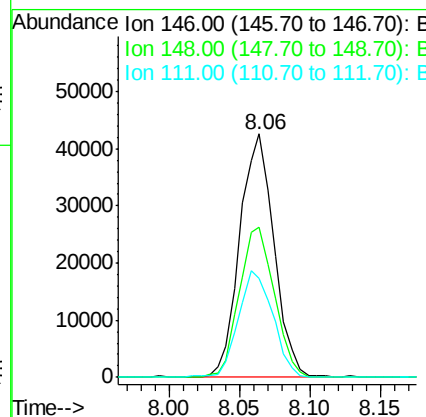
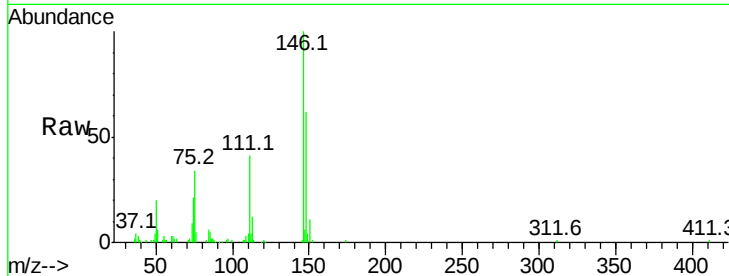
IDOC HP-1

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.5	53.7	80.5
111	40.8	35.2	52.8

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 29.839 ng

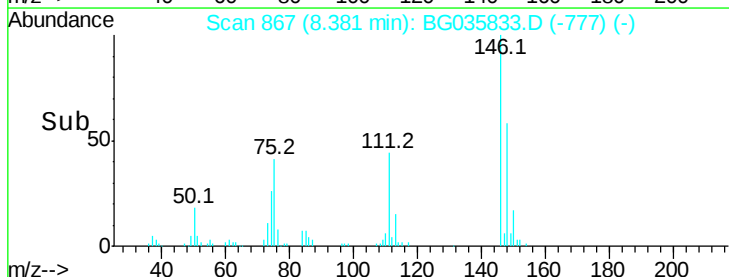
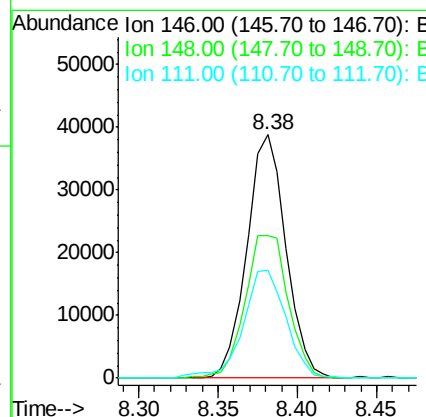
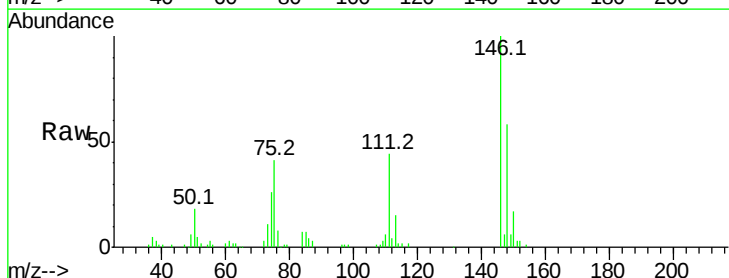
RT: 8.38 min Scan# 867

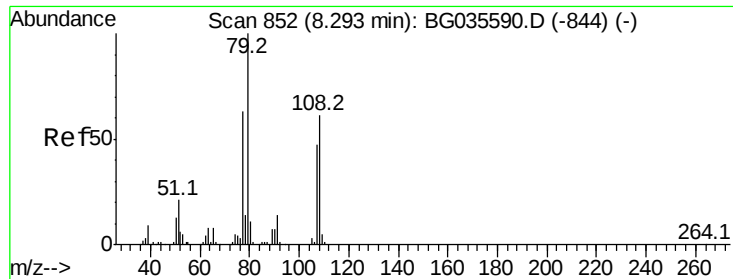
Delta R.T. 0.00 min

Lab File: BG035833.D

Acq: 23 Jul 2018 18:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	58.3	49.3	73.9
111	44.5	34.3	51.5





#15

Benzyl Alcohol

Concen: 27.716 ng

RT: 8.26 min Scan# 847

Delta R.T. -0.01 min

Lab File: BG035833.D

Acq: 23 Jul 2018 18:34

Instrument :

BNA_G

ClientSampled :

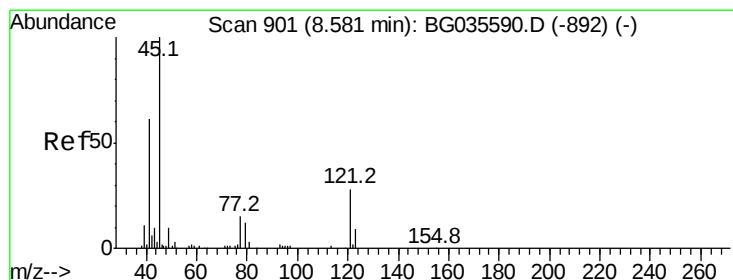
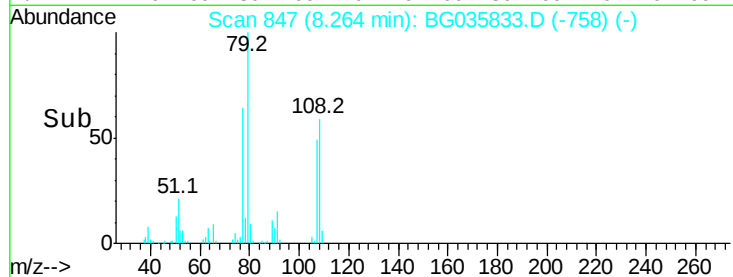
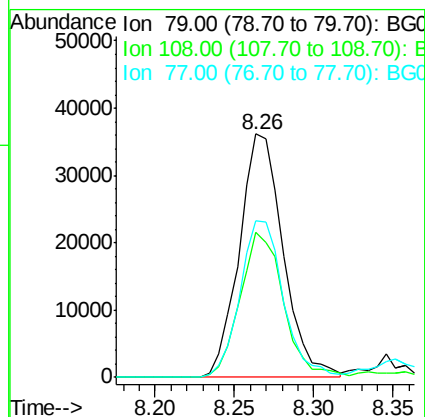
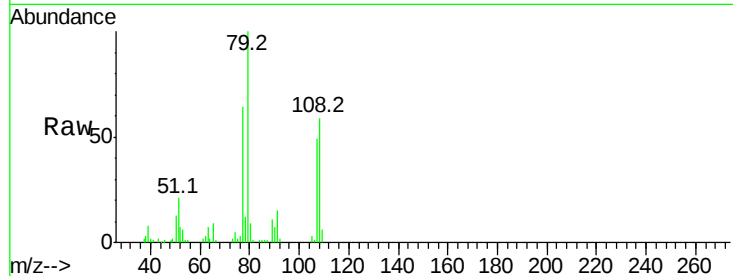
IDOC HP-1

Tot Ion:	79	Resp:	69500
Ion Ratio	Lower	Upper	
79	100		
108	59.4	57.2	85.8
77	64.3	46.1	69.1

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.630 ng

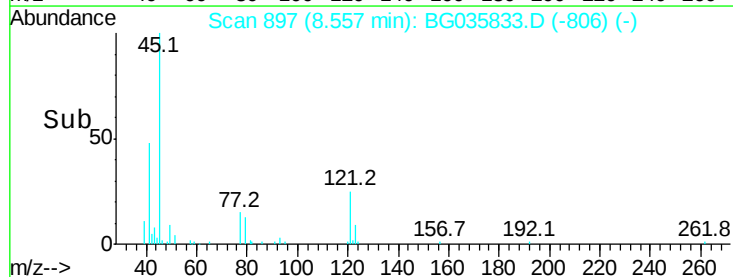
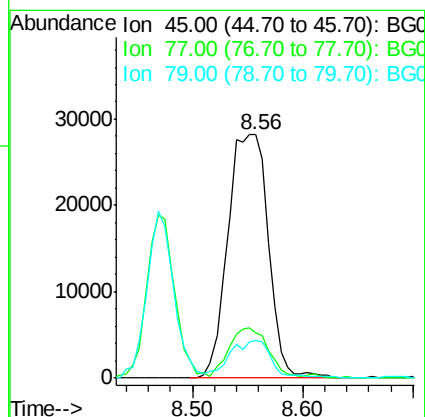
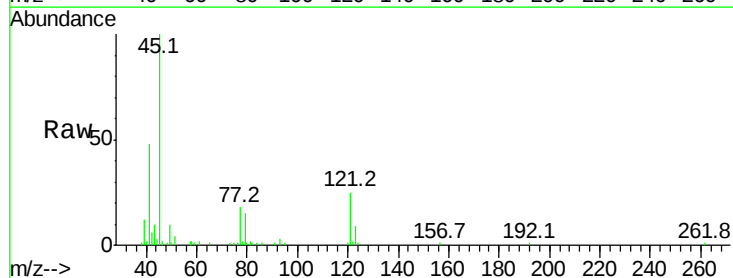
RT: 8.56 min Scan# 897

Delta R.T. 0.01 min

Lab File: BG035833.D

Acq: 23 Jul 2018 18:34

Tgt Ion:	45	Resp:	72588
Ion Ratio	Lower	Upper	
45	100		
77	18.3	0.0	30.2
79	15.2	0.0	27.9





#17

2-Methylphenol

Concen: 31.092 ng

RT: 8.47 min Scan# 882

Delta R.T. 0.00 min

Lab File: BG035833.D

Acq: 23 Jul 2018 18:34

Instrument :

BNA_G

ClientSampleId :

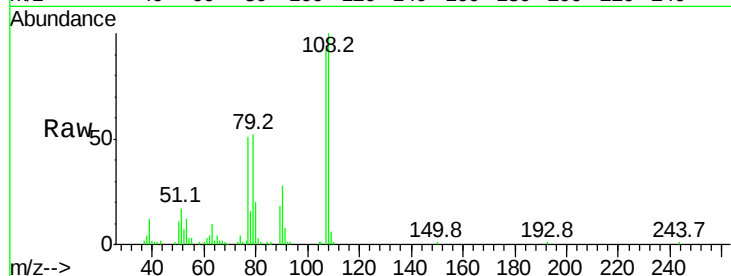
IDOC HP-1

Tot Ion:	107	Resp:	58974
Ion	Ratio	Lower	Upper
107	100		
108	108.4	83.9	125.9
77	55.1	37.2	55.8
79	56.4	36.2	54.2

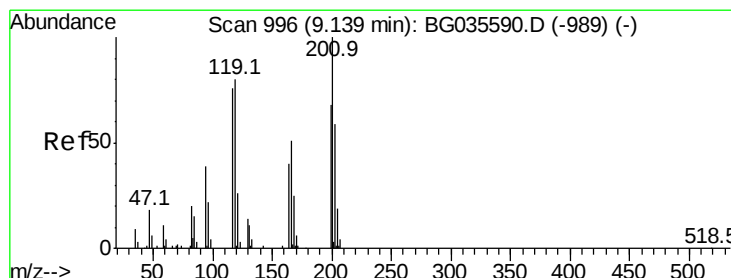
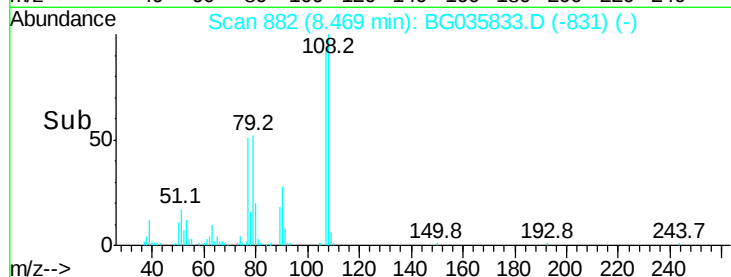
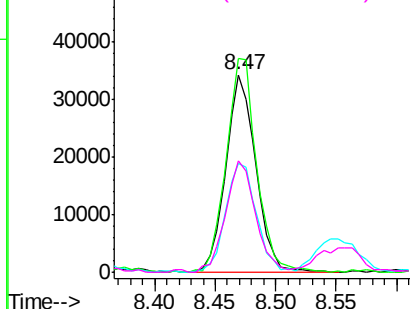
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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 31.401 ng

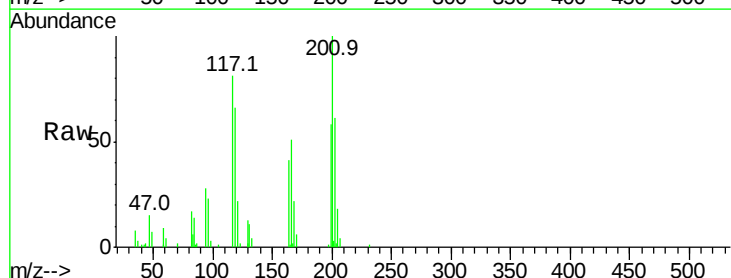
RT: 9.10 min Scan# 990

Delta R.T. -0.01 min

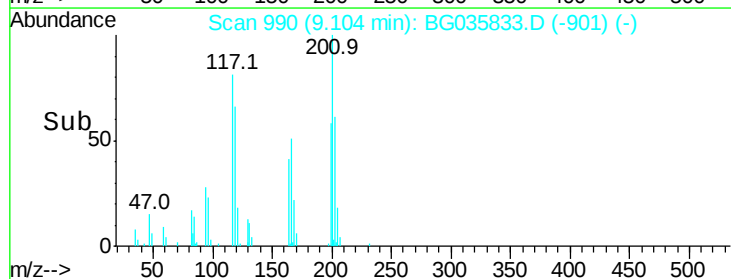
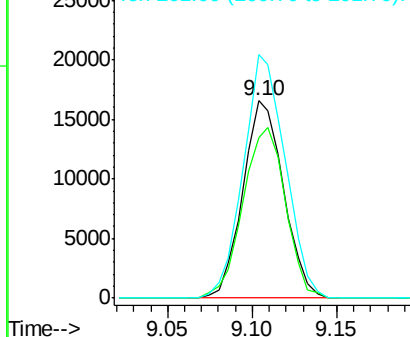
Lab File: BG035833.D

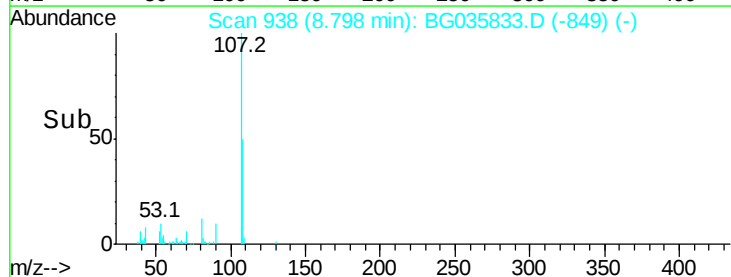
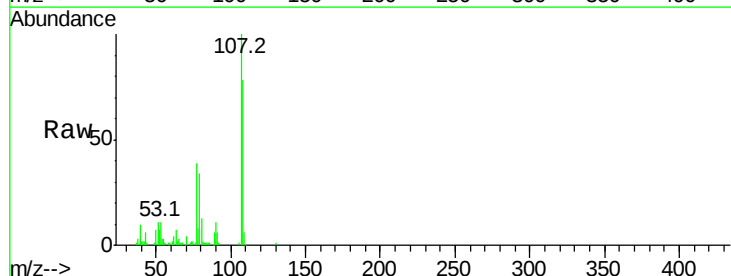
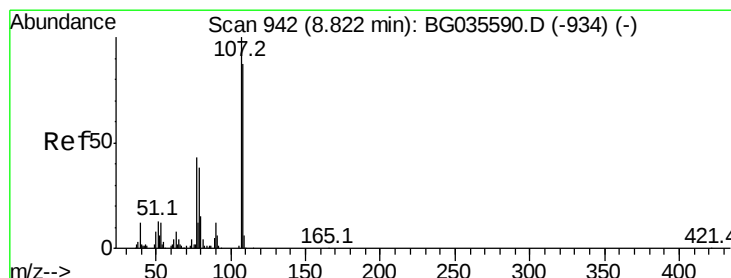
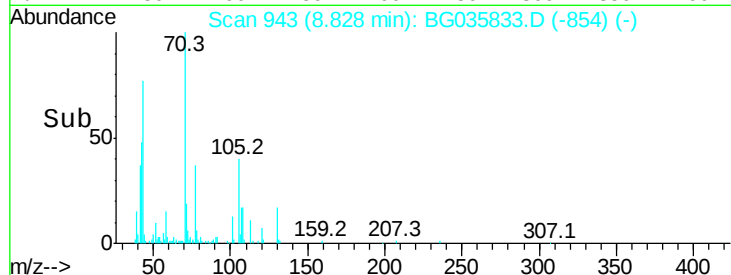
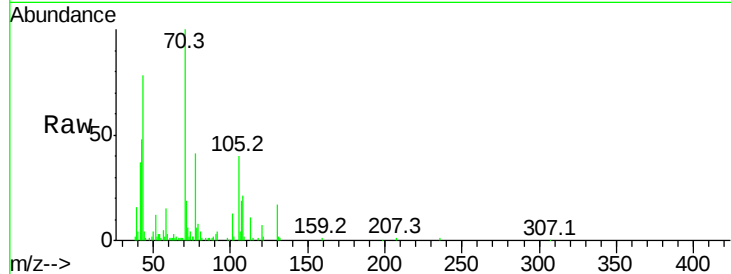
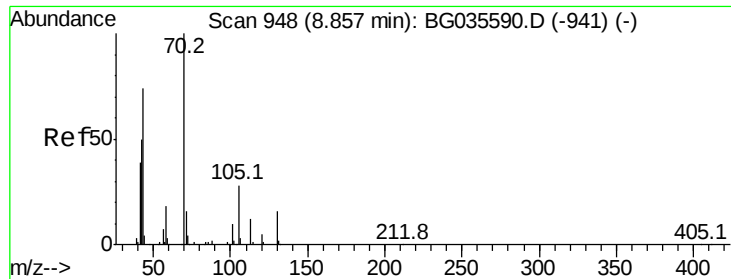
Acq: 23 Jul 2018 18:34

Tgt Ion:	117	Resp:	27729
Ion	Ratio	Lower	Upper
117	100		
119	81.6	76.7	115.1
201	123.6	95.7	143.5



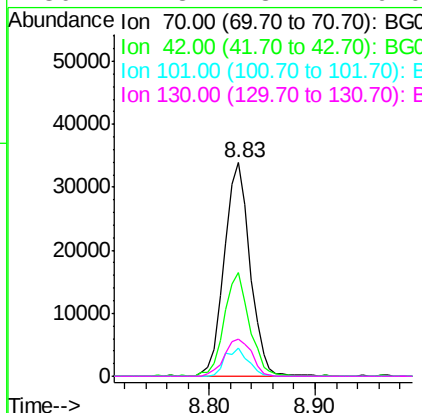
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 24.618 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.01 min
Lab File: BG035833.D
Acq: 23 Jul 2018 18:34

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	48.4	49.1	73.7#	
101	13.2	8.5	12.7#	
130	17.3	13.4	20.0	



Instrument :
BNA_G
ClientSampleId :
IDOC HP-1

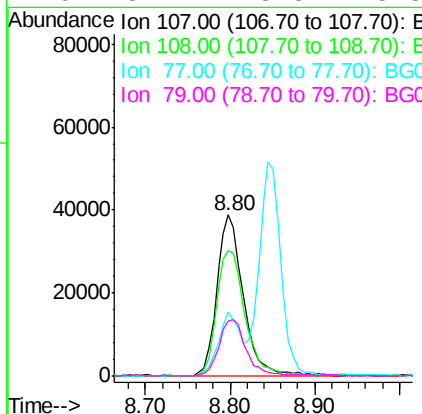
Manual Integrations
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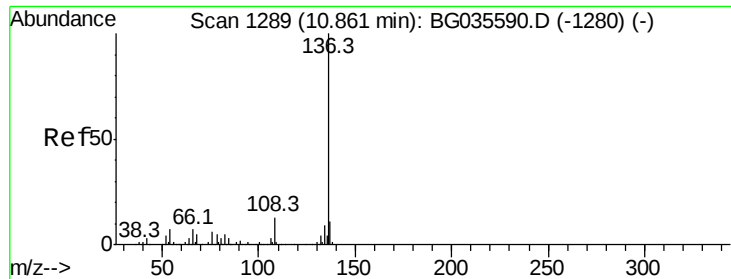
Sohil

7/24/2018 3:05:50 PM

#20
3+4-Methylphenols
Concen: 32.111 ng
RT: 8.80 min Scan# 938
Delta R.T. -0.01 min
Lab File: BG035833.D
Acq: 23 Jul 2018 18:34

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	78.1	61.6	101.6	
77	39.5	13.9	53.9	
79	34.2	8.8	48.8	





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BG035833.D
Acq: 23 Jul 2018 18:34

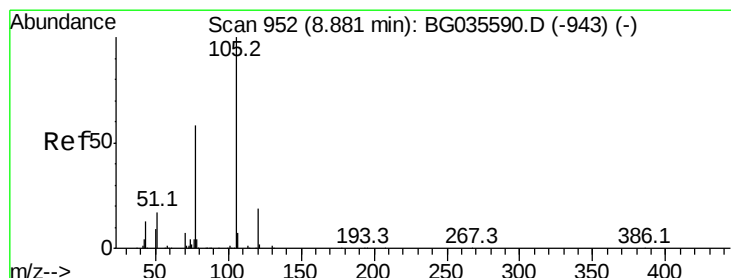
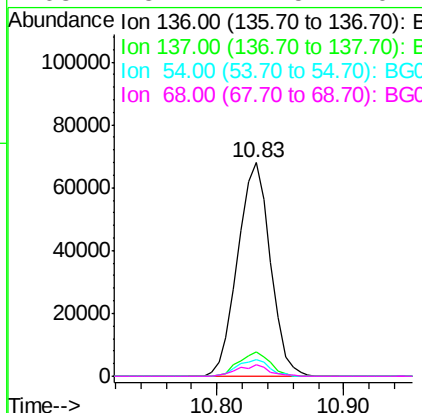
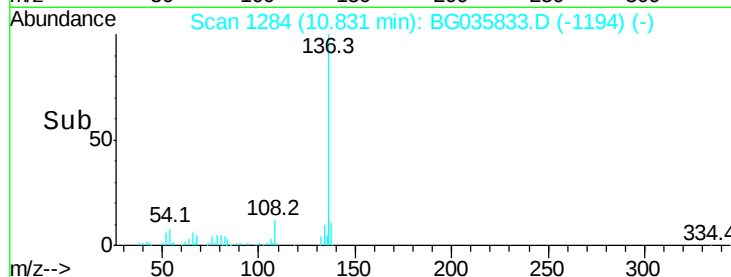
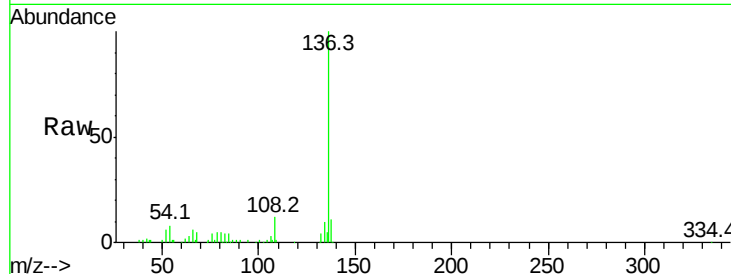
Instrument :
BNA_G
ClientSampleId :
IDOC HP-1

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	9.2	13.8	
54	7.8	10.3	15.5	
68	5.2	4.5	6.7	

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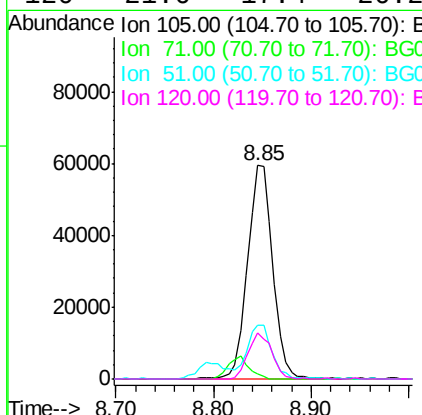
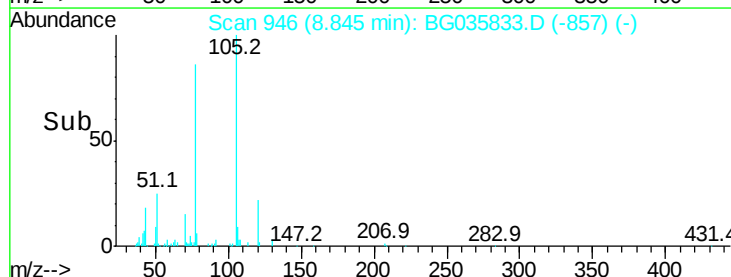
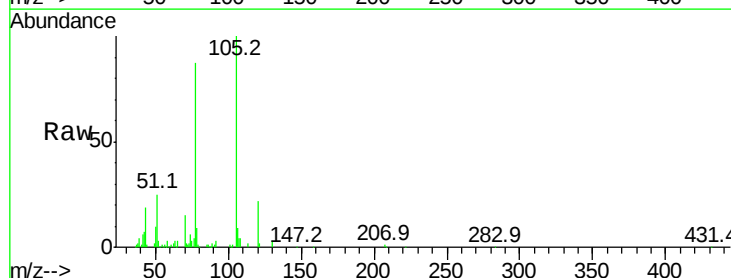
Sohil

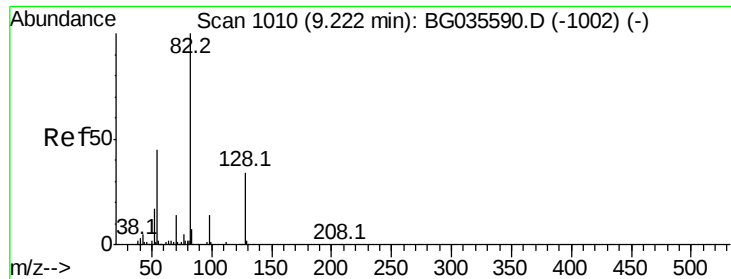
7/24/2018 3:05:50 PM



#22
Acetophenone
Concen: 28.618 ng
RT: 8.85 min Scan# 946
Delta R.T. -0.01 min
Lab File: BG035833.D
Acq: 23 Jul 2018 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.3	3.0	4.4	
51	25.1	26.1	39.1	
120	21.6	17.4	26.2	





#23
Nitrobenzene-d5
Concen: 60.677 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG035833.D
Acq: 23 Jul 2018 18:34

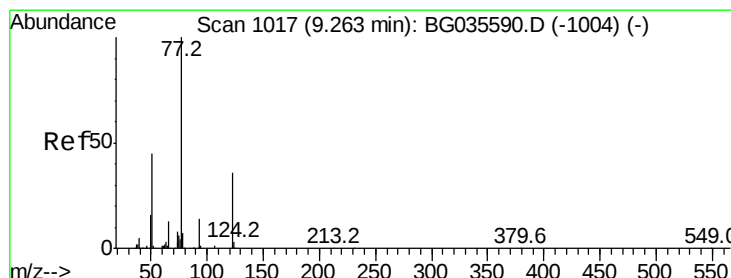
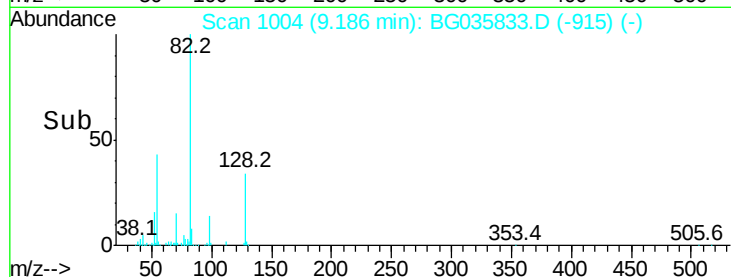
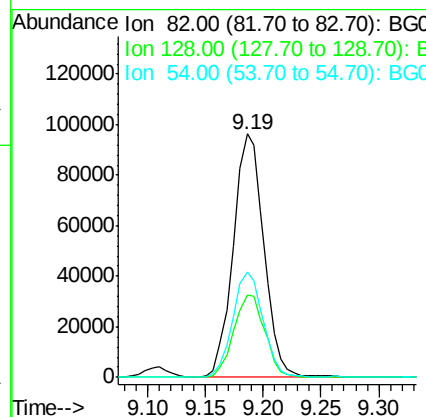
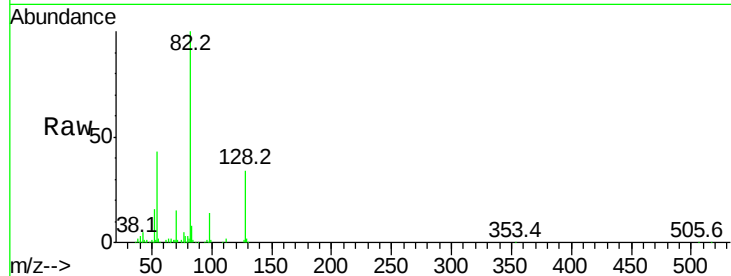
Instrument :
BNA_G
ClientSampleId :
IDOC HP-1

Tot Ion	82	Resp	176443
Ion Ratio	Lower	Upper	
82	100		
128	33.7	29.7	44.5
54	43.0	43.1	64.7#

Manual Integrations
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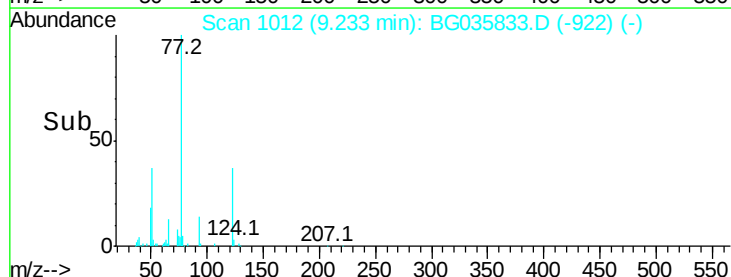
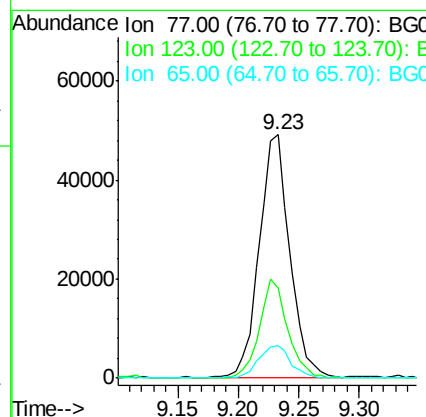
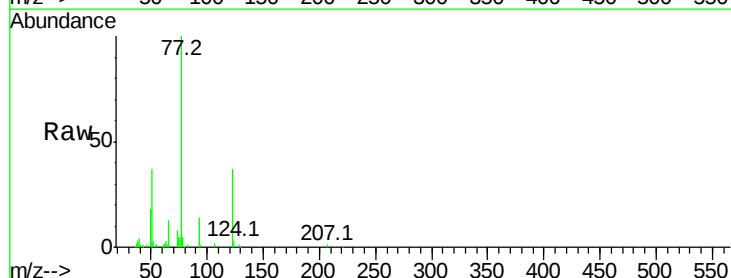
Sohil

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#24
Nitrobenzene
Concen: 29.664 ng
RT: 9.23 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BG035833.D
Acq: 23 Jul 2018 18:34

Tgt Ion	77	Resp	86751
Ion Ratio	Lower	Upper	
77	100		
123	37.2	33.0	49.6
65	13.5	13.0	19.6





#25

Isophorone

Concen: 30.284 ng

RT: 9.75 min Scan# 1100

Delta R.T. -0.01 min

Lab File: BG035833.D

Acq: 23 Jul 2018 18:34

Instrument :

BNA_G

ClientSampleId :

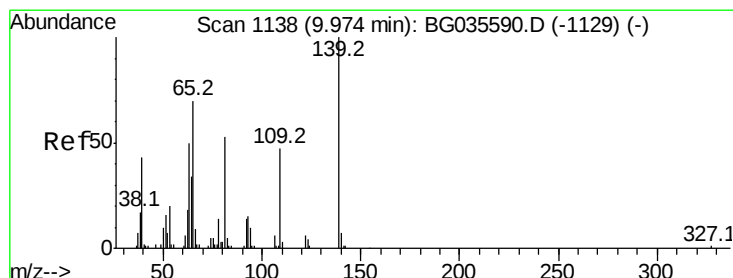
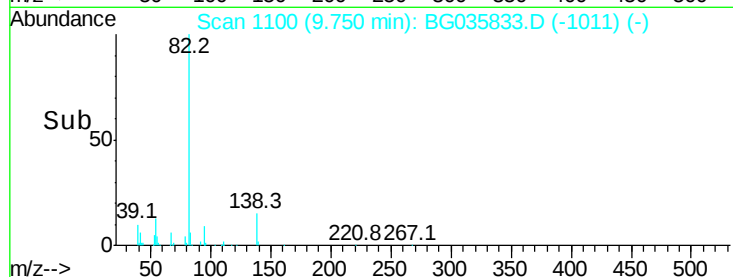
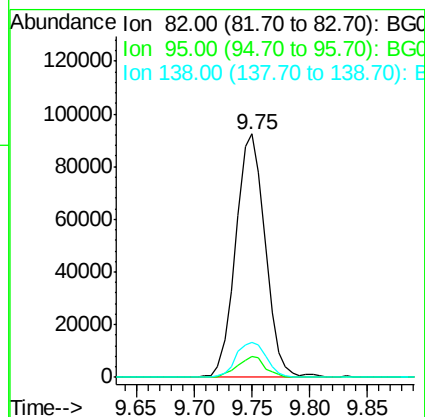
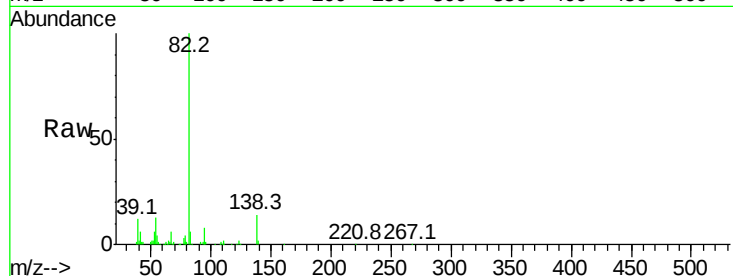
IDOC HP-1

Tot Ion:	82	Resp:	163474
Ion Ratio	Lower	Upper	
82	100		
95	8.5	6.2	9.2
138	14.4	12.1	18.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 34.199 ng

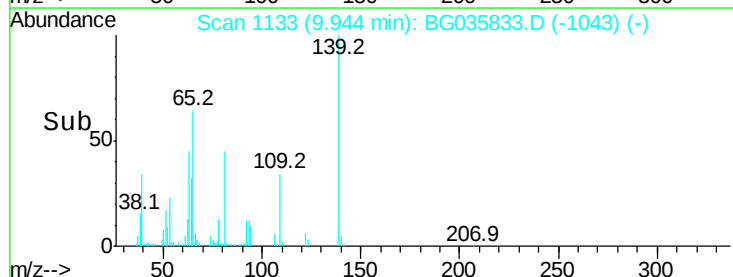
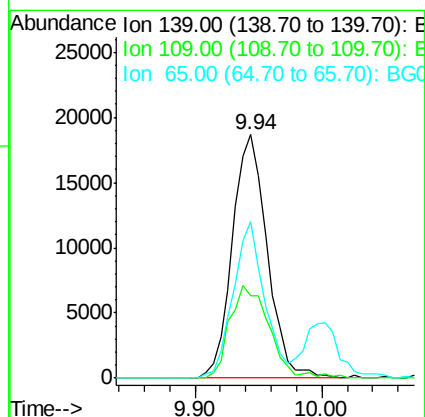
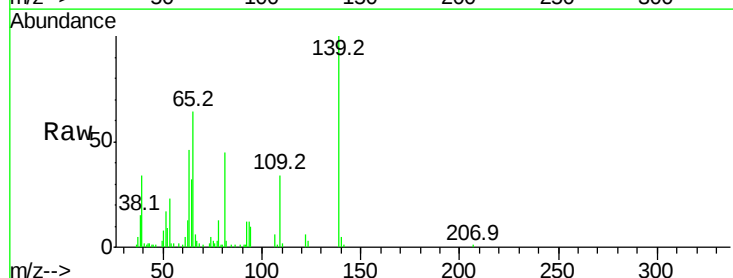
RT: 9.94 min Scan# 1133

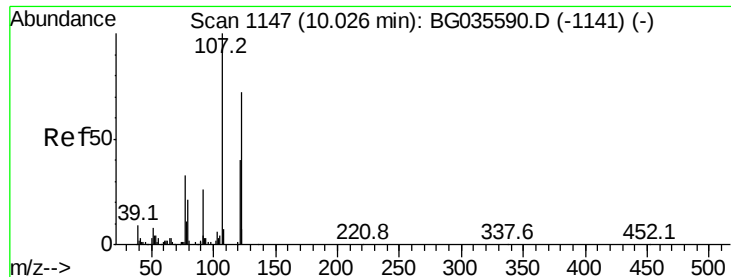
Delta R.T. 0.00 min

Lab File: BG035833.D

Acq: 23 Jul 2018 18:34

Tgt Ion:	139	Resp:	35520
Ion Ratio	Lower	Upper	
139	100		
109	33.6	24.2	36.2
65	64.2	47.4	71.0





#27
2,4-Dimethylphenol
Concen: 35.167 ng
RT: 10.00 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BG035833.D
Acq: 23 Jul 2018 18:34

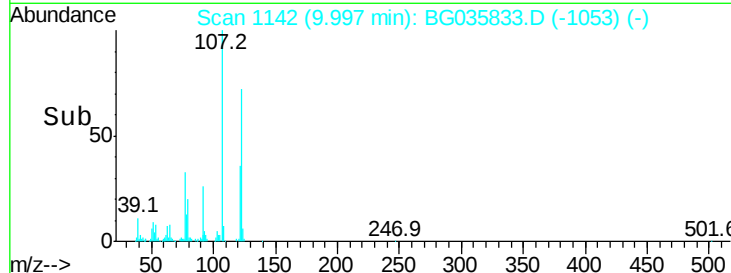
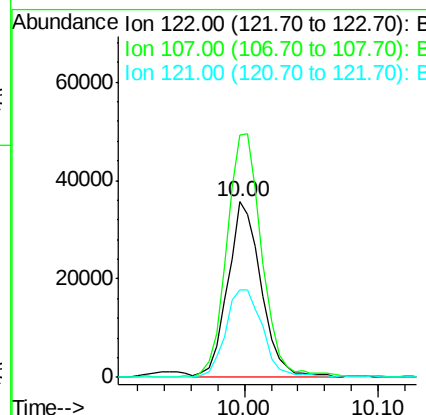
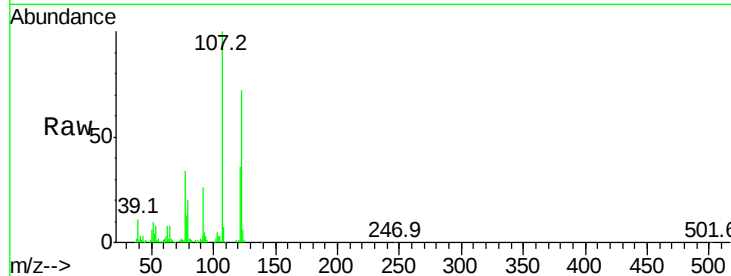
Instrument :
BNA_G
ClientSampleId :
IDOC HP-1

Tot Ion	Ratio	Lower	Upper
122	100		
107	138.5	100.2	150.2
121	49.8	44.4	66.6

Manual Integrations
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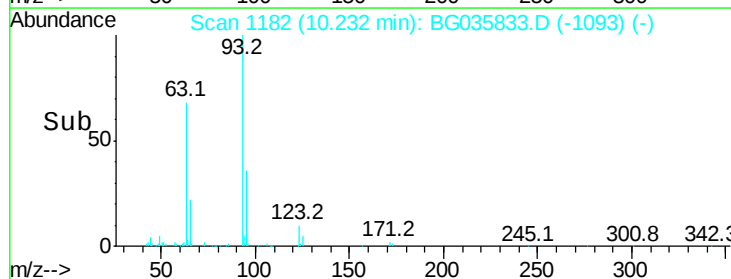
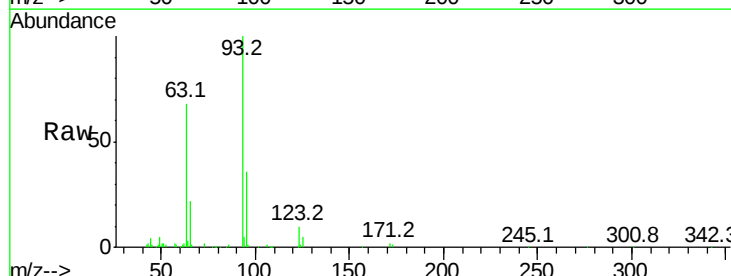
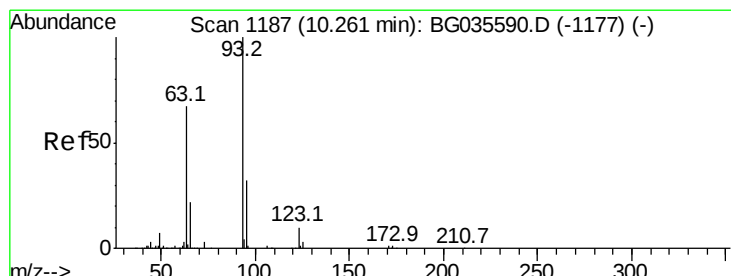
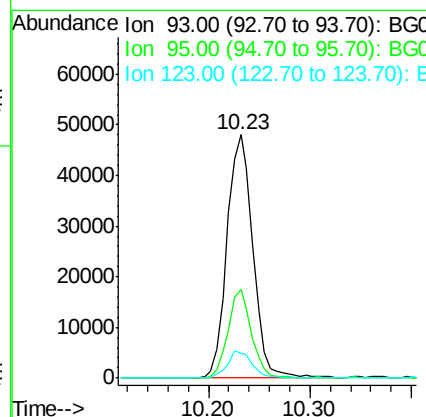
Sohil

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#28
bis(2-Chloroethoxy)methane
Concen: 28.600 ng
RT: 10.23 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BG035833.D
Acq: 23 Jul 2018 18:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	36.3	24.3	36.5
123	10.4	8.4	12.6





#29
2,4-Dichlorophenol
Concen: 35.090 ng
RT: 10.48 min Scan# 1225
Delta R.T. 0.00 min
Lab File: BG035833.D
Acq: 23 Jul 2018 18:34

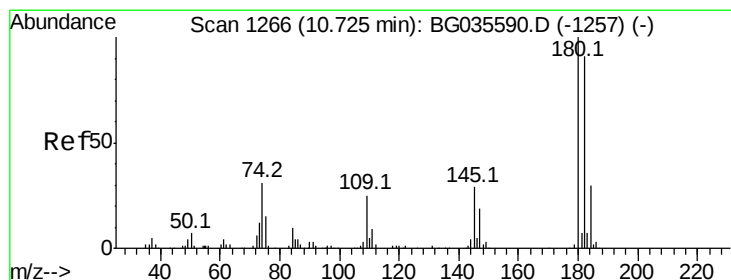
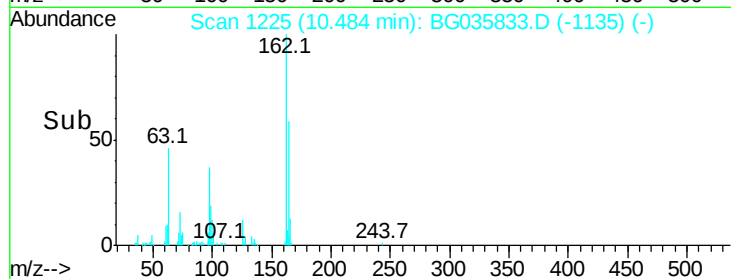
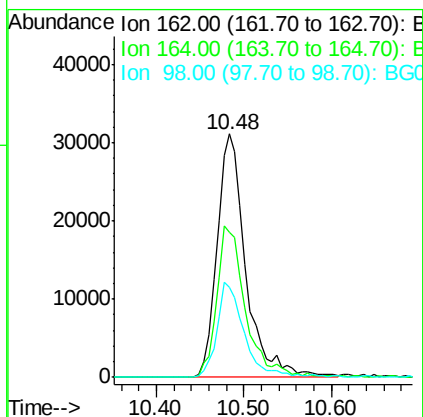
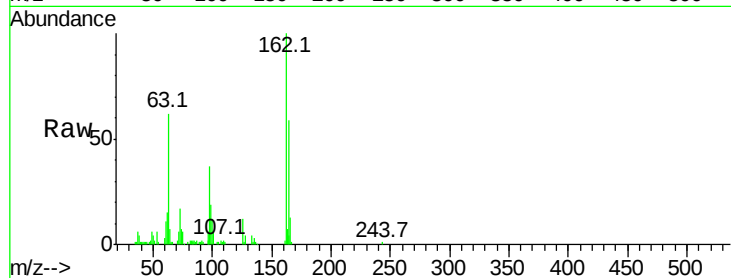
Instrument :
BNA_G
ClientSampleId :
IDOC HP-1

Tot Ion	Ratio	Lower	Upper
162	100		
164	59.5	48.0	88.0
98	37.2	21.1	61.1

Manual Integrations
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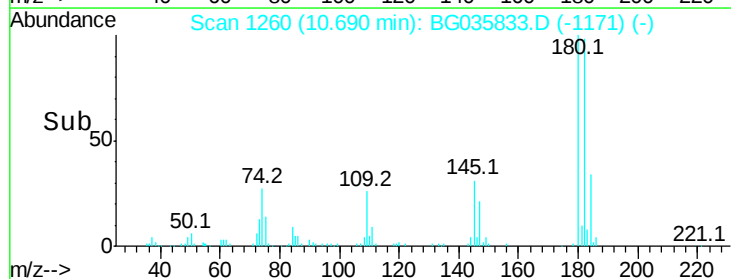
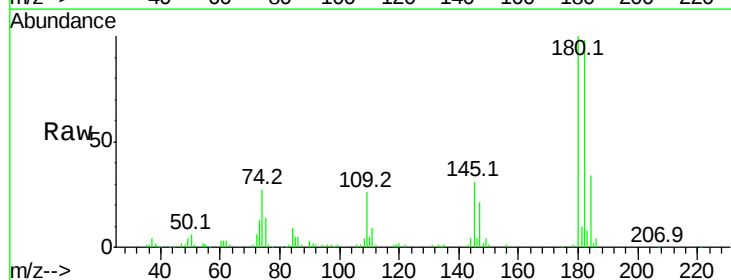
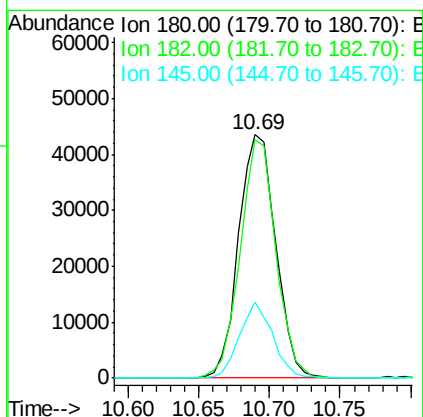
Sohil

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#30
1,2,4-Trichlorobenzene
Concen: 32.479 ng
RT: 10.69 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BG035833.D
Acq: 23 Jul 2018 18:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.9	77.5	116.3
145	31.4	23.4	35.2





#31
Naphthalene
Concen: 31.270 ng
RT: 10.88 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BG035833.D
Acq: 23 Jul 2018 18:34

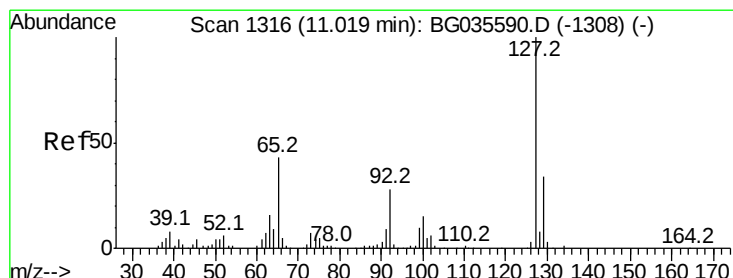
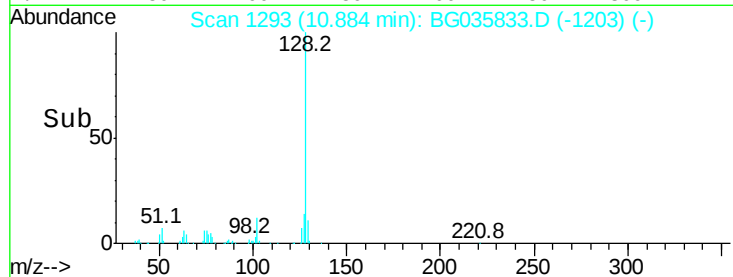
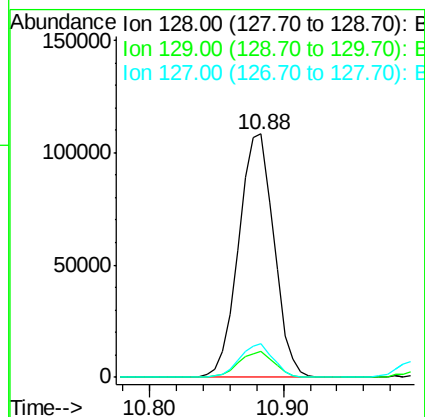
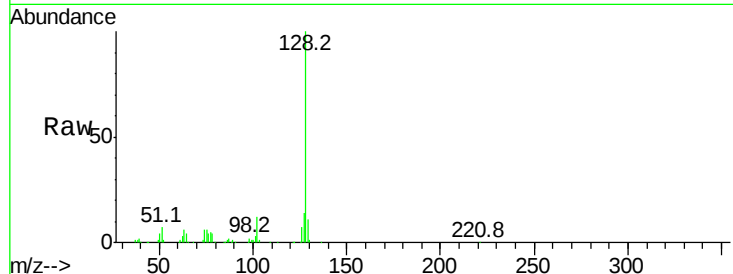
Instrument :
BNA_G
ClientSampled :
IDOC HP-1

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.7	8.6	12.8	
127	13.9	11.6	17.4	

Manual Integrations
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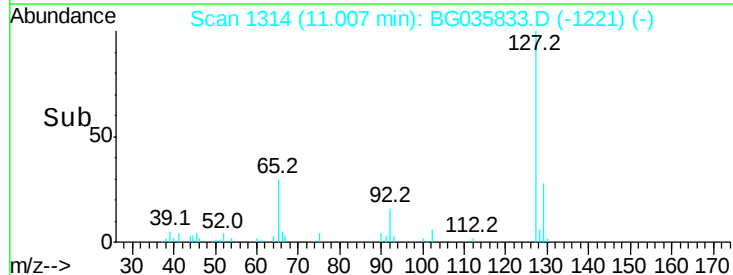
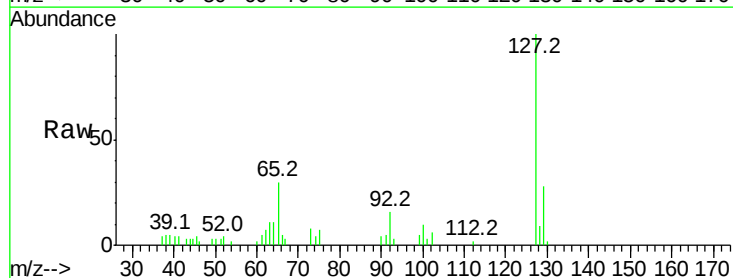
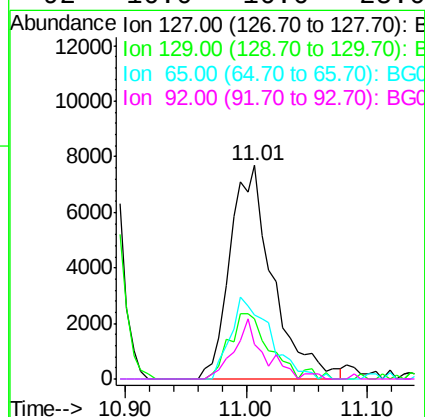
Sohil

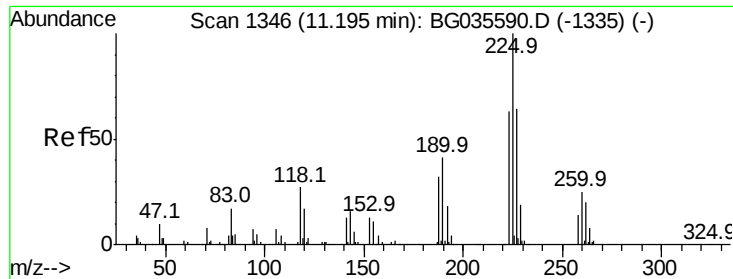
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#33
4-Chloroaniline
Concen: 6.821 ng
RT: 11.01 min Scan# 1314
Delta R.T. 0.02 min
Lab File: BG035833.D
Acq: 23 Jul 2018 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	28.1	24.0	36.0	
65	30.0	27.0	40.4	
92	16.0	16.6	25.0	#





#34

Hexachlorobutadiene

Concen: 31.332 ng

RT: 11.16 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BG035833.D

Acq: 23 Jul 2018 18:34

Instrument :

BNA_G

ClientSampled :

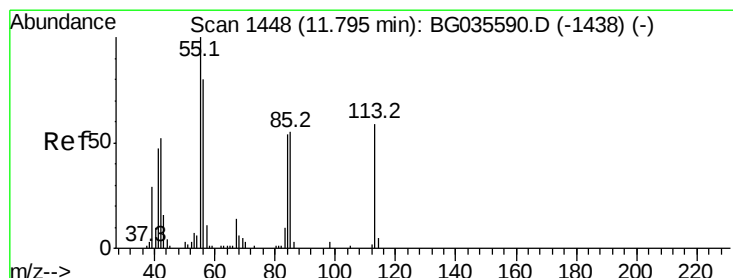
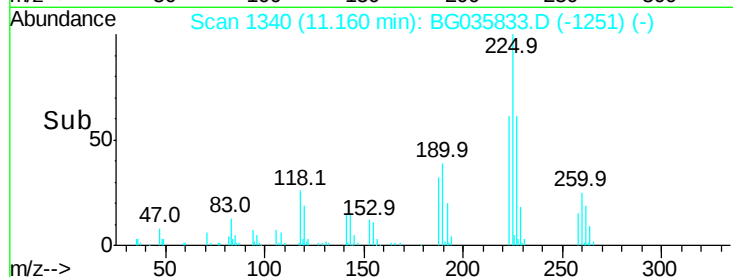
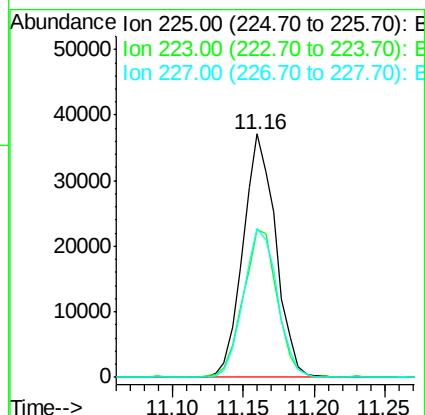
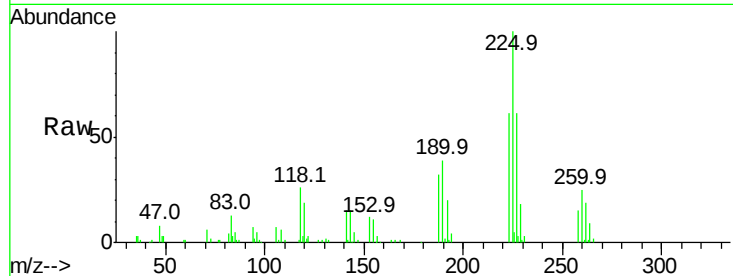
IDOC HP-1

Tot Ion:	225	Resp:	60125
Ion Ratio	Lower	Upper	
225	100		
223	60.8	49.7	74.5
227	61.3	48.1	72.1

Manual Integrations
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#35

Caprolactam

Concen: 10.645 ng m

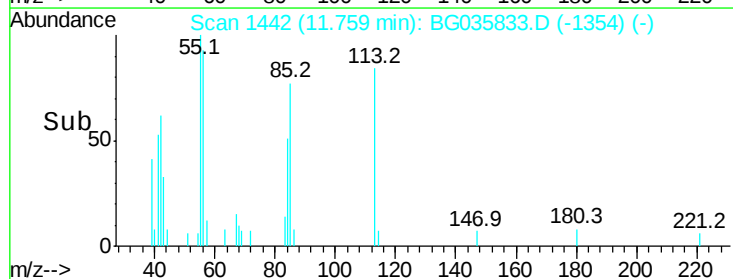
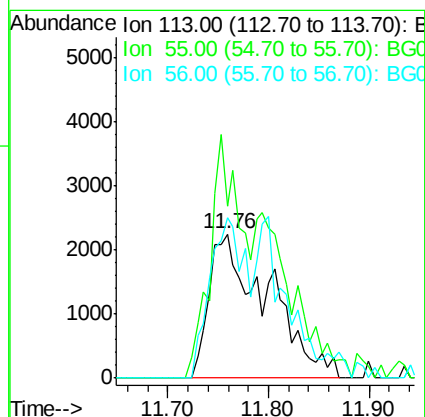
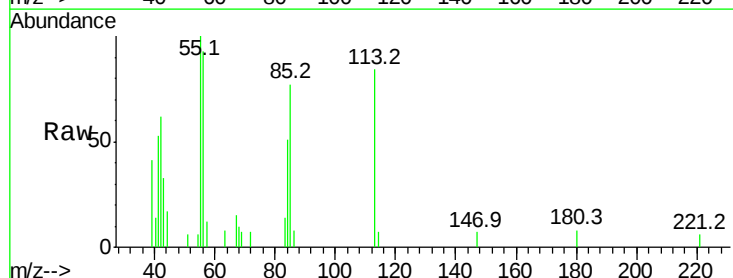
RT: 11.76 min Scan# 1442

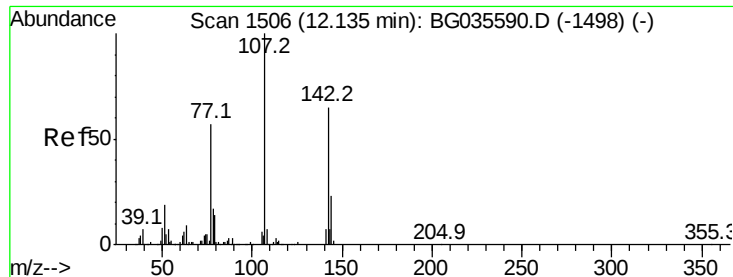
Delta R.T. -0.01 min

Lab File: BG035833.D

Acq: 23 Jul 2018 18:34

Tgt Ion:	113	Resp:	9168
Ion Ratio	Lower	Upper	
113	100		
55	119.4	186.9	226.9#
56	111.0	130.9	170.9#





#36
 4-Chloro-3-methylphenol
 Concen: 32.991 ng
 RT: 12.11 min Scan# 1502
 Delta R.T. 0.00 min
 Lab File: BG035833.D
 Acq: 23 Jul 2018 18:34

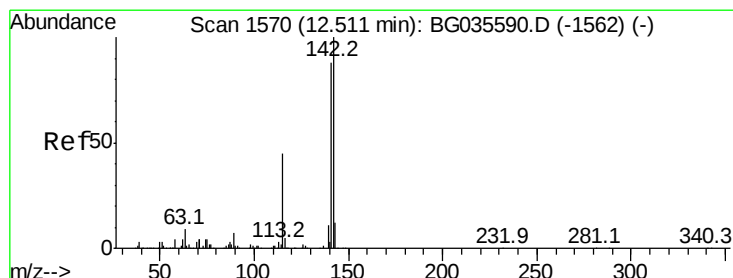
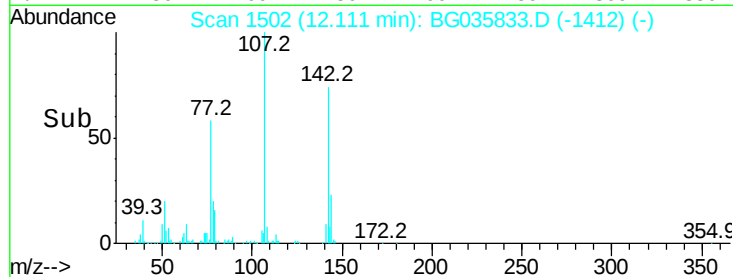
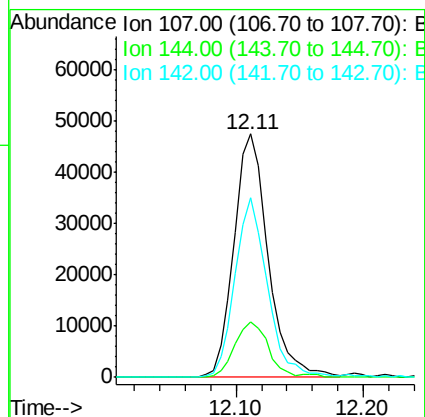
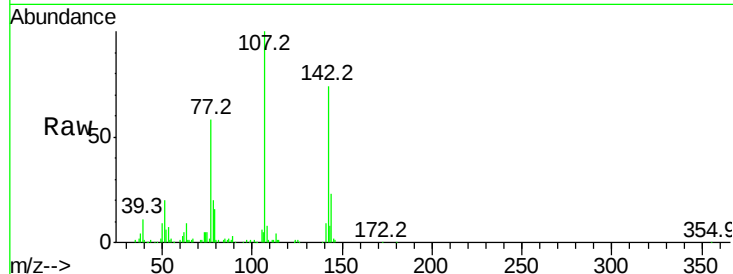
Instrument :
 BNA_G
 ClientSampleId :
 IDOC HP-1

Tot Ion	Ratio	Lower	Upper
107	100		
144	22.7	18.2	27.4
142	73.9	59.0	88.4

Manual Integrations
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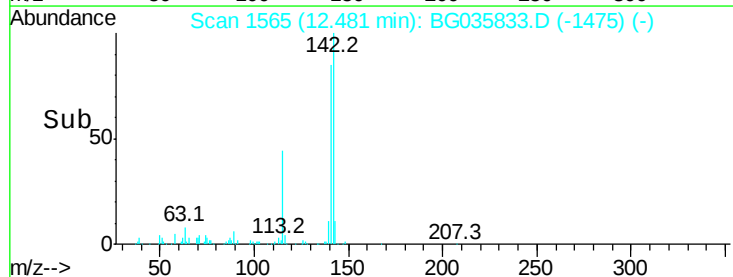
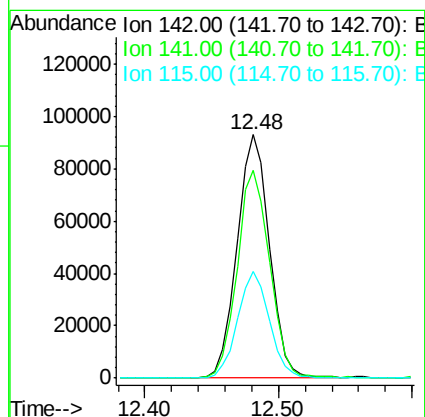
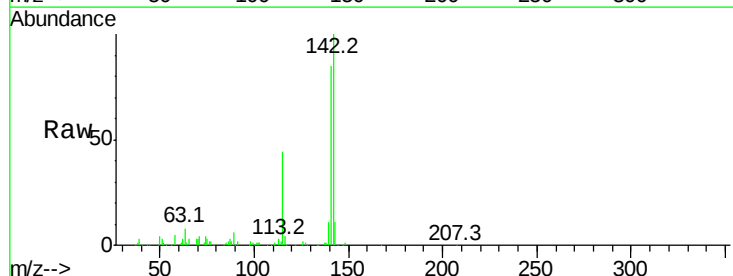
Sohil

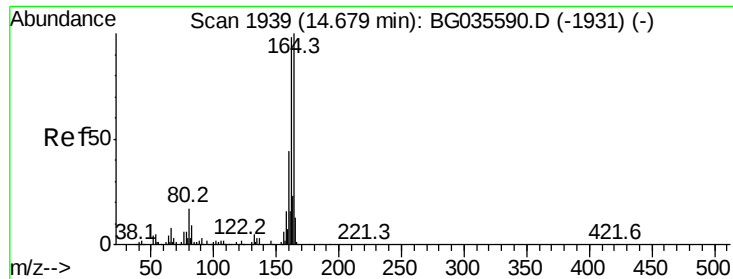
7/24/2018 3:05:50 PM



#37
 2-Methylnaphthalene
 Concen: 33.164 ng
 RT: 12.48 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: BG035833.D
 Acq: 23 Jul 2018 18:34

Tgt Ion	Ratio	Lower	Upper
142	100		
141	85.4	67.1	100.7
115	43.9	30.7	46.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BG035833.D

Acq: 23 Jul 2018 18:34

Instrument :

BNA_G

ClientSampleId :

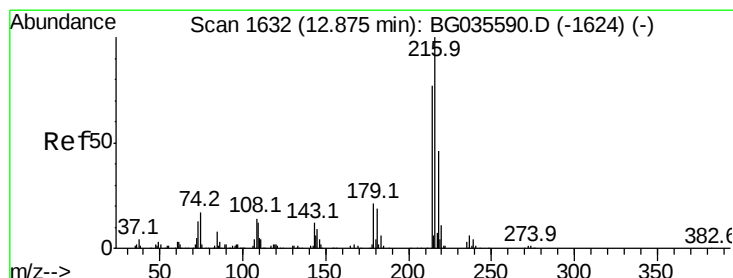
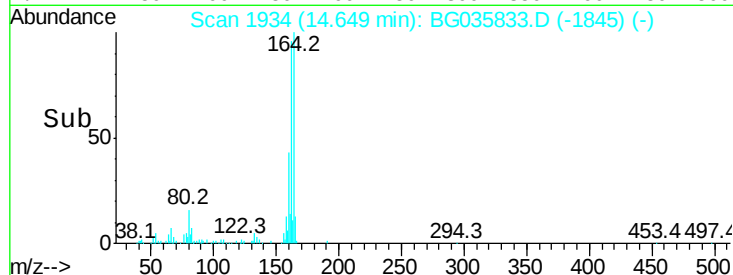
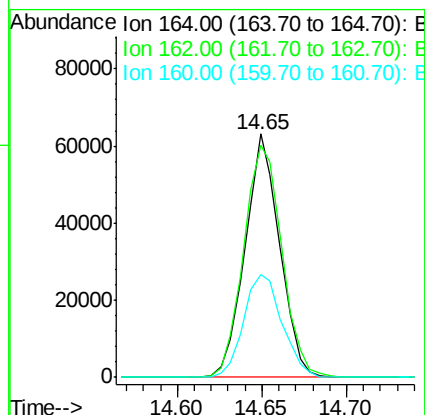
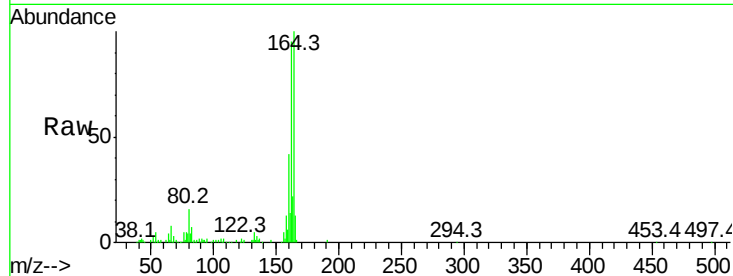
IDOC HP-1

Tot Ion:	164	Resp:	89670
Ion Ratio	Lower	Upper	
164	100		
162	95.2	78.8	118.2
160	42.5	35.4	53.0

Manual Integrations
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#39

1,2,4,5-Tetrachlorobenzene

Concen: 31.281 ng

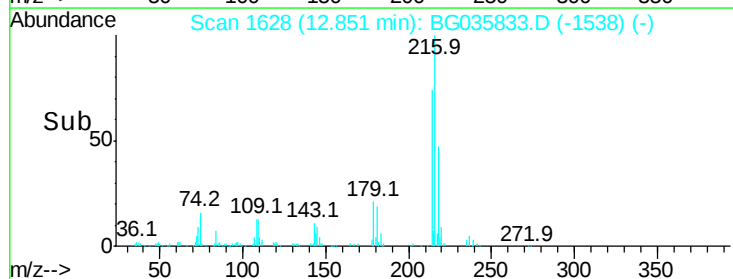
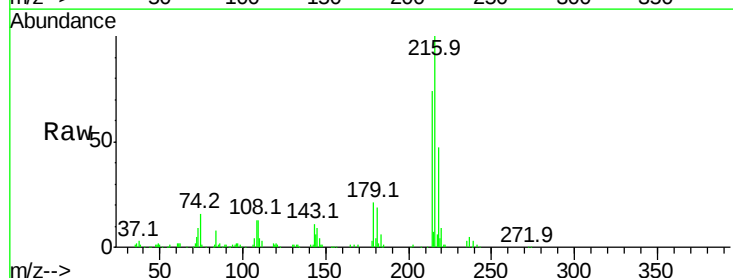
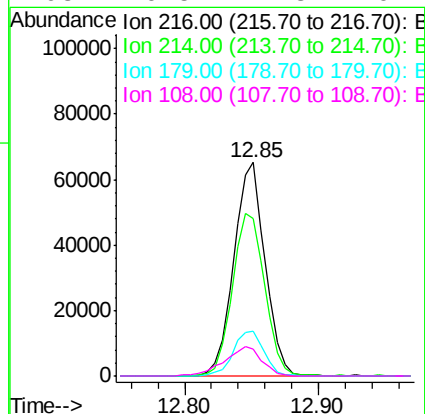
RT: 12.85 min Scan# 1628

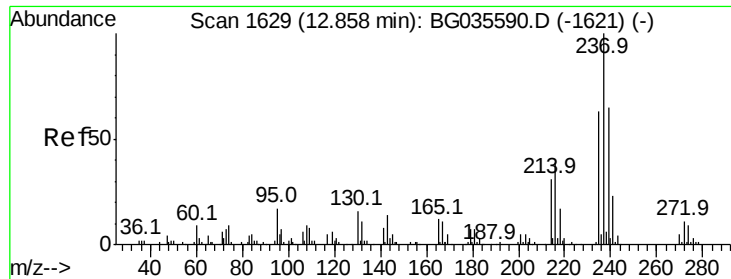
Delta R.T. 0.00 min

Lab File: BG035833.D

Acq: 23 Jul 2018 18:34

Tgt Ion:	216	Resp:	105868
Ion Ratio	Lower	Upper	
216	100		
214	78.5	63.0	94.4
179	20.7	17.0	25.6
108	16.5	12.8	19.2





#40
Hexachlorocyclopentadiene
Concen: 66.593 ng
RT: 12.83 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BG035833.D
Acq: 23 Jul 2018 18:34

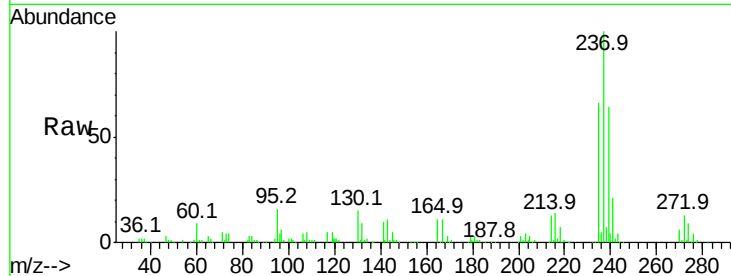
Instrument :
BNA_G
ClientSampleId :
IDOC HP-1

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	66.0	50.4	90.4	
272	12.6	0.0	31.8	

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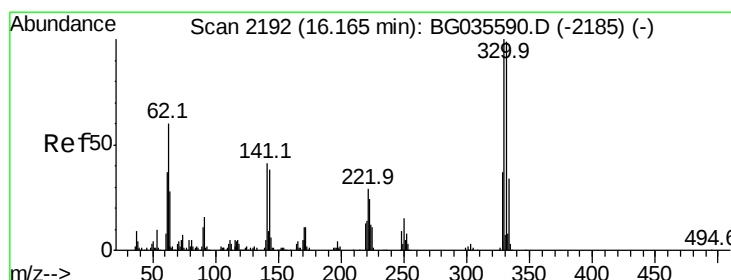
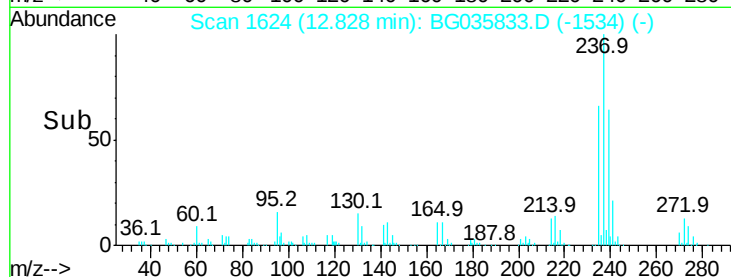
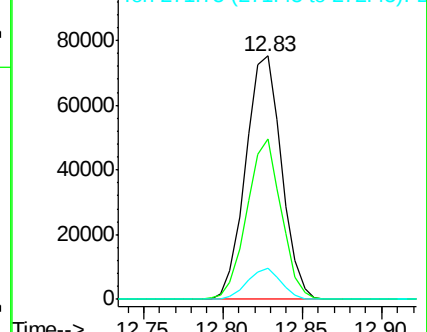


Abundance

Ion 236.80 (236.50 to 237.50): E

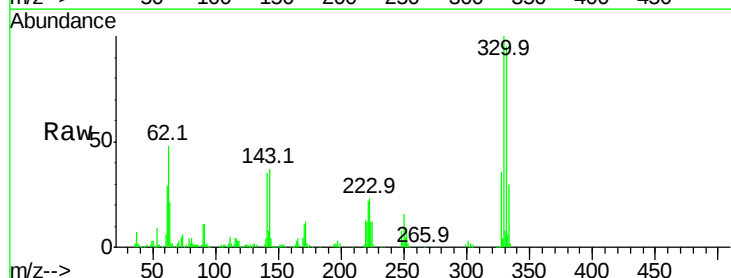
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41
2,4,6-Tribromophenol
Concen: 109.415 ng
RT: 16.14 min Scan# 2188
Delta R.T. 0.00 min
Lab File: BG035833.D
Acq: 23 Jul 2018 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.4	77.0	115.6	
141	37.8	25.2	37.8	

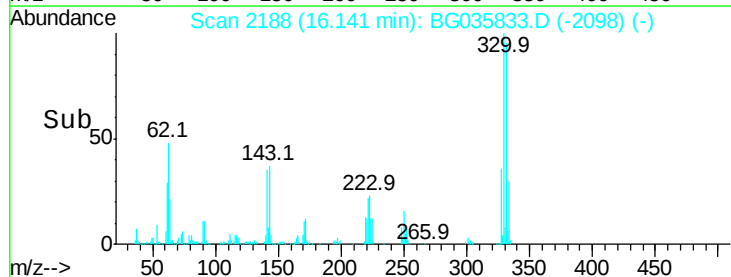
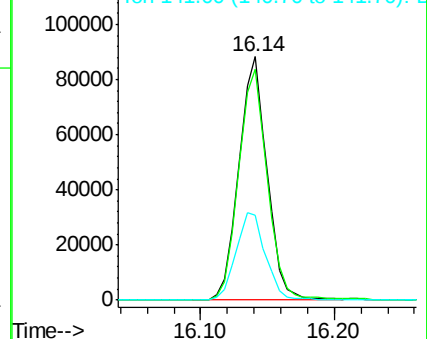


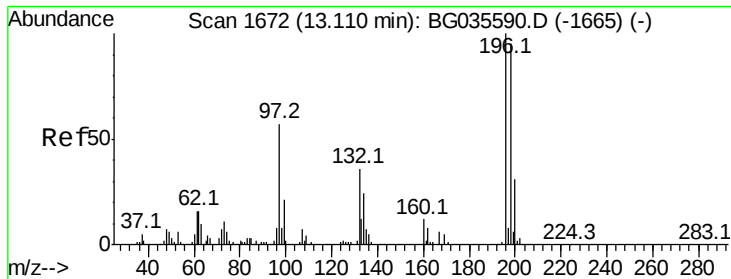
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#42

2,4,6-Trichlorophenol

Concen: 33.050 ng

RT: 13.09 min Scan# 1668

Delta R.T. -0.01 min

Lab File: BG035833.D

Acq: 23 Jul 2018 18:34

Instrument :

BNA_G

ClientSampled :

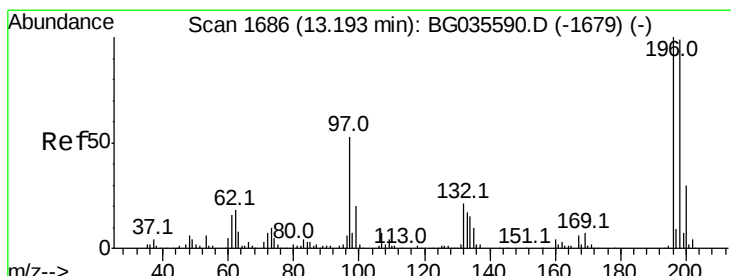
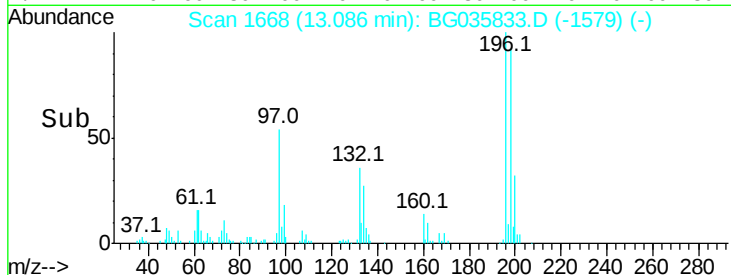
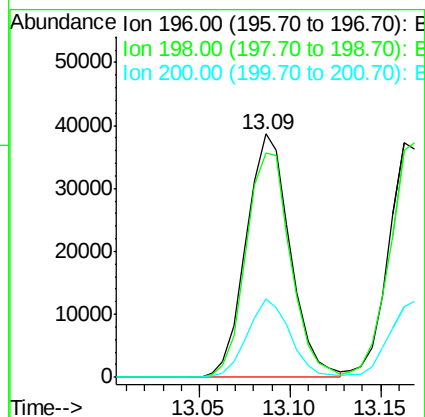
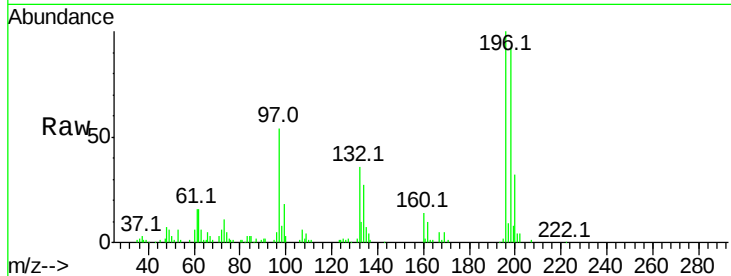
IDOC HP-1

Tot Ion:	196	Resp:	65413
Ion Ratio	Lower	Upper	
196	100		
198	92.1	78.2	117.2
200	32.4	24.6	36.8

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#43

2,4,5-Trichlorophenol

Concen: 33.709 ng

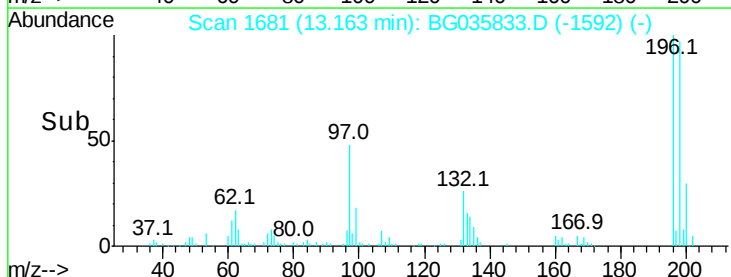
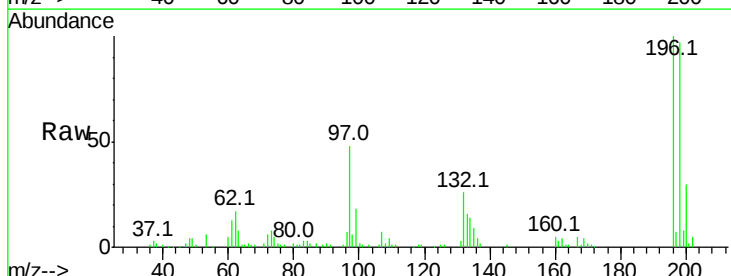
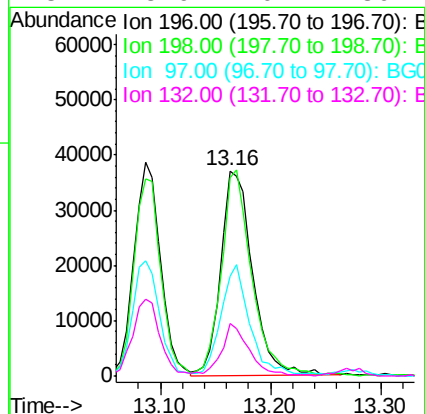
RT: 13.16 min Scan# 1681

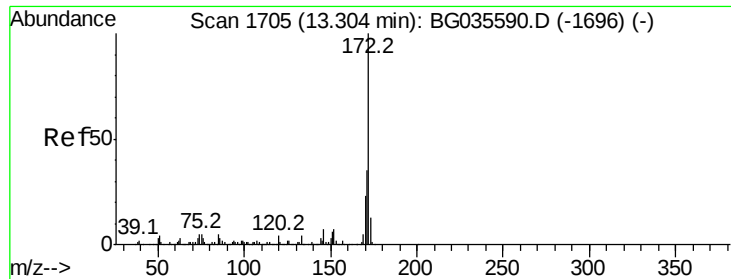
Delta R.T. -0.01 min

Lab File: BG035833.D

Acq: 23 Jul 2018 18:34

Tgt Ion:	196	Resp:	74637
Ion Ratio	Lower	Upper	
196	100		
198	96.7	76.2	114.4
97	48.4	38.7	58.1
132	25.9	20.2	30.2





#44
2-Fluorobiphenyl
Concen: 63.925 ng
RT: 13.27 min Scan# 1700
Delta R.T. -0.01 min
Lab File: BG035833.D
Acq: 23 Jul 2018 18:34

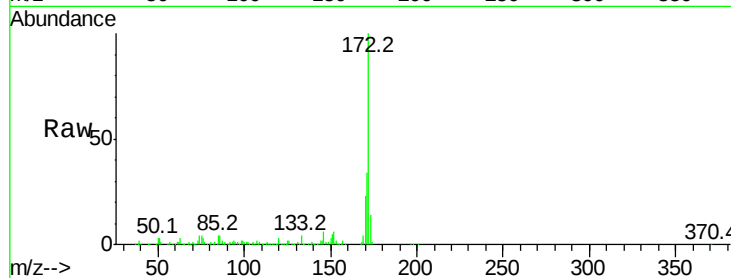
Instrument :
BNA_G
ClientSampleId :
IDOC HP-1

Tot Ion	Ratio	Resp	Lower	Upper
172	100	427854		
171	34.2		30.0	45.0
170	22.5		19.5	29.3

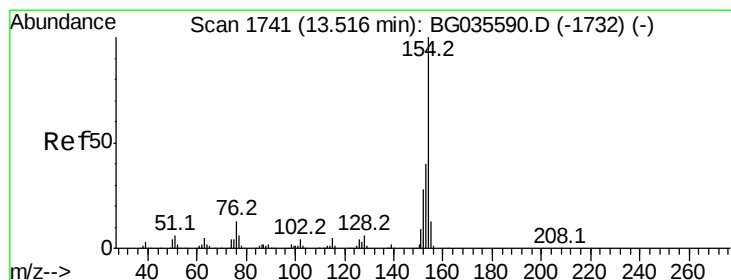
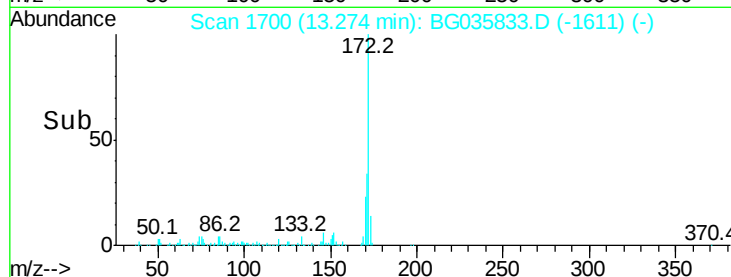
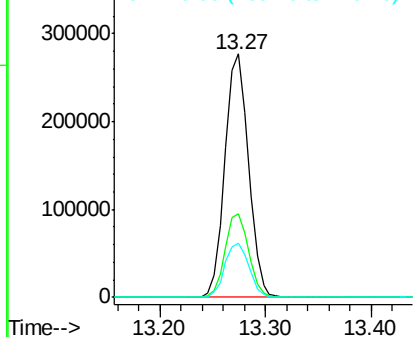
Manual Integrations
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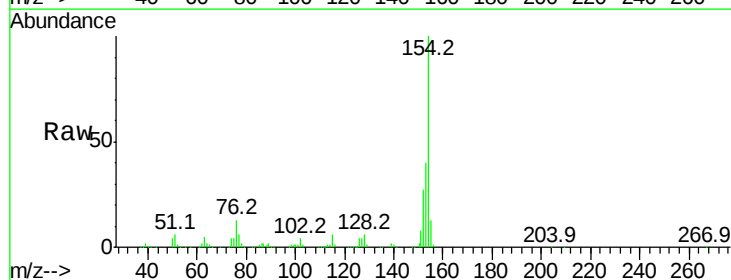


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

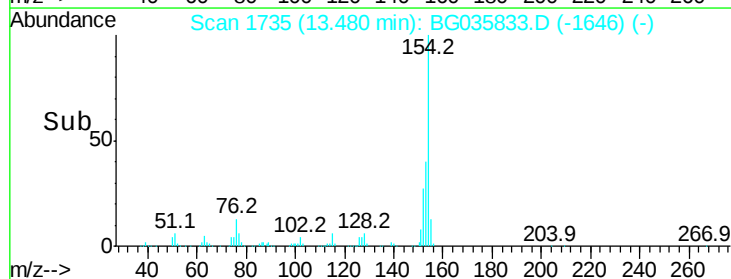
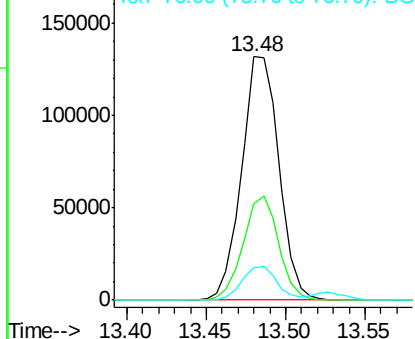


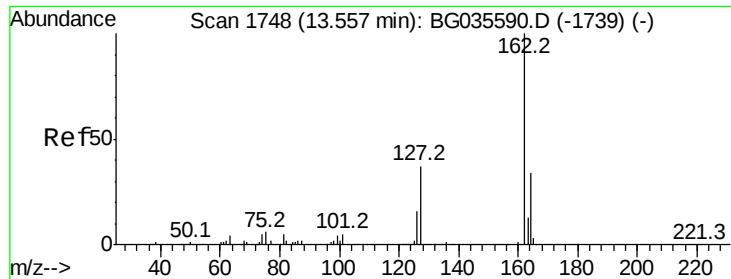
#45
1,1'-Biphenyl
Concen: 30.899 ng
RT: 13.48 min Scan# 1735
Delta R.T. -0.01 min
Lab File: BG035833.D
Acq: 23 Jul 2018 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	214812		
153	39.6		19.8	59.8
76	13.3		0.0	31.9



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





#46
2-Chloronaphthalene
Concen: 31.621 ng
RT: 13.53 min Scan# 1743
Delta R.T. -0.01 min
Lab File: BG035833.D
Acq: 23 Jul 2018 18:34

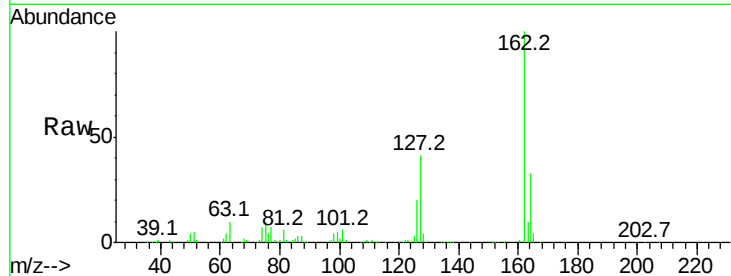
Instrument :
BNA_G
ClientSampleId :
IDOC HP-1

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.7	30.7	46.1
164	32.7	26.0	39.0

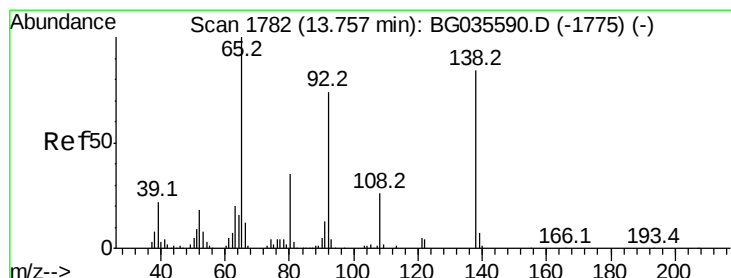
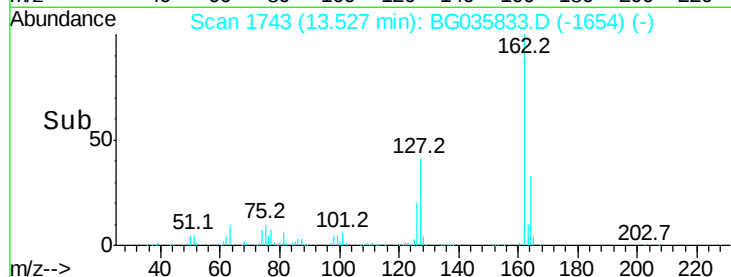
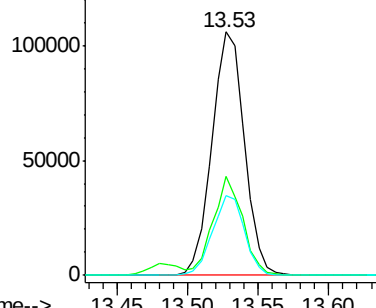
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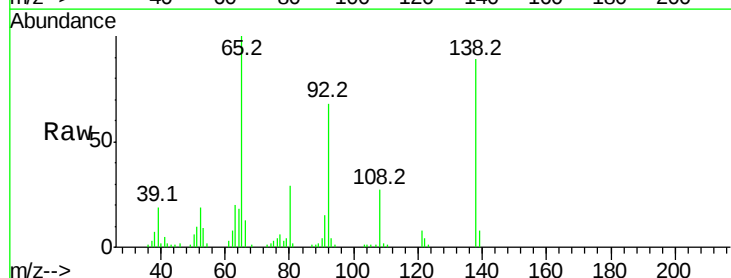


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

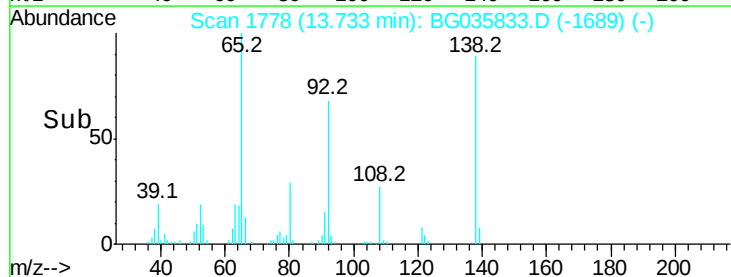
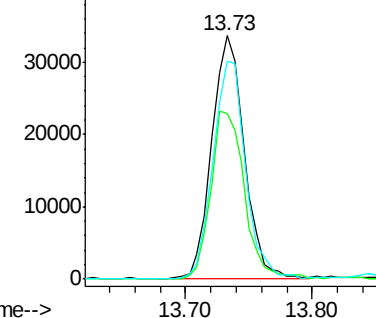


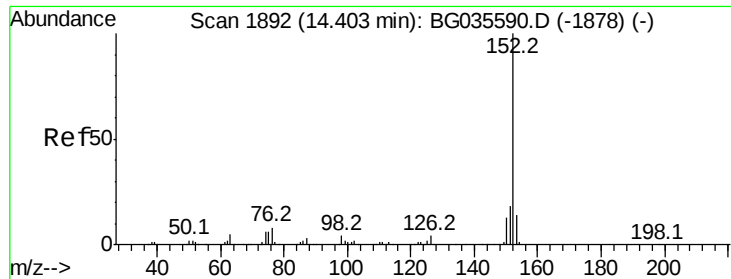
#47
2-Nitroaniline
Concen: 31.498 ng
RT: 13.73 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BG035833.D
Acq: 23 Jul 2018 18:34

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.8	54.6	82.0
138	89.4	72.9	109.3



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#48
Acenaphthylene
Concen: 30.985 ng
RT: 14.37 min Scan# 1887
Delta R.T. -0.01 min
Lab File: BG035833.D
Acq: 23 Jul 2018 18:34

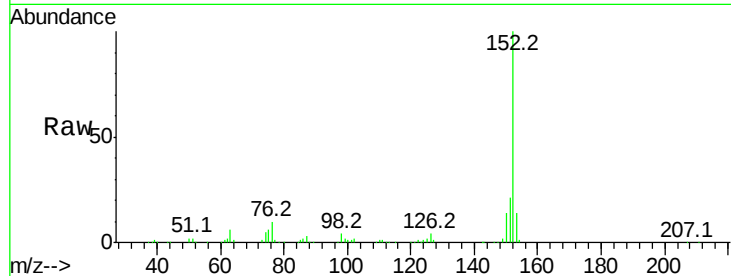
Instrument :
BNA_G
ClientSampleId :
IDOC HP-1

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.3	17.2	25.8
153	13.7	10.2	15.4

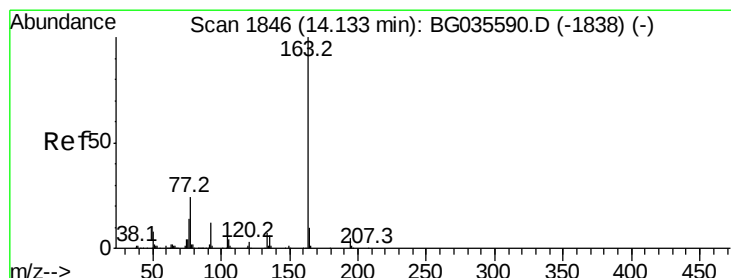
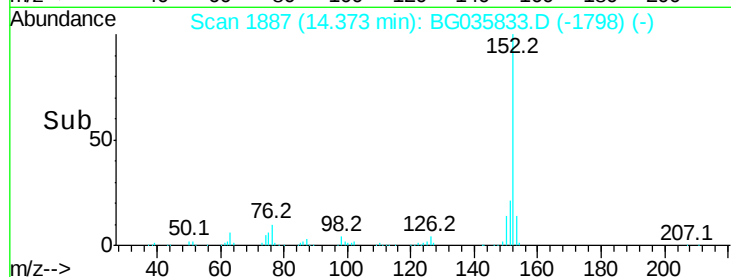
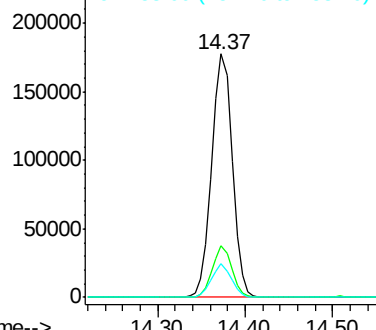
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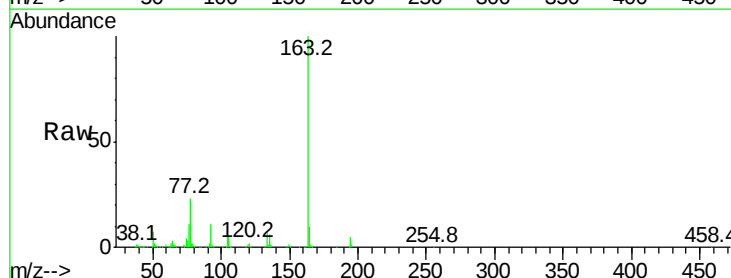


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

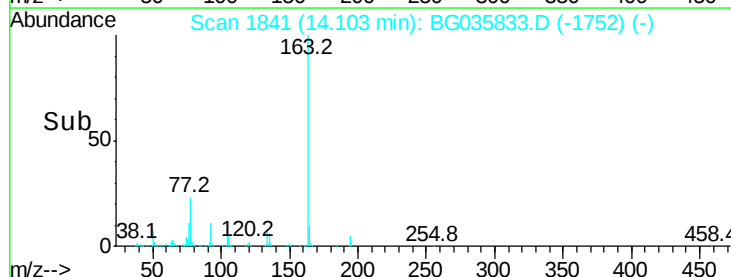
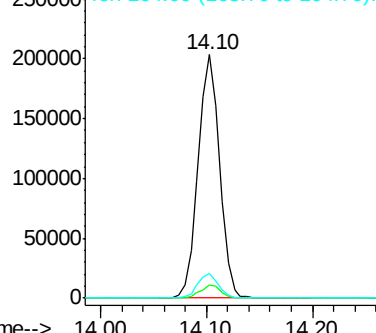


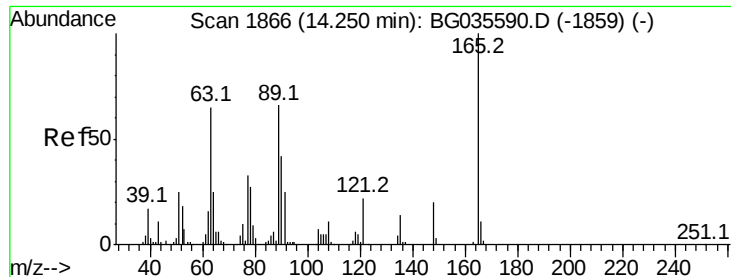
#49
Dimethylphthalate
Concen: 36.168 ng
RT: 14.10 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BG035833.D
Acq: 23 Jul 2018 18:34

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.4	5.2#
164	10.2	8.2	12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#50
2,6-Dinitrotoluene
Concen: 34.044 ng
RT: 14.22 min Scan# 1861
Delta R.T. -0.01 min
Lab File: BG035833.D
Acq: 23 Jul 2018 18:34

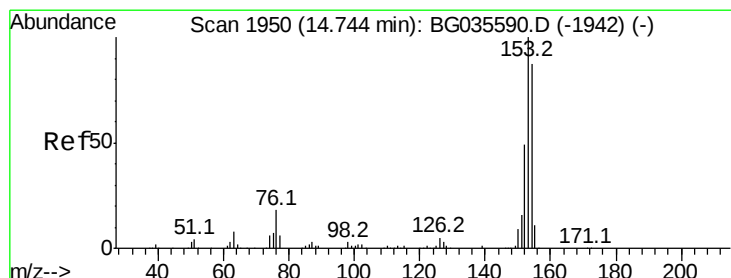
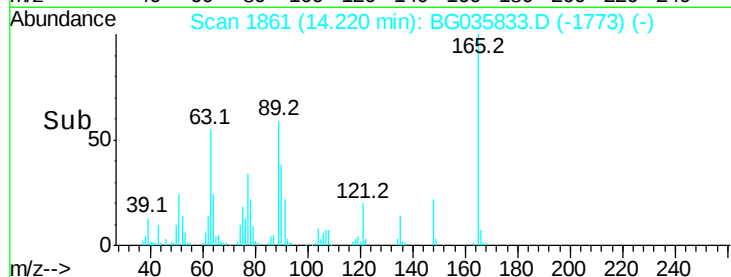
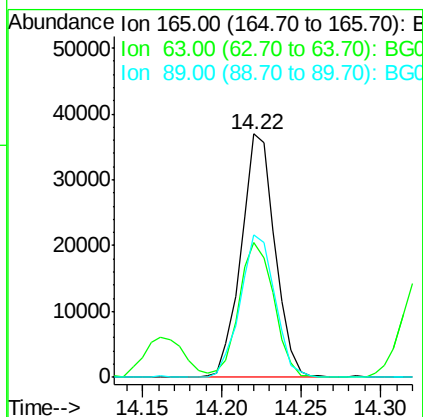
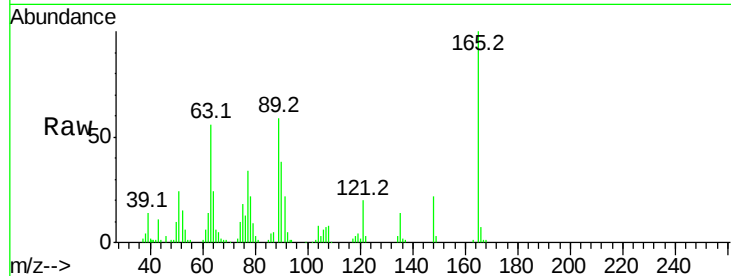
Instrument :
BNA_G
ClientSampled :
IDOC HP-1

Tot Ion	Ratio	Lower	Upper
165	100		
63	55.6	52.7	79.1
89	58.7	49.2	73.8

Manual Integrations
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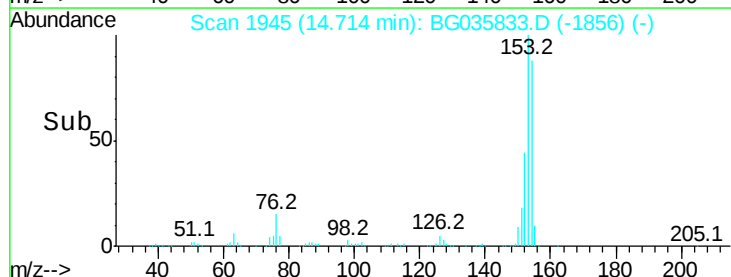
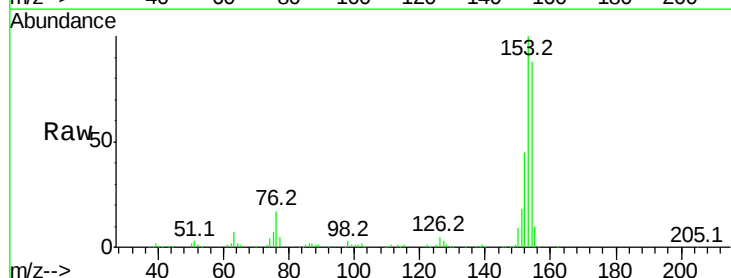
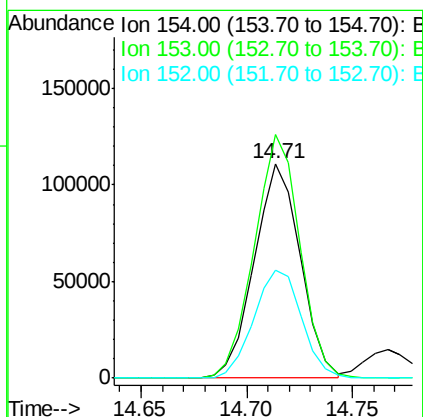
Sohil

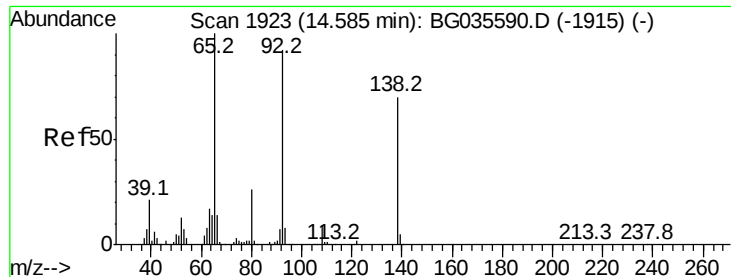
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#51
Acenaphthene
Concen: 29.792 ng
RT: 14.71 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BG035833.D
Acq: 23 Jul 2018 18:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.7	90.4	135.6
152	50.6	41.6	62.4





#52
 3-Nitroaniline
 Concen: 25.019 ng
 RT: 14.56 min Scan# 1919
 Delta R.T. 0.00 min
 Lab File: BG035833.D
 Acq: 23 Jul 2018 18:34

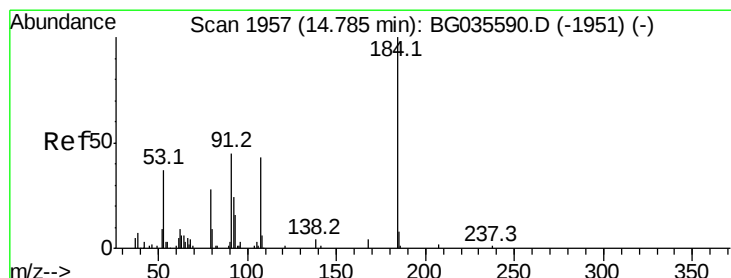
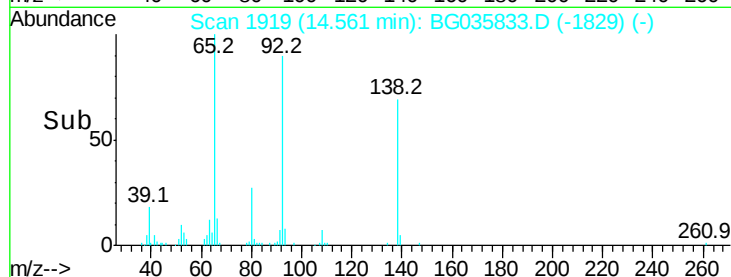
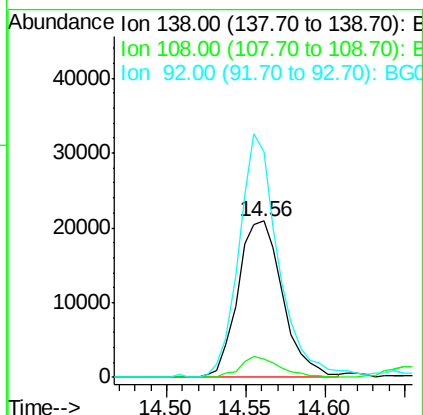
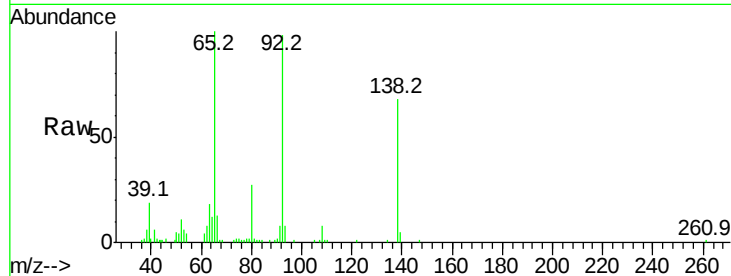
Instrument :
 BNA_G
 ClientSampleId :
 IDOC HP-1

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.0	17.5	26.3#
92	144.0	105.8	158.8

Manual Integrations
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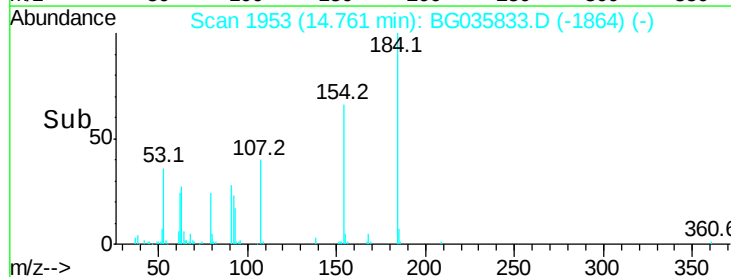
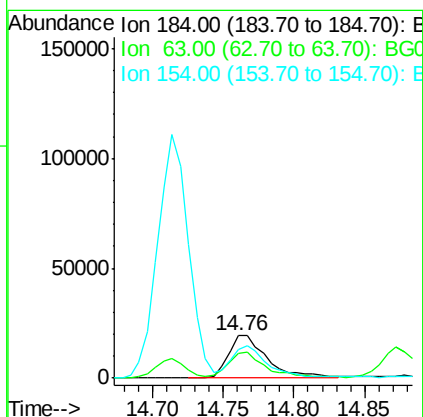
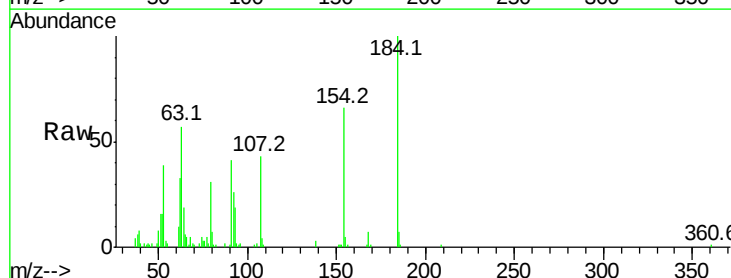
Sohil

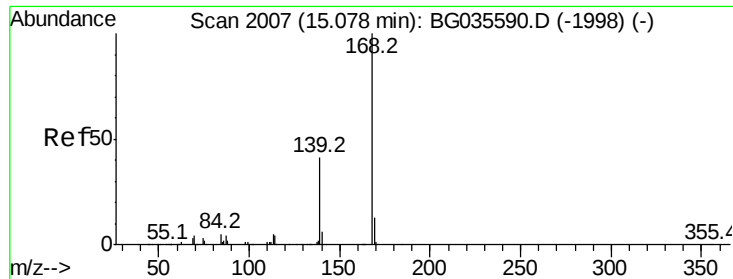
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#53
 2,4-Dinitrophenol
 Concen: 47.837 ng
 RT: 14.76 min Scan# 1953
 Delta R.T. -0.01 min
 Lab File: BG035833.D
 Acq: 23 Jul 2018 18:34

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.3	59.8	89.8#
154	66.1	101.8	152.8#





#54
Dibenzenofuran
Concen: 31.848 ng
RT: 15.05 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BG035833.D
Acq: 23 Jul 2018 18:34

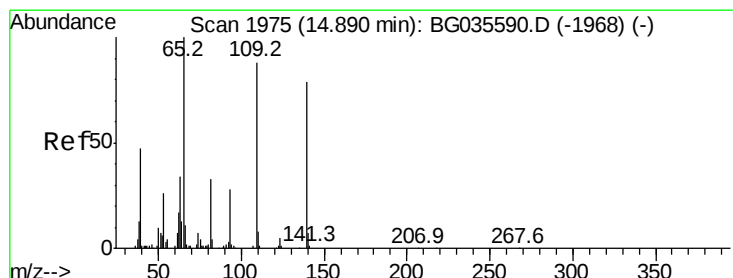
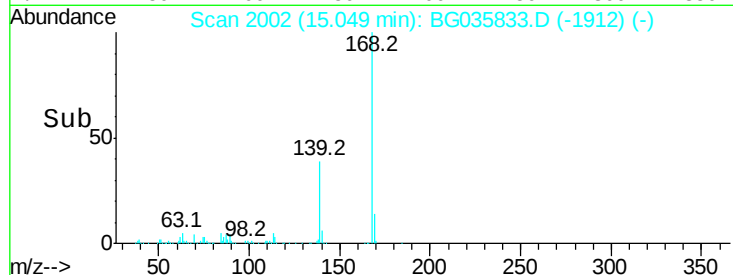
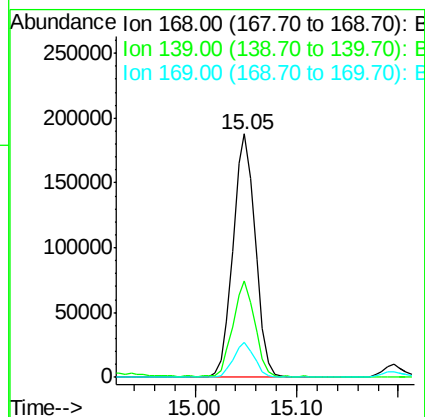
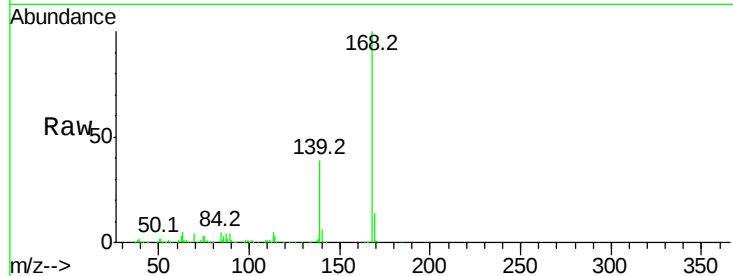
Instrument :
BNA_G
ClientSampleId :
IDOC HP-1

Tot Ion:168	Resp:	285807
Ion Ratio	Lower	Upper
168 100		
139 39.4	28.6	43.0
169 14.2	11.2	16.8

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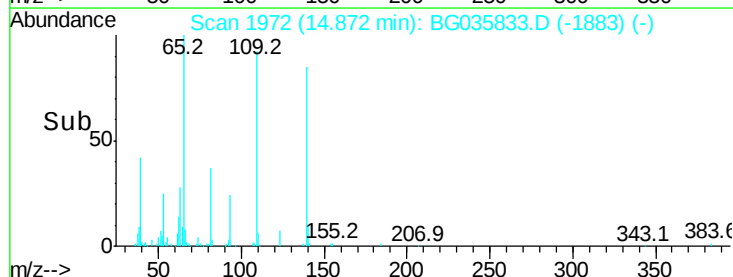
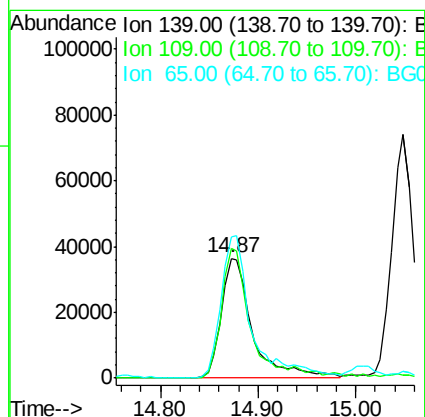
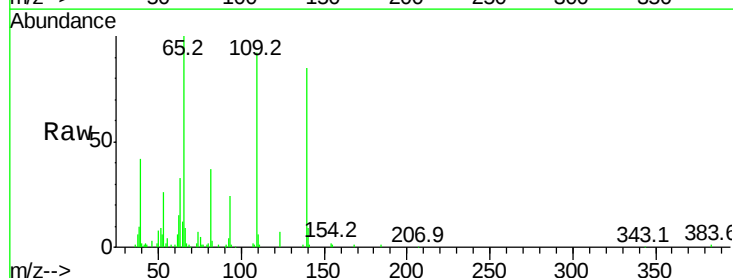
Sohil

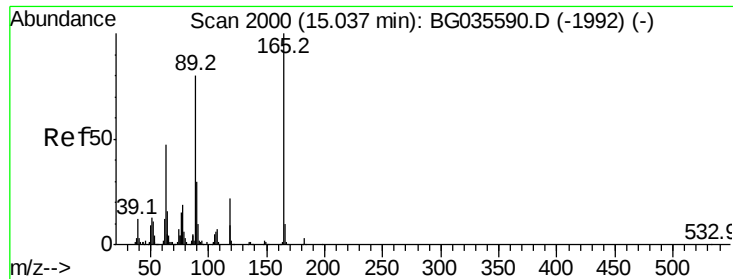
7/24/2018 3:05:50 PM



#55
4-Nitrophenol
Concen: 69.041 ng
RT: 14.87 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BG035833.D
Acq: 23 Jul 2018 18:34

Tgt Ion:139	Resp:	80399
Ion Ratio	Lower	Upper
139 100		
109 108.1	62.2	102.2#
65 117.9	97.2	137.2





#56
2,4-Dinitrotoluene
Concen: 36.770 ng
RT: 15.01 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BG035833.D
Acq: 23 Jul 2018 18:34

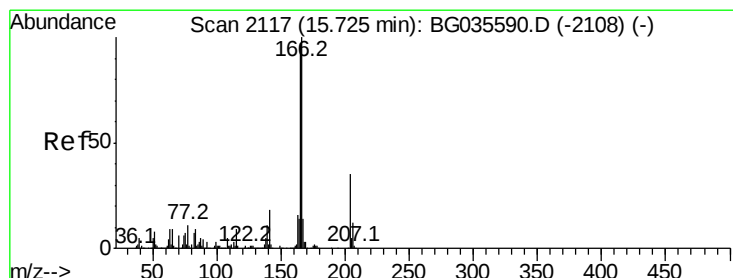
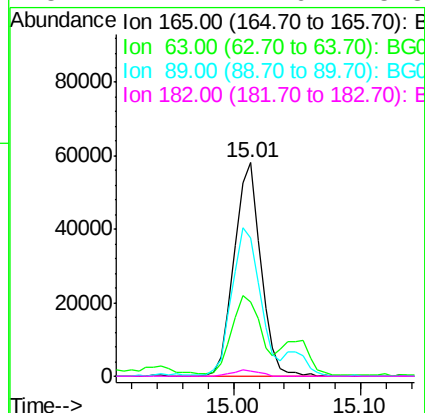
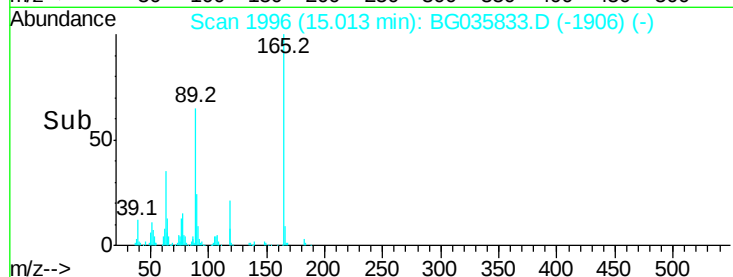
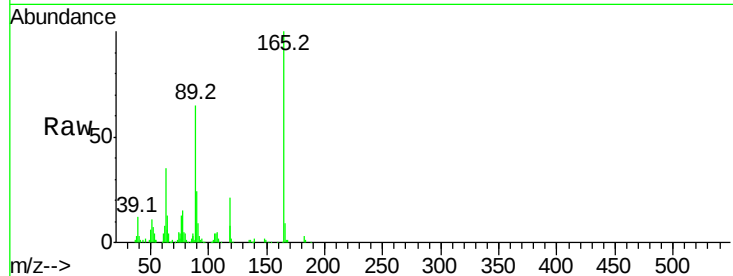
Instrument :
BNA_G
ClientSampleId :
IDOC HP-1

Tot Ion	Ratio	Lower	Upper
165	100		
63	34.7	42.0	63.0#
89	65.0	66.9	100.3#
182	2.7	2.6	3.8

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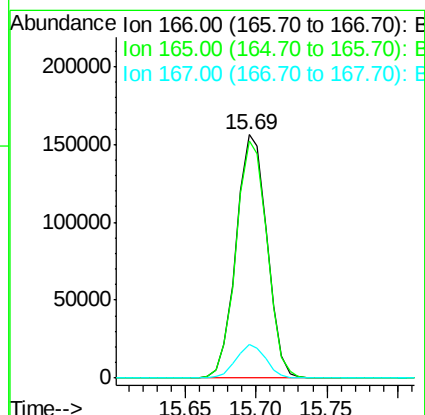
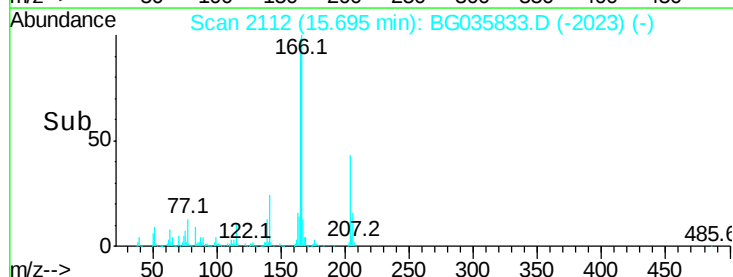
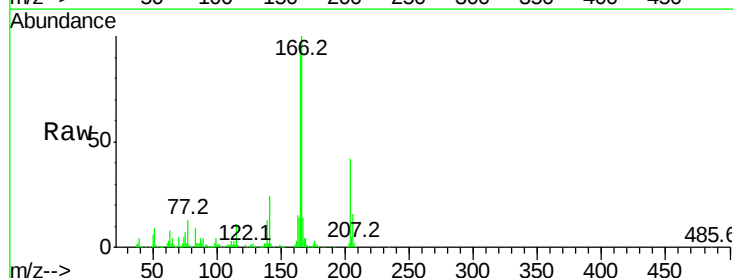
Sohil

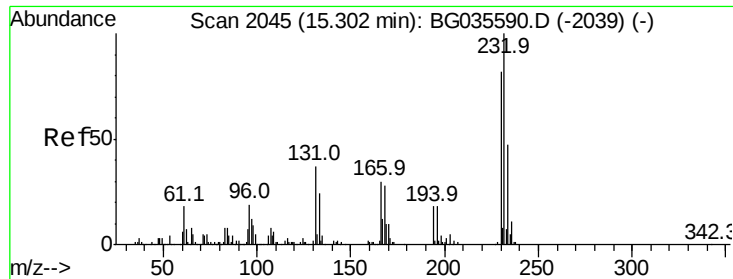
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#57
Fluorene
Concen: 31.684 ng
RT: 15.69 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BG035833.D
Acq: 23 Jul 2018 18:34

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.3	80.6	121.0
167	13.6	10.4	15.6





#58
2,3,4,6-Tetrachlorophenol
Concen: 35.785 ng
RT: 15.28 min Scan# 2041
Delta R.T. 0.00 min
Lab File: BG035833.D
Acq: 23 Jul 2018 18:34

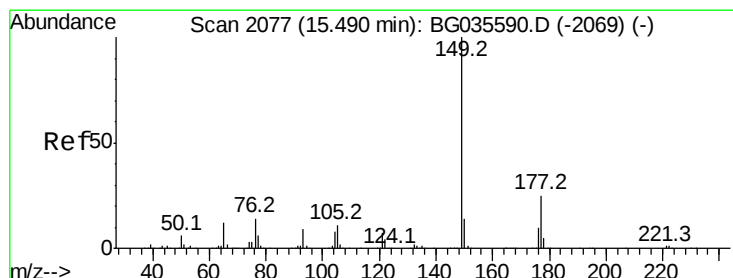
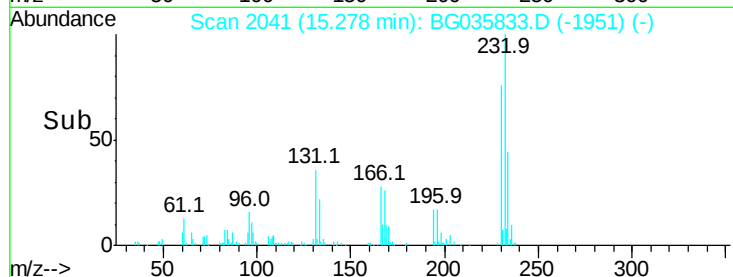
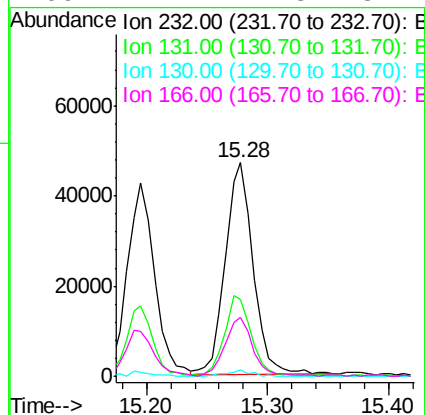
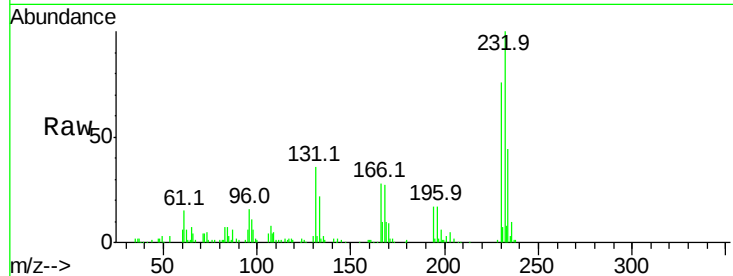
Instrument :
BNA_G
ClientSampleId :
IDOC HP-1

Tot Ion	Ratio	Resp	Lower	Upper
232	100	75970		
131	35.4		33.5	50.3
130	2.6		2.2	3.2
166	27.4		24.8	37.2

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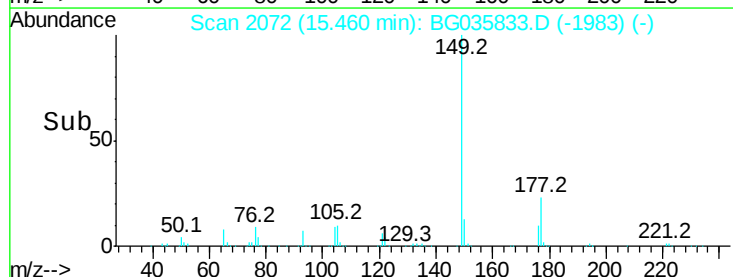
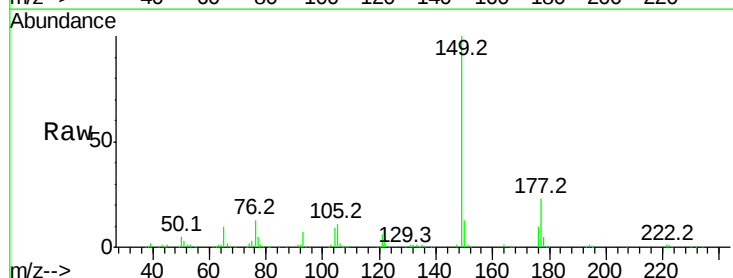
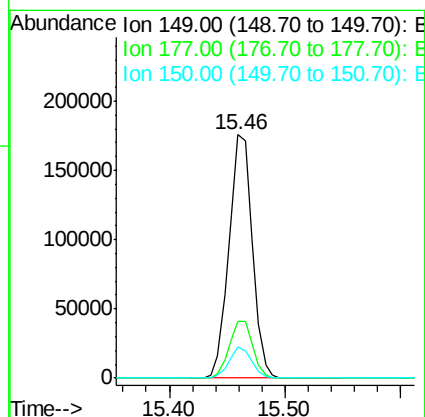
Sohil

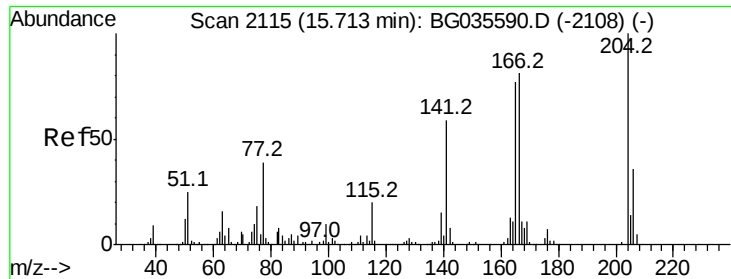
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#59
Diethylphthalate
Concen: 30.418 ng
RT: 15.46 min Scan# 2072
Delta R.T. -0.01 min
Lab File: BG035833.D
Acq: 23 Jul 2018 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	245731		
177	23.4		18.5	27.7
150	12.8		10.2	15.2





#60
4-Chlorophenyl-phenylether
Concen: 30.732 ng
RT: 15.69 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BG035833.D
Acq: 23 Jul 2018 18:34

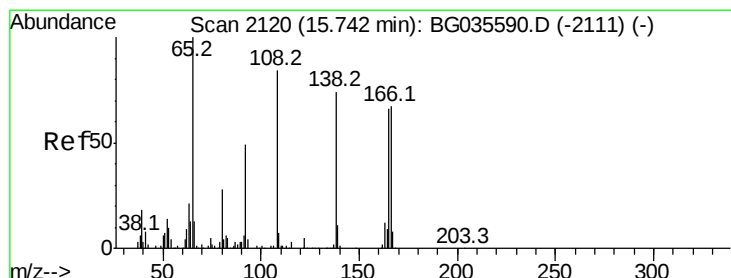
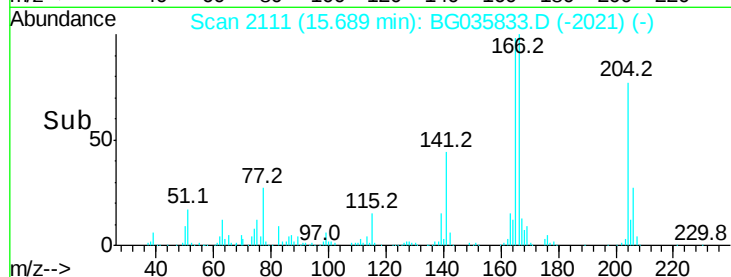
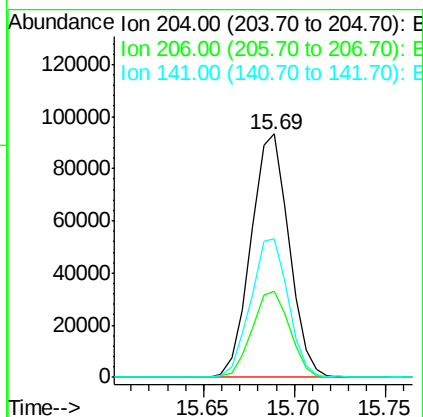
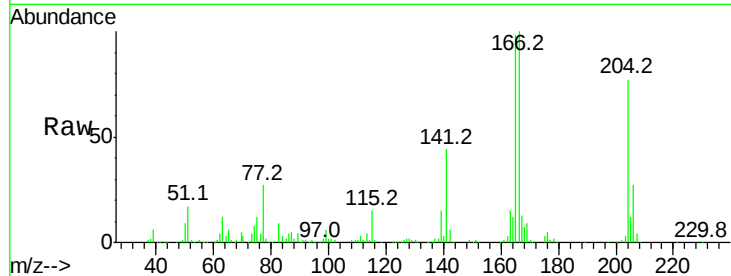
Instrument :
BNA_G
ClientSampleId :
IDOC HP-1

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.5	26.2	39.2
141	56.7	45.8	68.6

Manual Integrations
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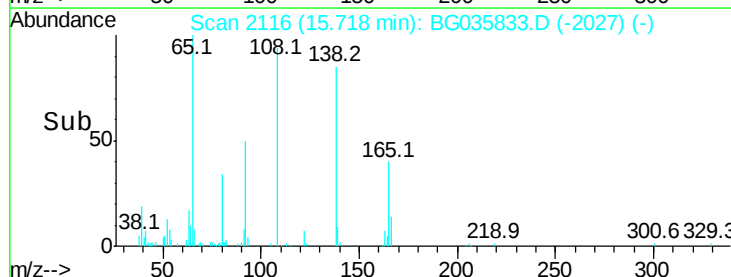
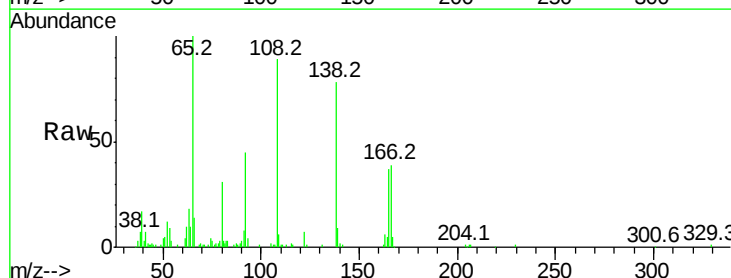
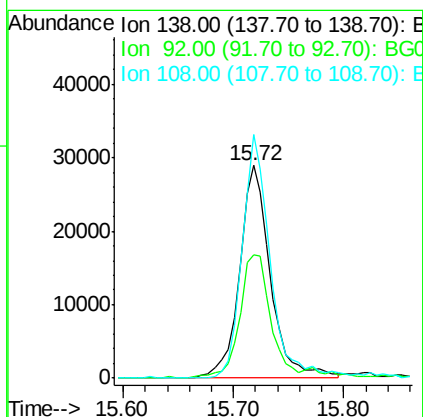
Sohil

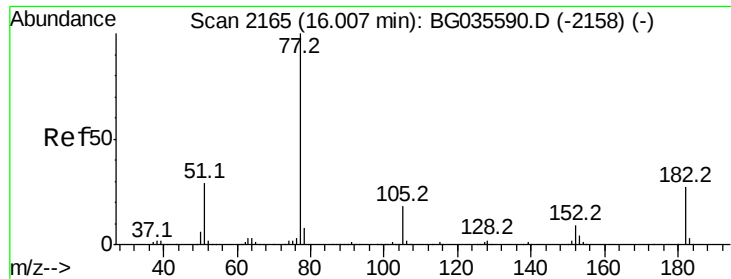
7/24/2018 3:05:50 PM



#61
4-Nitroaniline
Concen: 33.186 ng
RT: 15.72 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BG035833.D
Acq: 23 Jul 2018 18:34

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.1	40.1	80.1
108	114.5	65.4	105.4





#62

Azobenzene

Concen: 31.114 ng

RT: 15.98 min Scan# 2161

Delta R.T. 0.00 min

Lab File: BG035833.D

Acq: 23 Jul 2018 18:34

Instrument :

BNA_G

ClientSampleId :

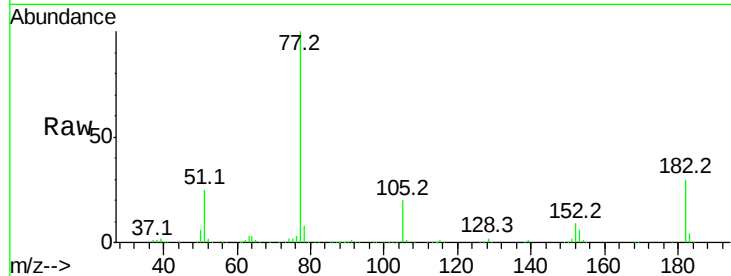
IDOC HP-1

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.6	7.4	47.4
105	19.8	0.3	40.3
51	25.0	11.6	51.6

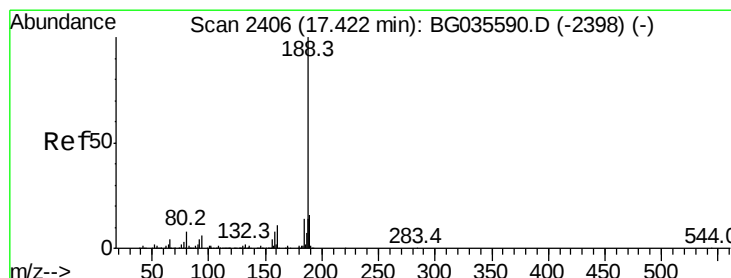
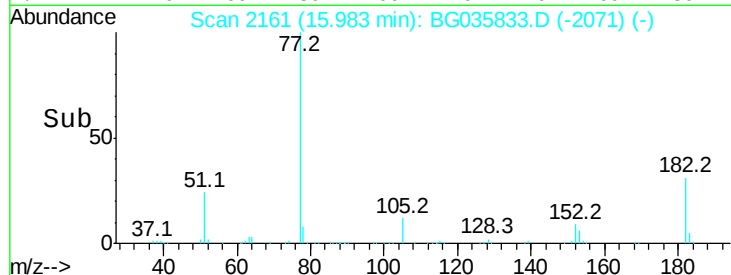
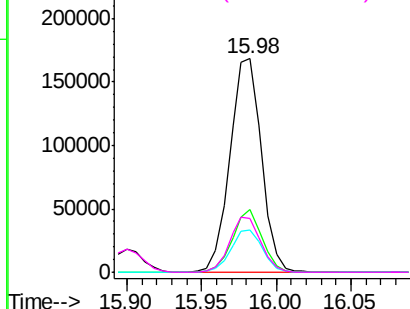
Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2401

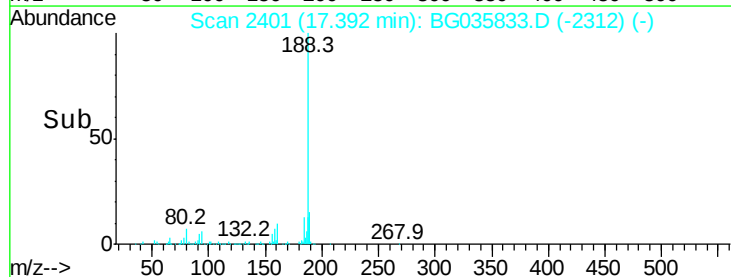
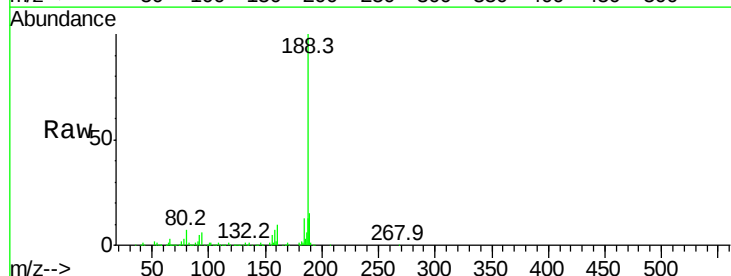
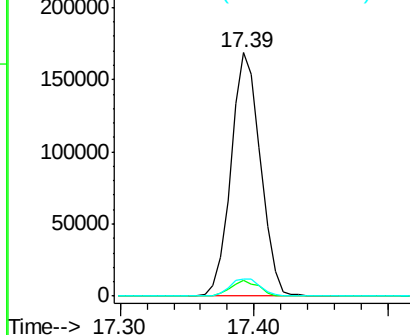
Delta R.T. -0.01 min

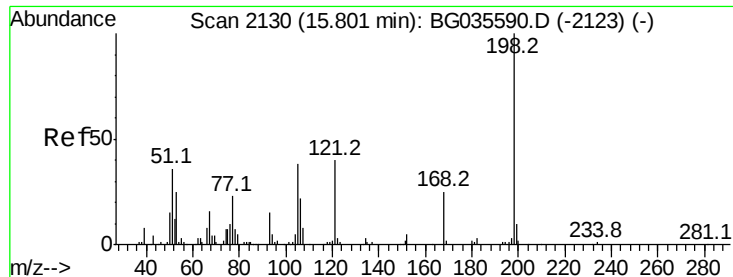
Lab File: BG035833.D

Acq: 23 Jul 2018 18:34

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.5	6.9	10.3#
80	7.0	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: 28.109 ng

RT: 15.77 min Scan# 2125

Delta R.T. -0.01 min

Lab File: BG035833.D

Acq: 23 Jul 2018 18:34

Instrument :

BNA_G

ClientSampleId :

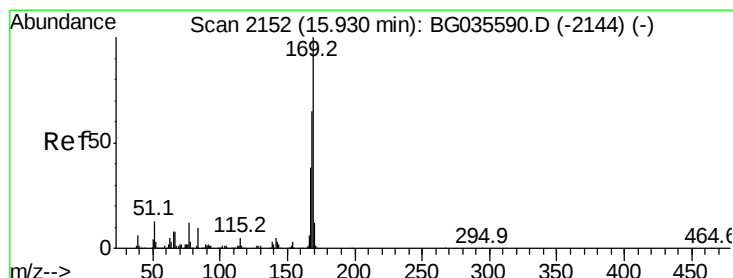
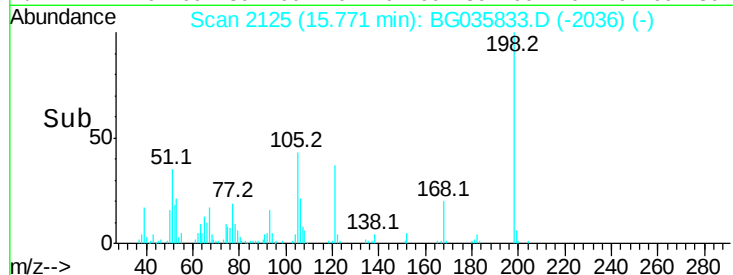
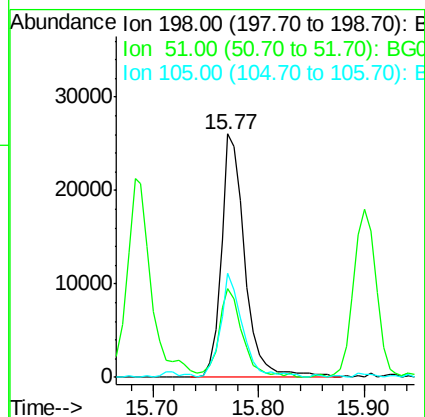
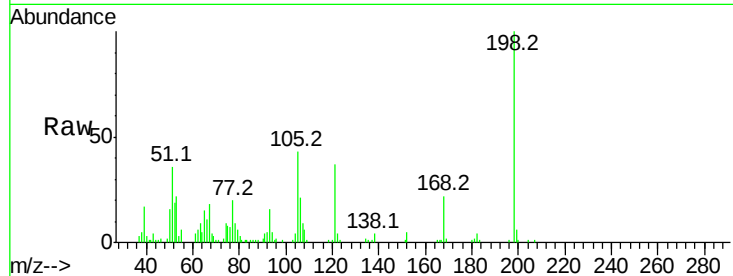
IDOC HP-1

Tot Ion:	198	Resp:	40359
Ion Ratio	Lower	Upper	
198	100		
51	36.2	30.6	70.6
105	42.9	23.8	63.8

Manual Integrations
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Sohil

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#65

n-Nitrosodiphenylamine

Concen: 29.947 ng

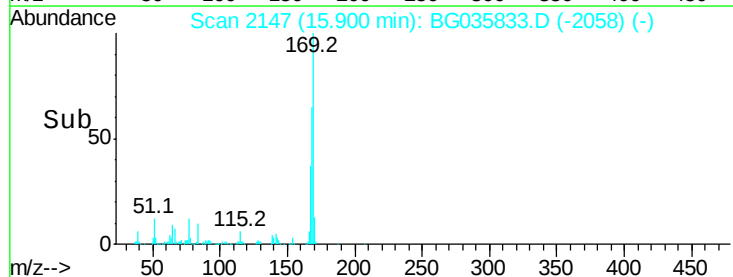
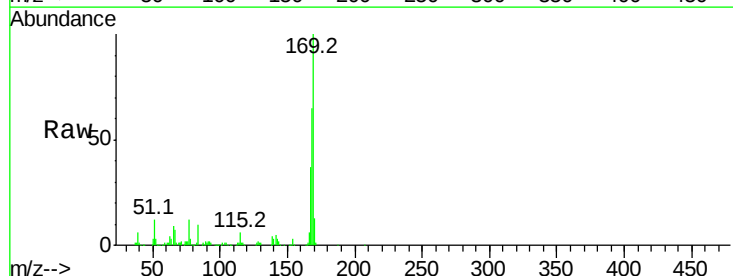
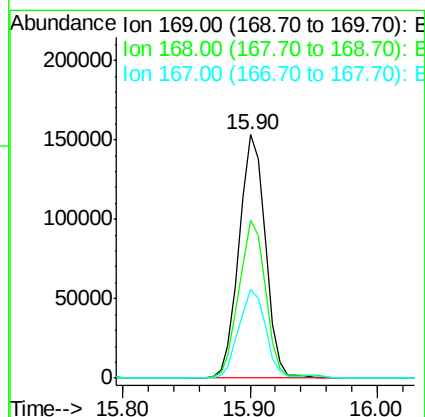
RT: 15.90 min Scan# 2147

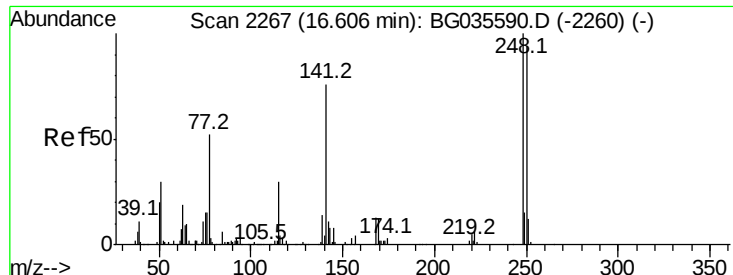
Delta R.T. -0.01 min

Lab File: BG035833.D

Acq: 23 Jul 2018 18:34

Tgt Ion:	169	Resp:	219860
Ion Ratio	Lower	Upper	
169	100		
168	64.9	55.7	83.5
167	36.5	30.1	45.1





#66
4-Bromophenyl-phenylether
Concen: 31.171 ng
RT: 16.58 min Scan# 2263
Delta R.T. 0.00 min
Lab File: BG035833.D
Acq: 23 Jul 2018 18:34

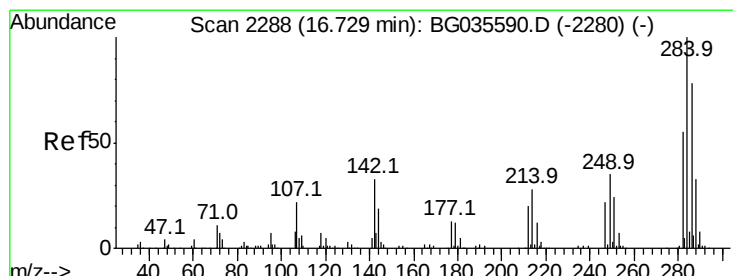
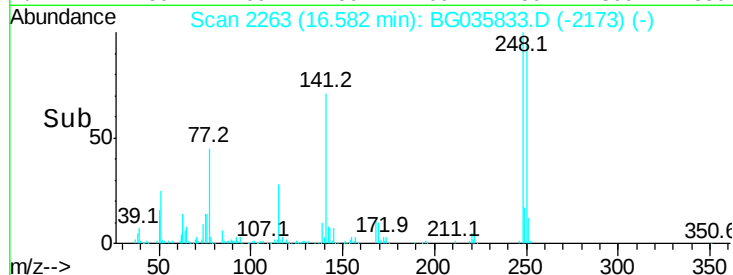
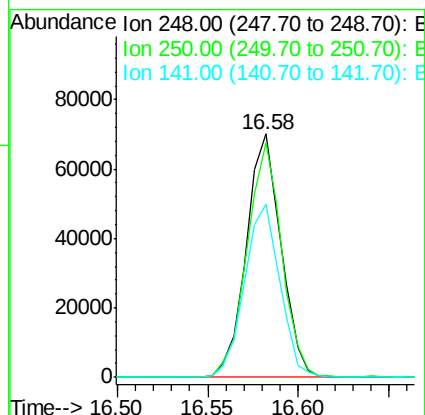
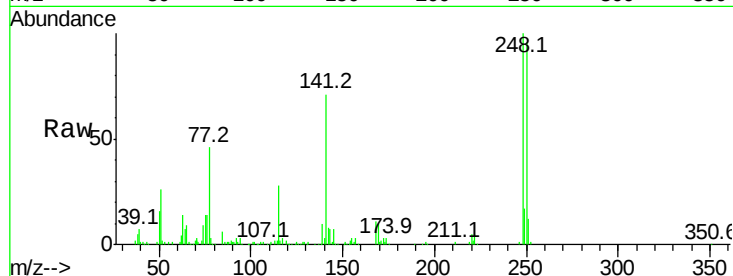
Instrument :
BNA_G
ClientSampleId :
IDOC HP-1

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.3	77.1	115.7
141	71.3	50.8	76.2

Manual Integrations
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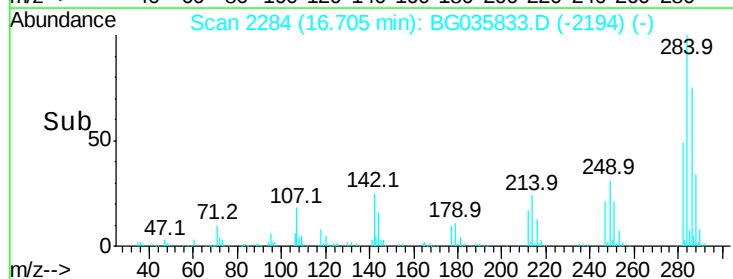
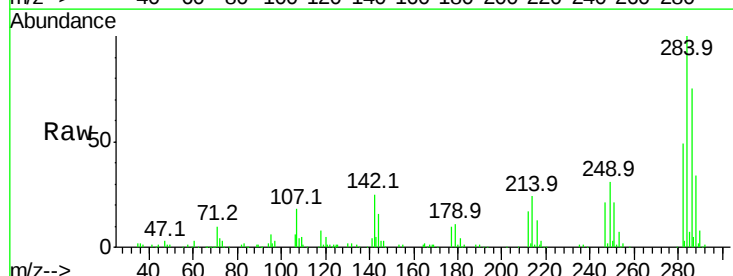
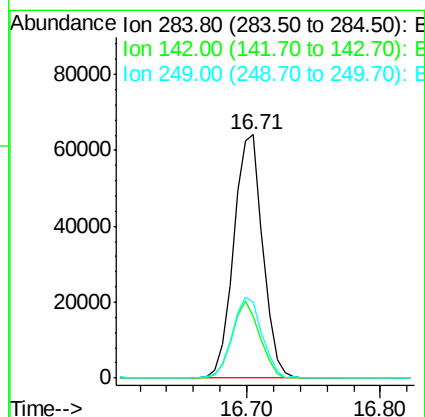
Sohil

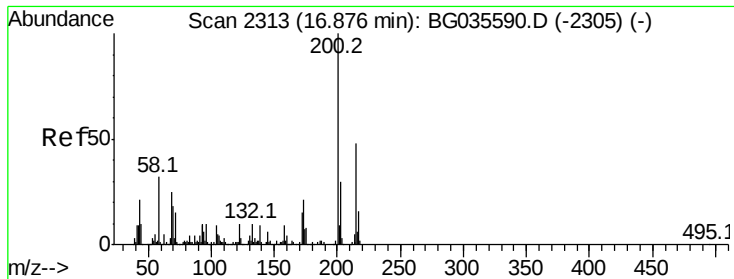
7/24/2018 3:05:50 PM



#67
Hexachlorobenzene
Concen: 31.450 ng
RT: 16.71 min Scan# 2284
Delta R.T. 0.00 min
Lab File: BG035833.D
Acq: 23 Jul 2018 18:34

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.3	26.8	40.2#
249	31.0	26.3	39.5





#68
Atrazine
Concen: 31.839 ng
RT: 16.85 min Scan# 2308
Delta R.T. -0.01 min
Lab File: BG035833.D
Acq: 23 Jul 2018 18:34

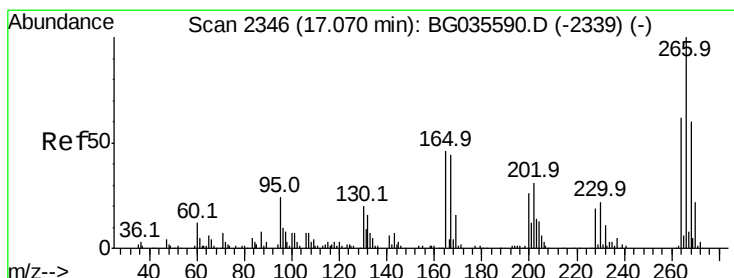
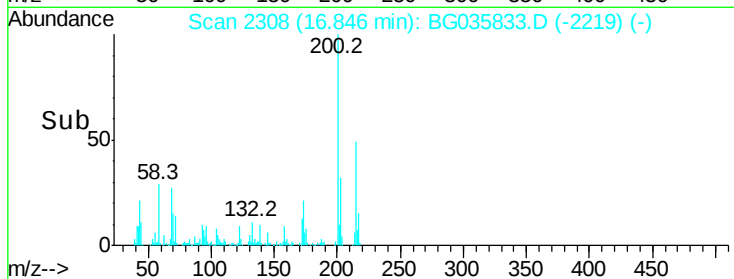
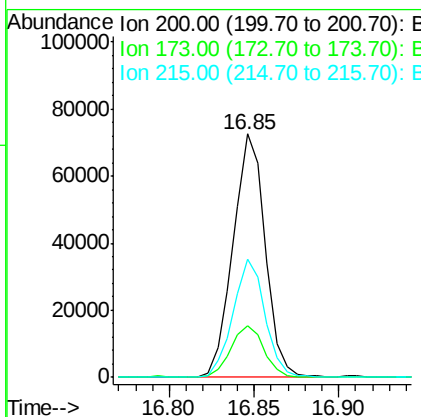
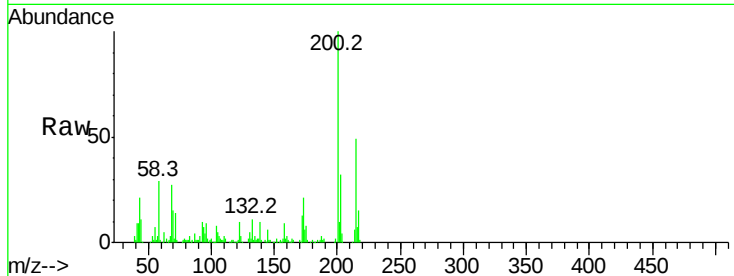
Instrument :
BNA_G
ClientSampleId :
IDOC HP-1

Tot Ion	Ratio	Lower	Upper
200	100		
173	21.3	5.2	45.2
215	48.6	30.4	70.4

Manual Integrations
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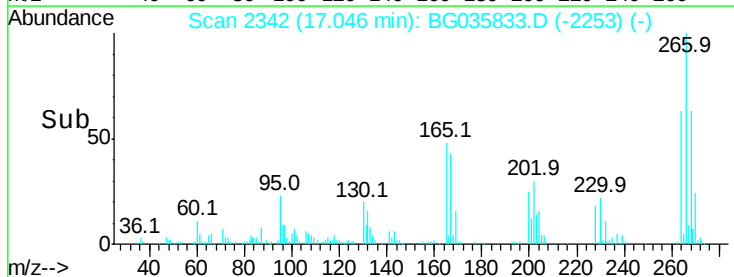
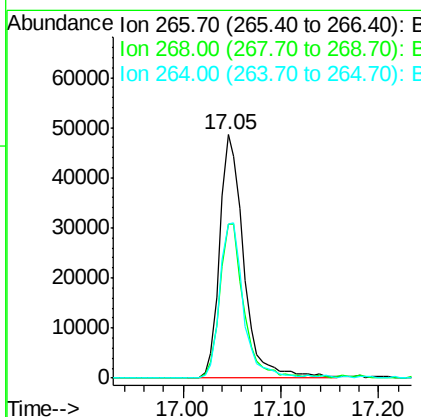
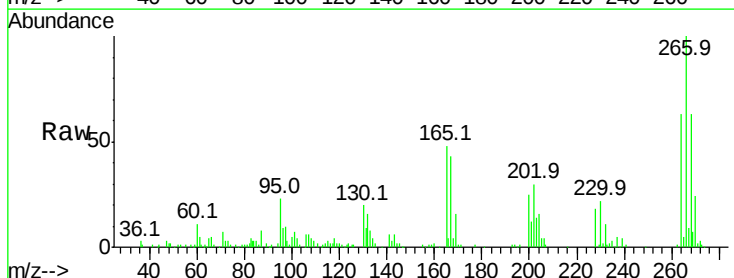
Sohil

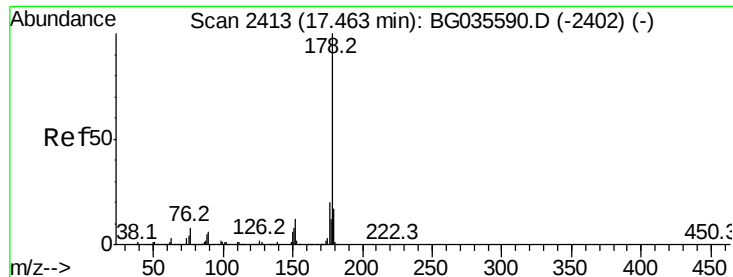
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#69
Pentachlorophenol
Concen: 44.333 ng
RT: 17.05 min Scan# 2342
Delta R.T. -0.01 min
Lab File: BG035833.D
Acq: 23 Jul 2018 18:34

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.3	51.1	76.7
264	63.4	49.6	74.4





#70
Phenanthrene
Concen: 32.092 ng
RT: 17.44 min Scan# 2409
Delta R.T. 0.00 min
Lab File: BG035833.D
Acq: 23 Jul 2018 18:34

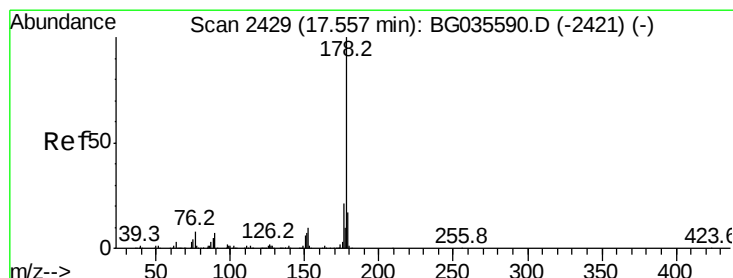
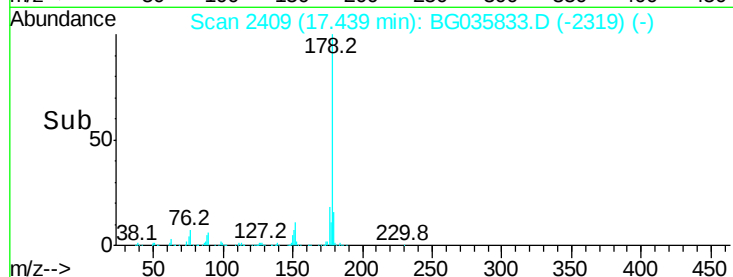
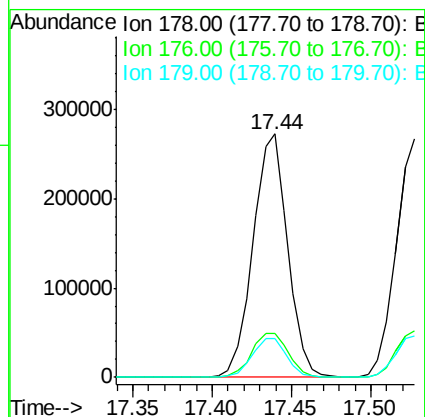
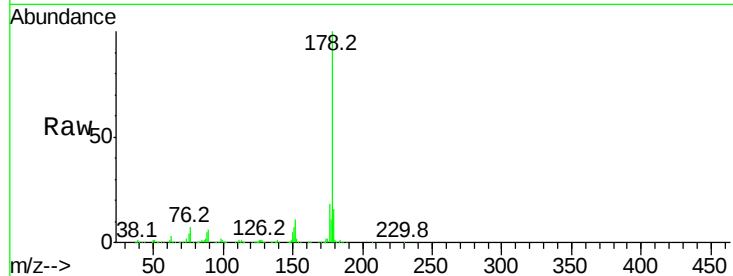
Instrument :
BNA_G
ClientSampleId :
IDOC HP-1

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.7	23.5
179	15.9	12.5	18.7

Manual Integrations
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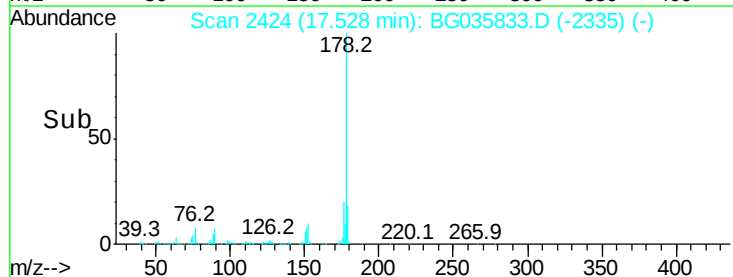
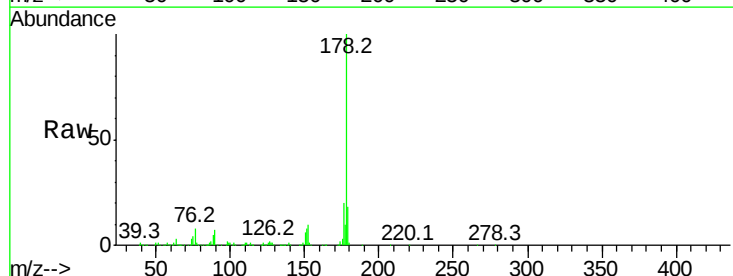
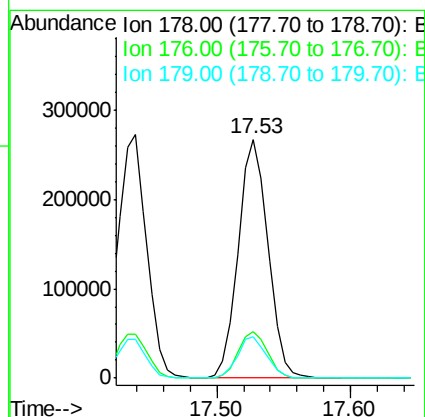
Sohil

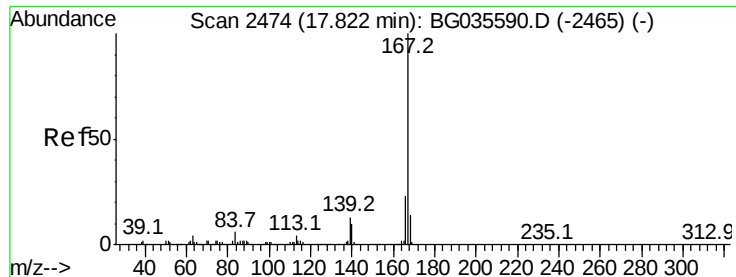
7/24/2018 3:05:50 PM



#71
Anthracene
Concen: 32.024 ng
RT: 17.53 min Scan# 2424
Delta R.T. -0.01 min
Lab File: BG035833.D
Acq: 23 Jul 2018 18:34

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.0	24.0
179	17.5	12.5	18.7





#72

Carbazole

Concen: 32.268 ng

RT: 17.80 min Scan# 2470

Delta R.T. -0.01 min

Lab File: BG035833.D

Acq: 23 Jul 2018 18:34

Instrument :

BNA_G

ClientSampleId :

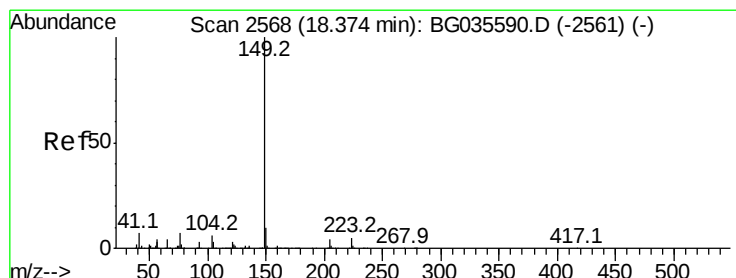
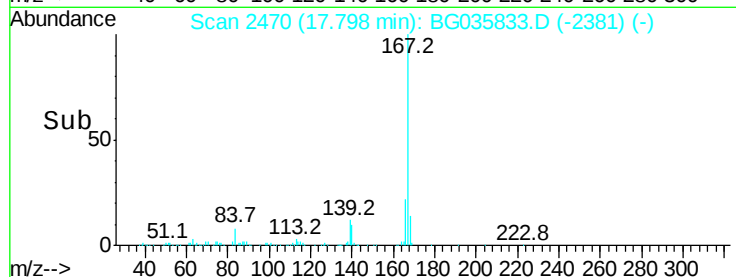
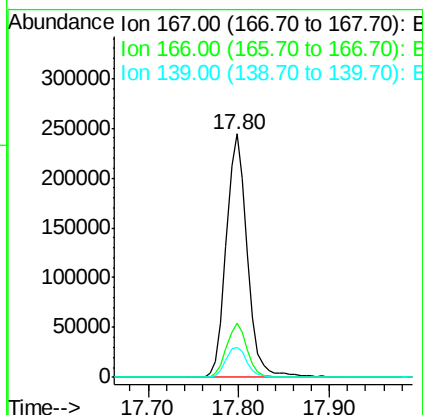
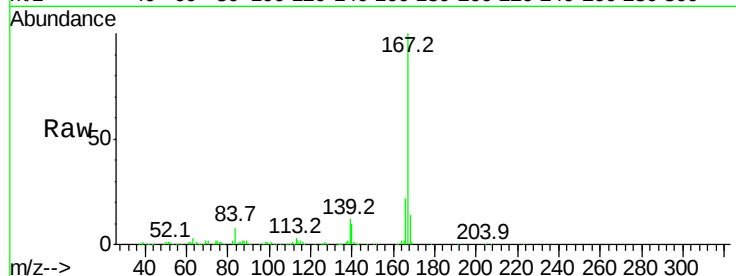
IDOC HP-1

Tot Ion:	167	Resp:	392708
Ion Ratio	Lower	Upper	
167	100		
166	22.4	18.2	27.4
139	12.5	9.4	14.2

Manual Integrations
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#73

Di-n-butylphthalate

Concen: 31.541 ng

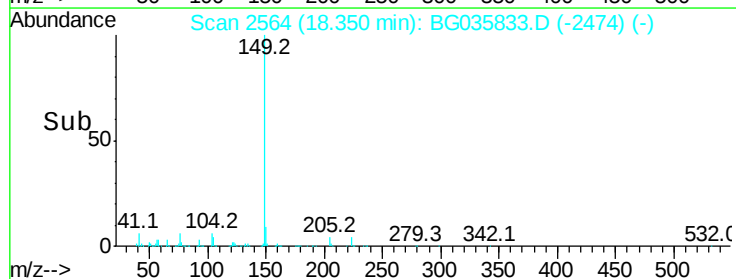
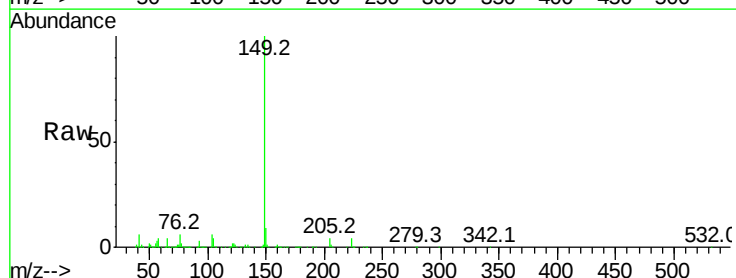
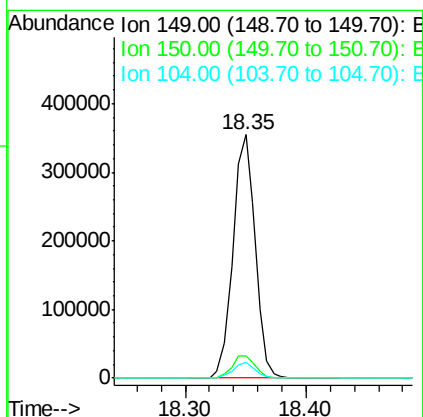
RT: 18.35 min Scan# 2564

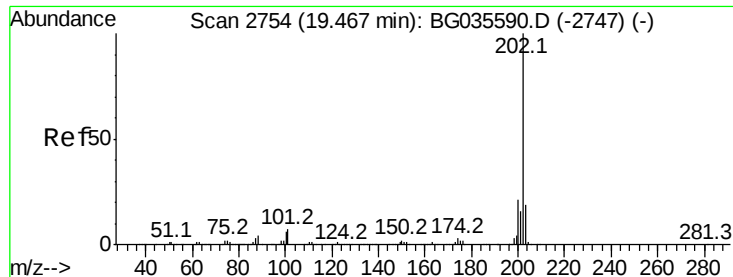
Delta R.T. 0.00 min

Lab File: BG035833.D

Acq: 23 Jul 2018 18:34

Tgt Ion:	149	Resp:	453614
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.8	11.6
104	6.2	3.9	5.9#





#74

Fluoranthene

Concen: 32.491 ng

RT: 19.44 min Scan# 2750

Delta R.T. -0.01 min

Lab File: BG035833.D

Acq: 23 Jul 2018 18:34

Instrument :

BNA_G

ClientSampled :

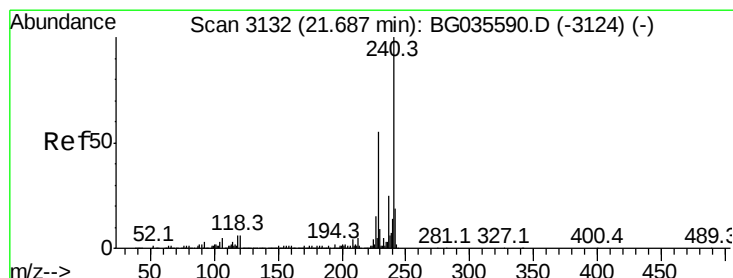
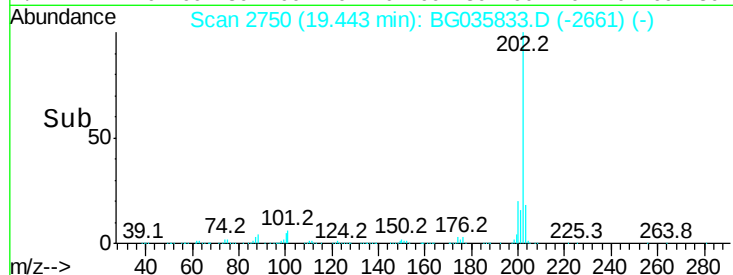
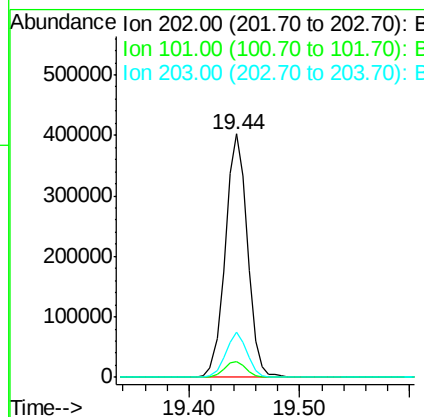
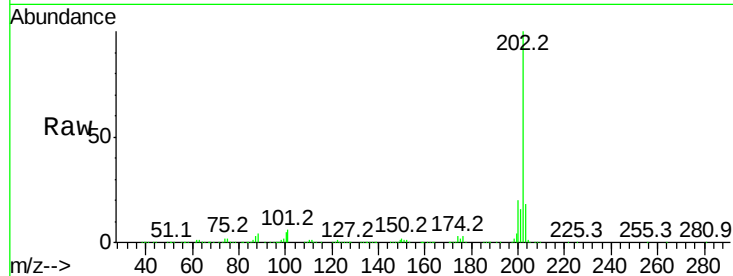
IDOC HP-1

Tot Ion:	202	Resp:	563267
Ion Ratio		Lower	Upper
202	100		
101	6.4	0.0	28.9
203	18.4	0.0	37.5

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#75

Chrysene-d12

Concen: 20.000 ng

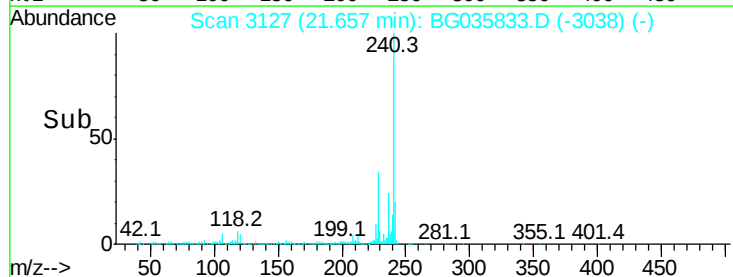
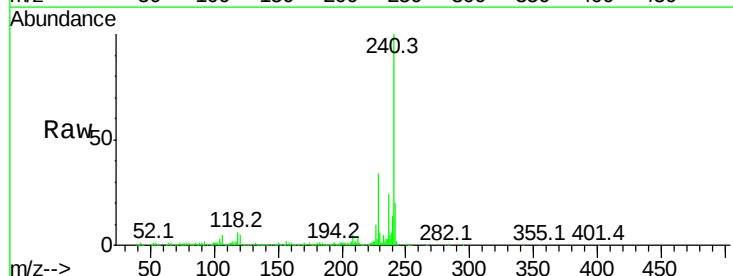
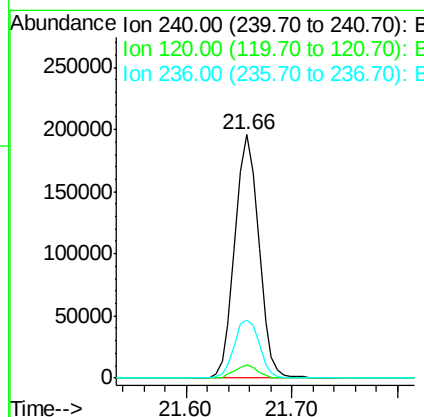
RT: 21.66 min Scan# 3127

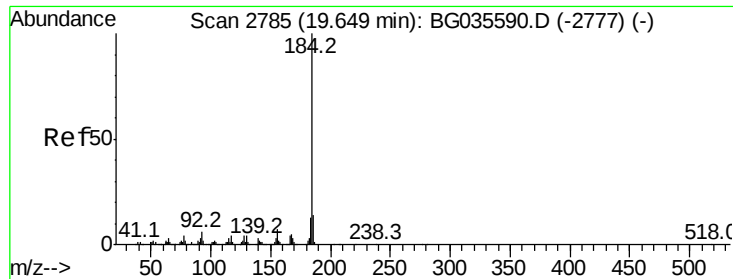
Delta R.T. -0.01 min

Lab File: BG035833.D

Acq: 23 Jul 2018 18:34

Tgt Ion:	240	Resp:	307151
Ion Ratio		Lower	Upper
240	100		
120	5.3	6.8	10.2#
236	24.1	20.9	31.3





#76

Benzidine

Concen: 0.697 ng

RT: 19.65 min Scan# 2785

Delta R.T. 0.02 min

Lab File: BG035833.D

Acq: 23 Jul 2018 18:34

Instrument :

BNA_G

ClientSampleId :

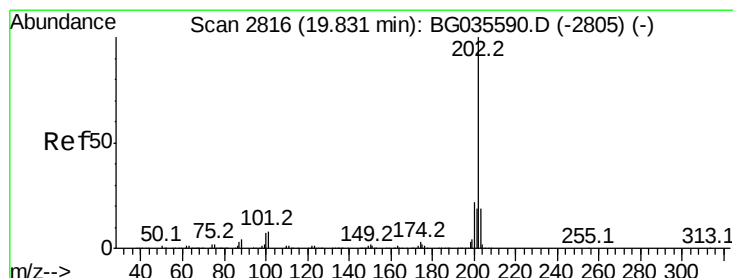
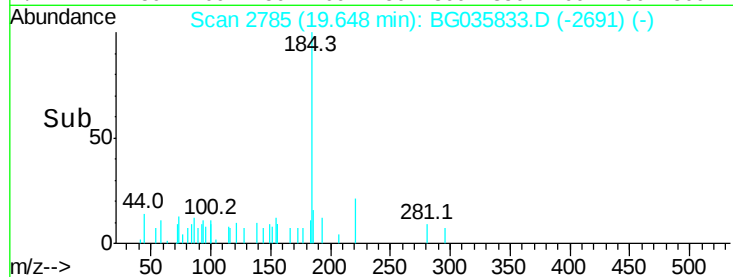
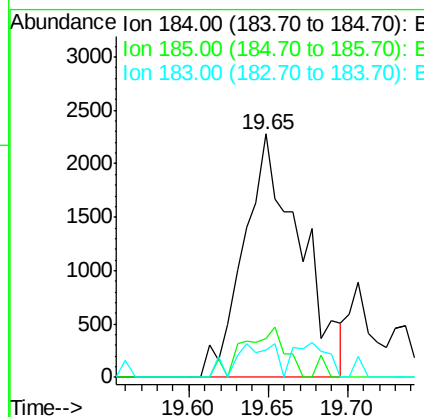
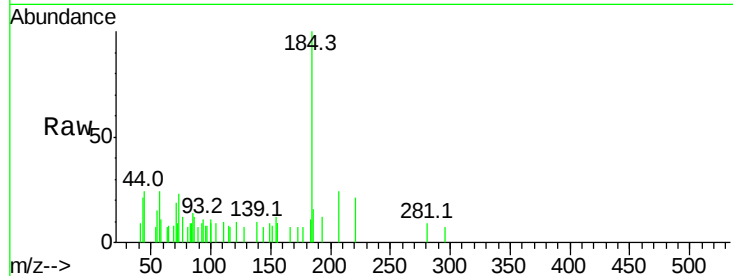
IDOC HP-1

Tot Ion:	184	Resp:	5629
Ion Ratio	Lower	Upper	
184	100		
185	15.7	11.1	16.7
183	11.4	10.6	16.0

Manual Integrations
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#77

Pyrene

Concen: 29.279 ng

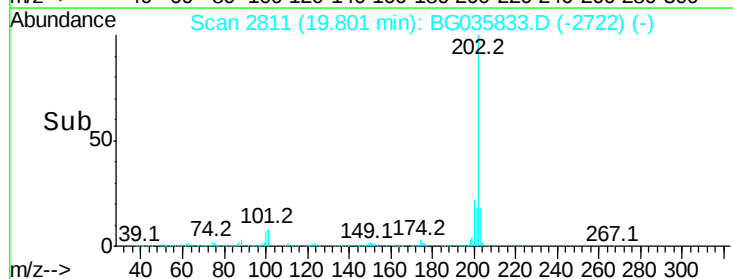
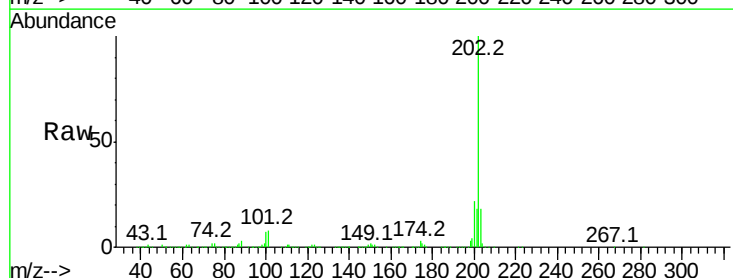
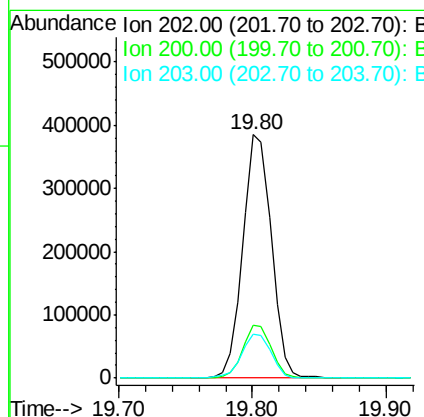
RT: 19.80 min Scan# 2811

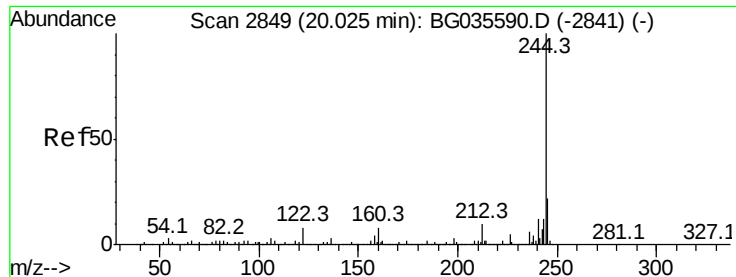
Delta R.T. -0.01 min

Lab File: BG035833.D

Acq: 23 Jul 2018 18:34

Tgt Ion:	202	Resp:	568647
Ion Ratio	Lower	Upper	
202	100		
200	21.5	16.9	25.3
203	17.8	13.9	20.9





#78

Terphenyl-d14

Concen: 63.246 ng

RT: 20.00 min Scan# 2845

Delta R.T. 0.00 min

Lab File: BG035833.D

Acq: 23 Jul 2018 18:34

Instrument :

BNA_G

ClientSampleId :

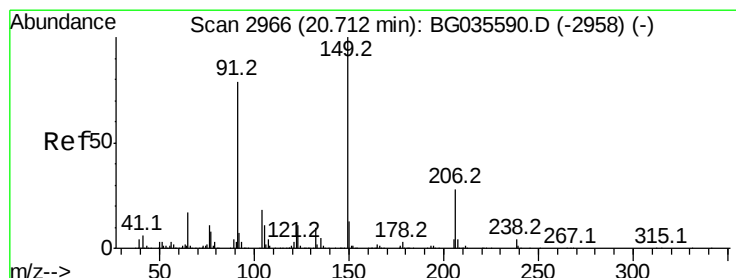
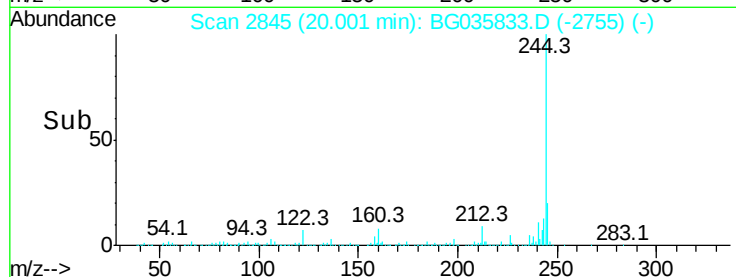
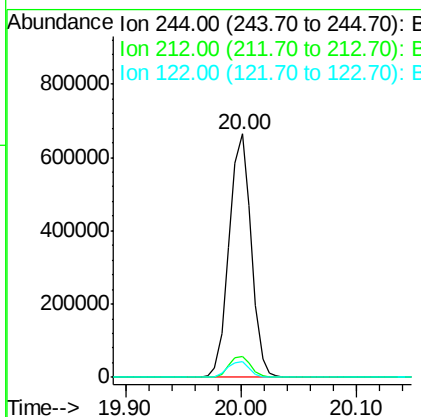
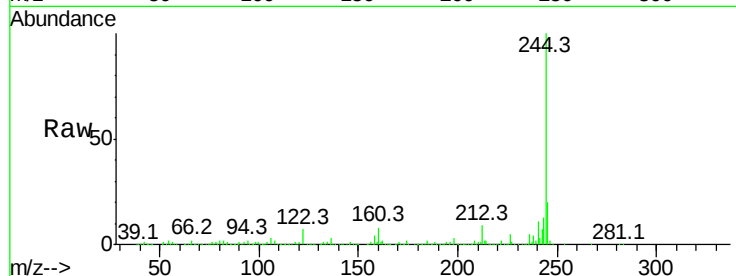
IDOC HP-1

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	6.5	7.0	10.4

Manual Integrations
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Sohil

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#79

Butylbenzylphthalate

Concen: 31.254 ng

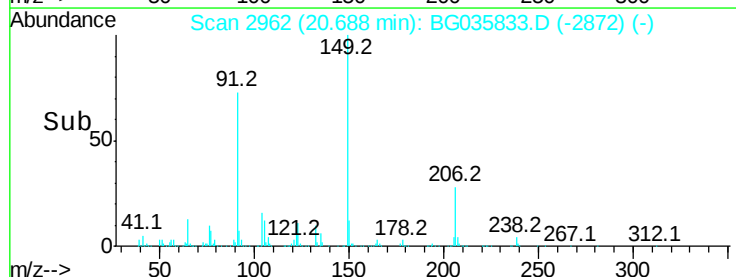
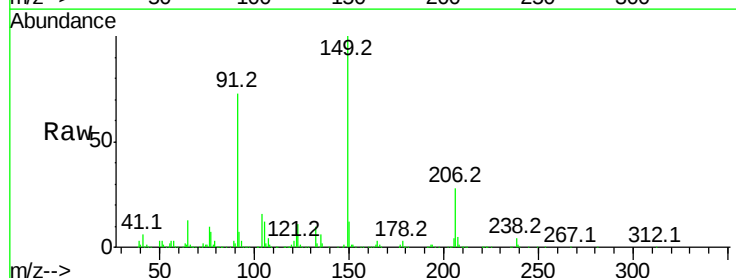
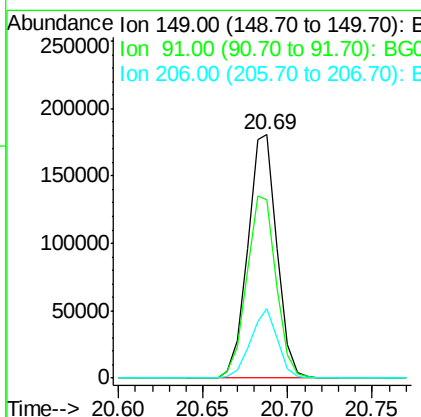
RT: 20.69 min Scan# 2962

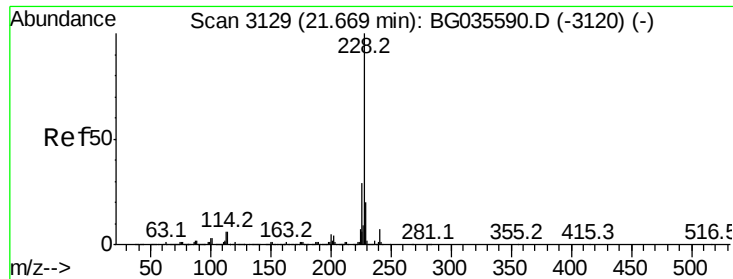
Delta R.T. 0.00 min

Lab File: BG035833.D

Acq: 23 Jul 2018 18:34

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.4	62.2	93.2
206	28.3	18.6	27.8





#80
Benzo(a)anthracene
Concen: 30.427 ng
RT: 21.64 min Scan# 3124
Delta R.T. 0.00 min
Lab File: BG035833.D
Acq: 23 Jul 2018 18:34

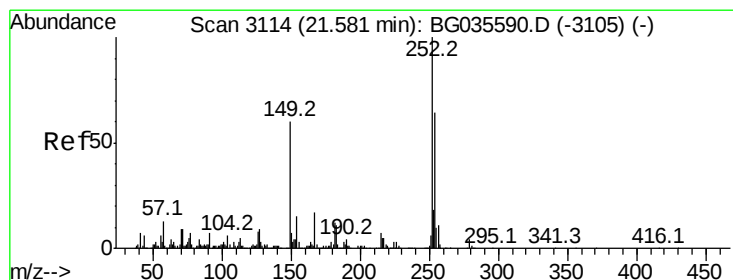
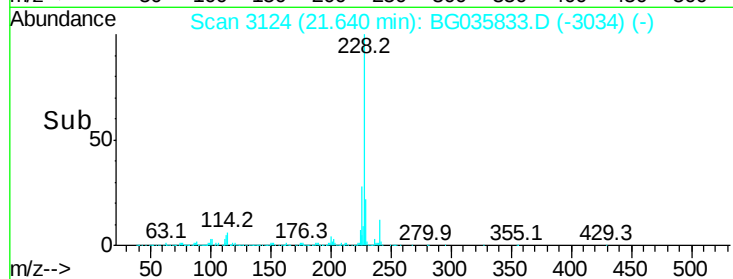
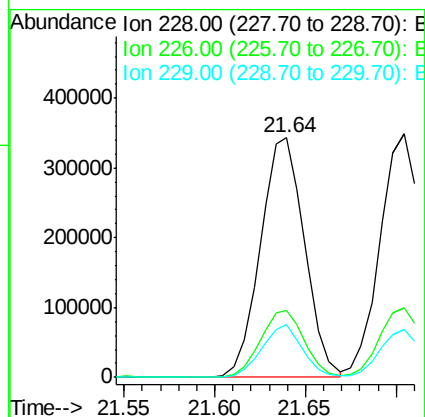
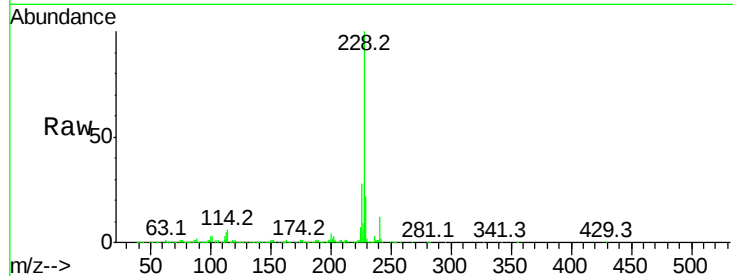
Instrument :
BNA_G
ClientSampleId :
IDOC HP-1

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.7	34.1
229	22.0	16.2	24.2

Manual Integrations
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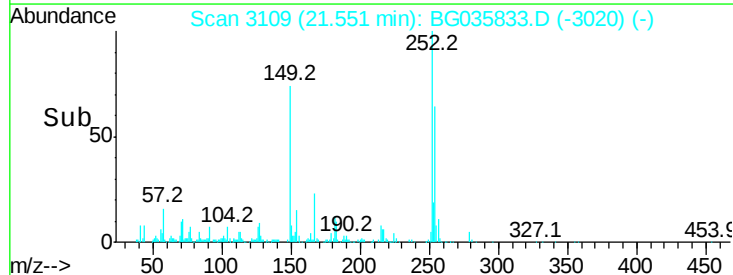
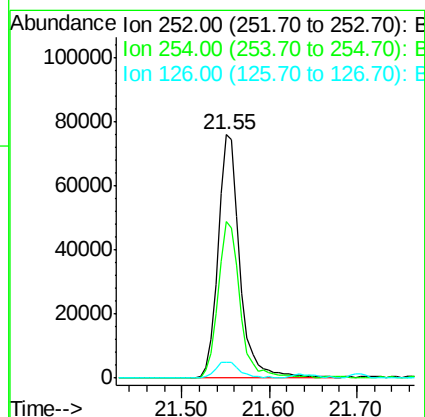
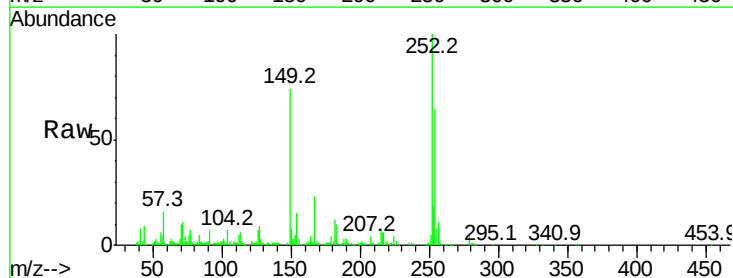
Sohil

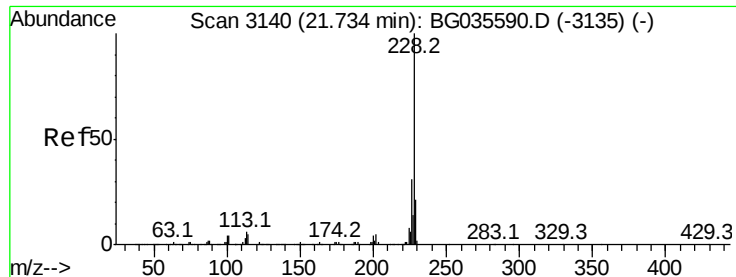
7/24/2018 3:05:50 PM



#81
3,3'-Dichlorobenzidine
Concen: 19.605 ng
RT: 21.55 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BG035833.D
Acq: 23 Jul 2018 18:34

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.3	50.8	76.2
126	6.7	7.4	11.2





#82
Chrysene
Concen: 31.559 ng
RT: 21.70 min Scan# 3135
Delta R.T. -0.01 min
Lab File: BG035833.D
Acq: 23 Jul 2018 18:34

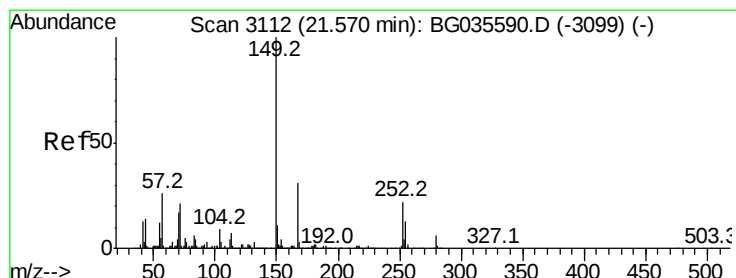
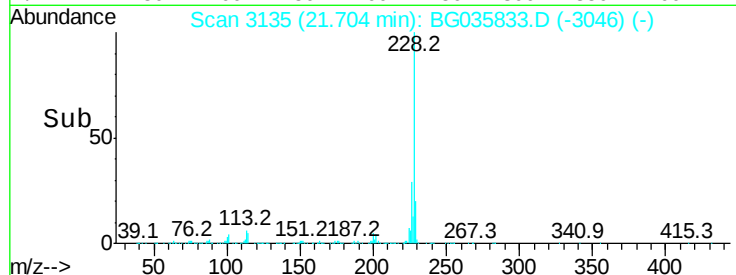
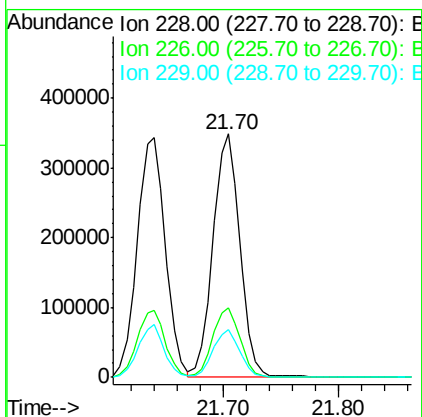
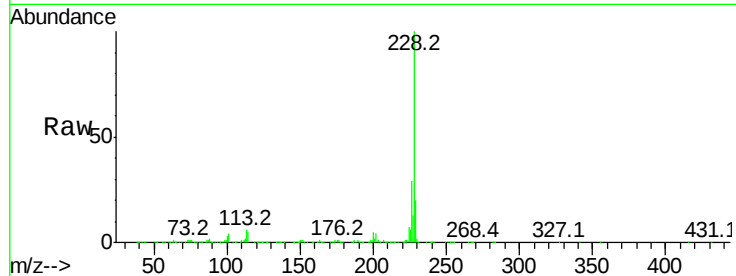
Instrument :
BNA_G
ClientSampleId :
IDOC HP-1

Tot Ion:	228	Resp:	559766
Ion Ratio	Lower	Upper	
228	100		
226	28.8	24.9	37.3
229	19.6	15.0	22.4

Manual Integrations
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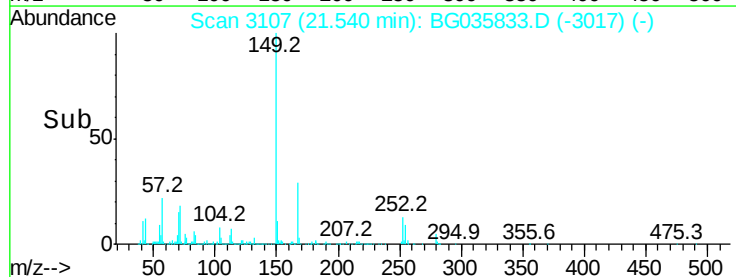
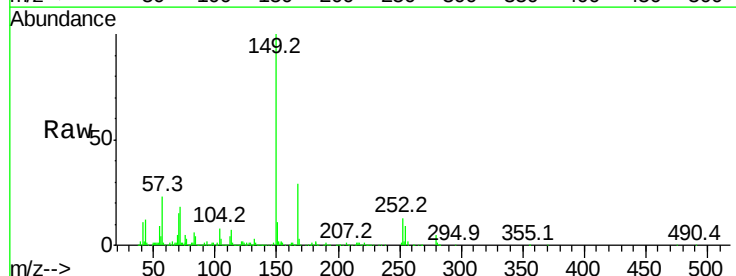
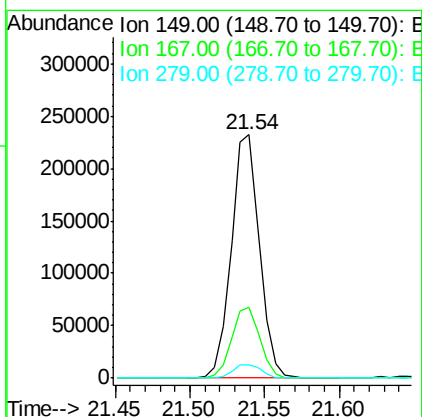
Sohil

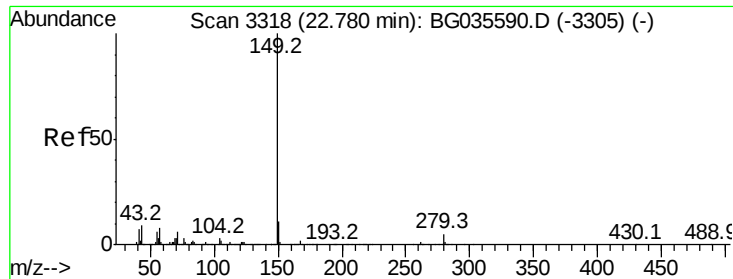
7/24/2018 3:05:50 PM



#83
Bis(2-ethylhexyl)phthalate
Concen: 32.287 ng
RT: 21.54 min Scan# 3107
Delta R.T. 0.00 min
Lab File: BG035833.D
Acq: 23 Jul 2018 18:34

Tgt Ion:	149	Resp:	304859
Ion Ratio	Lower	Upper	
149	100		
167	29.0	24.3	36.5
279	5.3	4.0	6.0





#84

Di-n-octyl phthalate

Concen: 32.903 ng

RT: 22.74 min Scan# 3311

Delta R.T. -0.01 min

Lab File: BG035833.D

Acq: 23 Jul 2018 18:34

Instrument :

BNA_G

ClientSampleId :

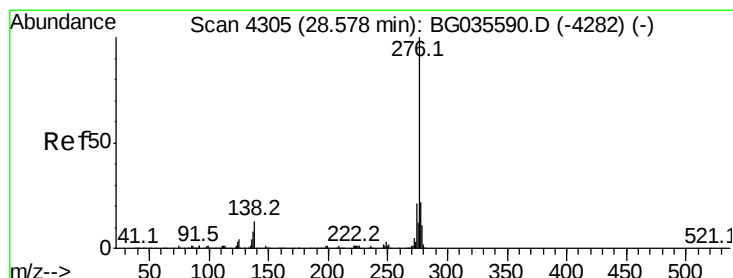
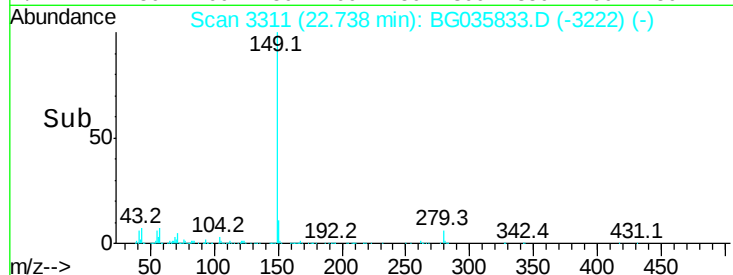
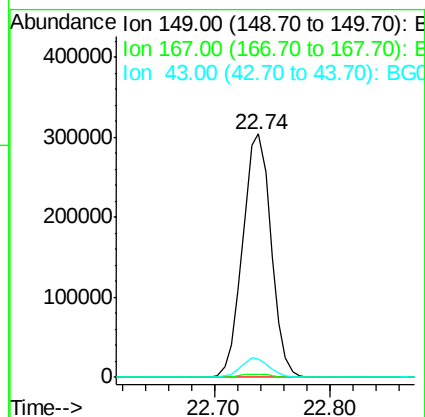
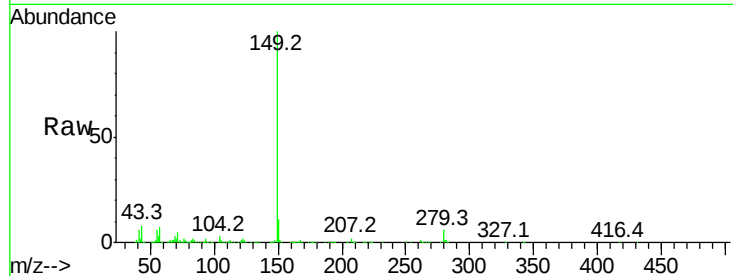
IDOC HP-1

Tot Ion:	149	Resp:	520170
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.4	2.0
43	8.1	8.9	13.3#

Manual Integrations
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Sohil

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#85

Indeno(1,2,3-cd)pyrene

Concen: 31.443 ng

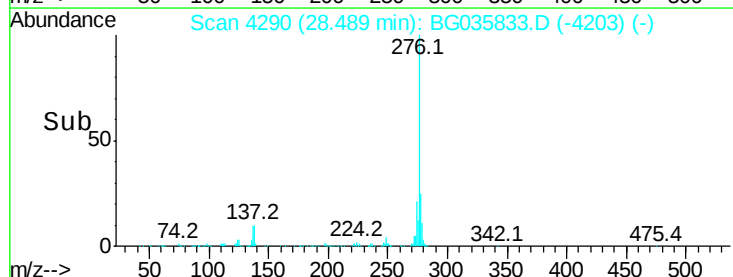
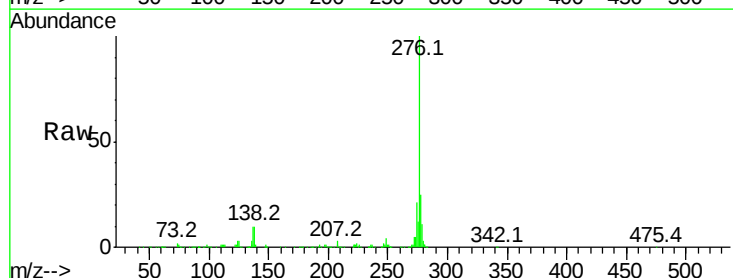
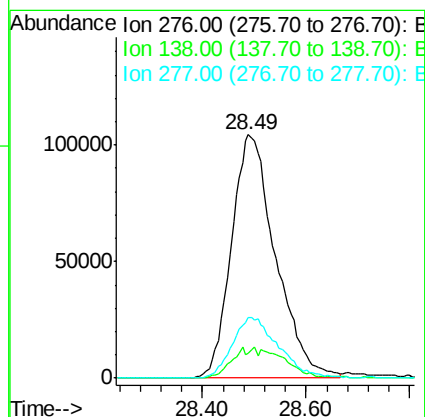
RT: 28.49 min Scan# 4290

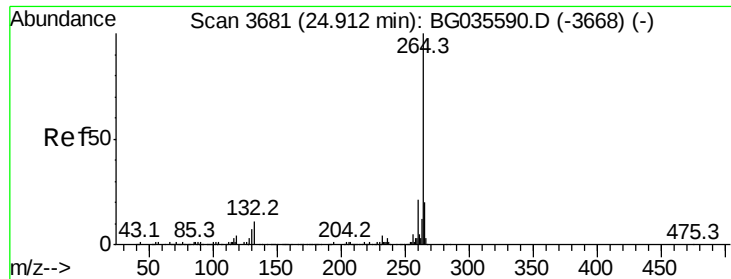
Delta R.T. -0.02 min

Lab File: BG035833.D

Acq: 23 Jul 2018 18:34

Tgt Ion:	276	Resp:	617473
Ion Ratio	Lower	Upper	
276	100		
138	4.4	16.0	24.0#
277	26.2	20.0	30.0





#86

Pervlene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3672

Delta R.T. 0.00 min

Lab File: BG035833.D

Acq: 23 Jul 2018 18:34

Instrument :

BNA_G

ClientSampled :

IDOC HP-1

Tot Ion:264 Resp: 294498

Ion Ratio Lower Upper

264 100

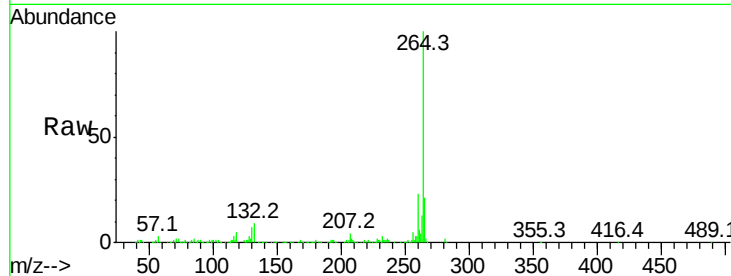
260 22.6 17.4 26.0

265 21.1 17.7 26.5

Manual Integrations
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Sohil

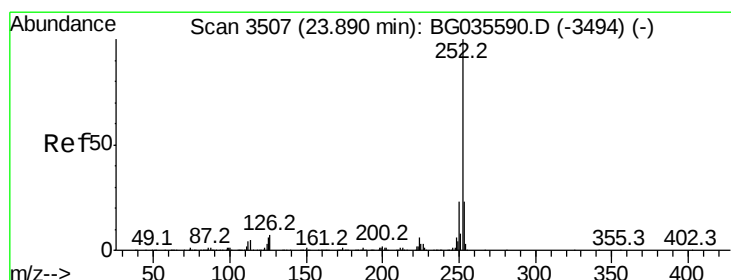
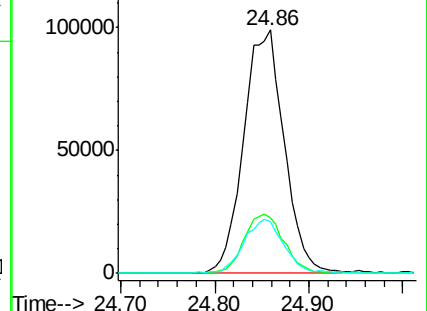
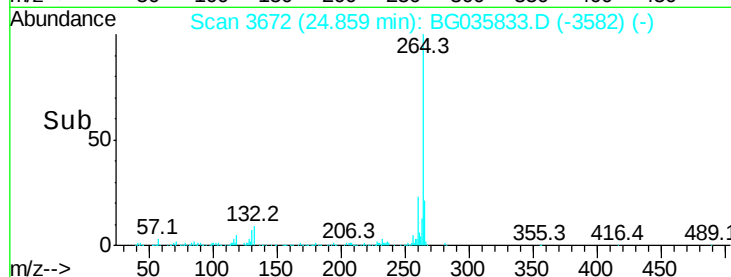
7/24/2018 3:05:50 PM



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 31.636 ng

RT: 23.84 min Scan# 3498

Delta R.T. -0.01 min

Lab File: BG035833.D

Acq: 23 Jul 2018 18:34

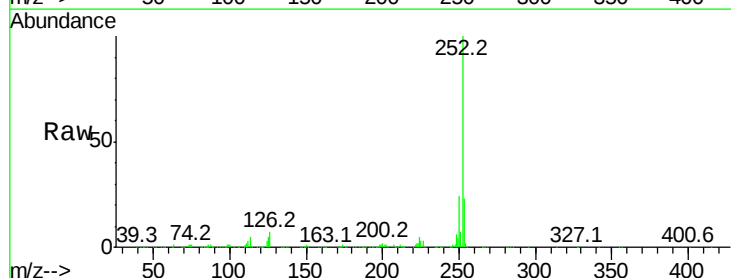
Tgt Ion:252 Resp: 566272

Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.4

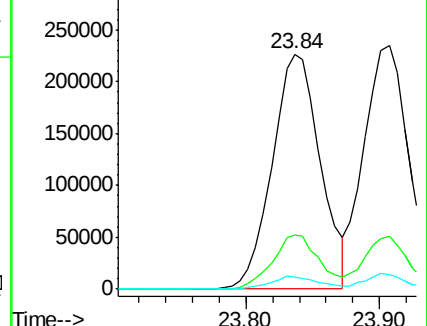
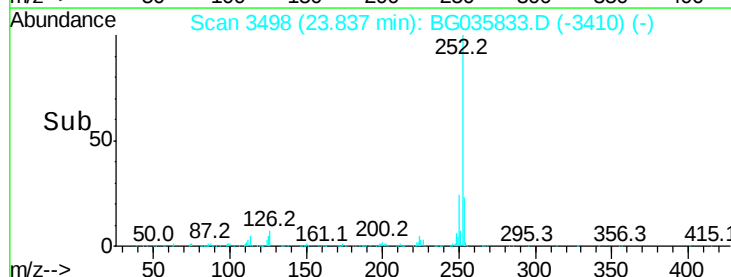
125 5.1 7.2 10.8#

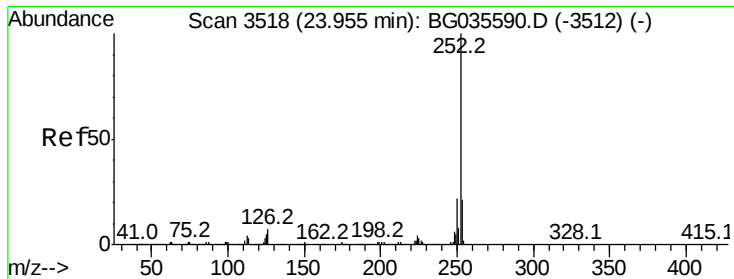


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 31.083 ng

RT: 23.91 min Scan# 3510

Delta R.T. -0.01 min

Lab File: BG035833.D

Acq: 23 Jul 2018 18:34

Instrument :

BNA_G

ClientSampleId :

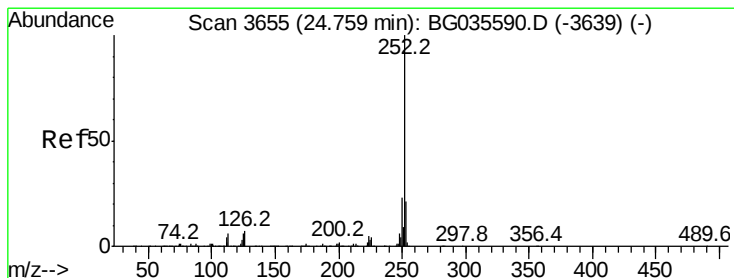
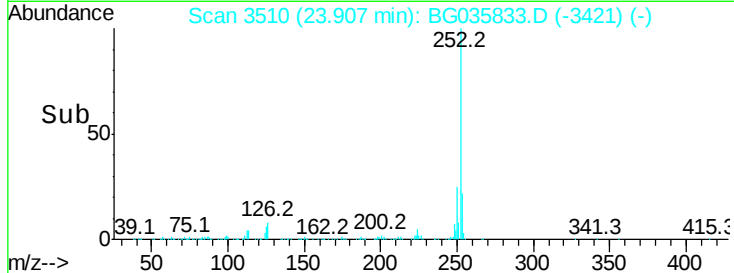
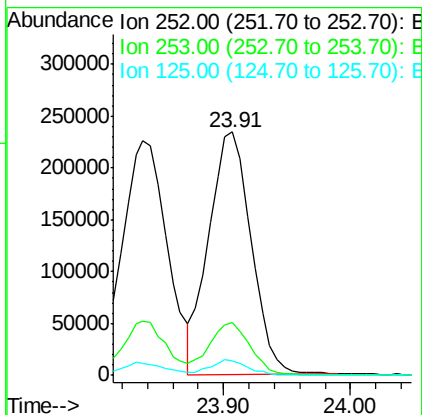
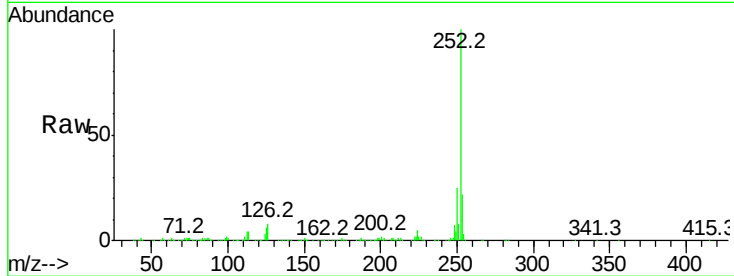
IDOC HP-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	6.0	6.6	9.8

Manual Integrations
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#89

Benzo(a)pyrene

Concen: 32.714 ng

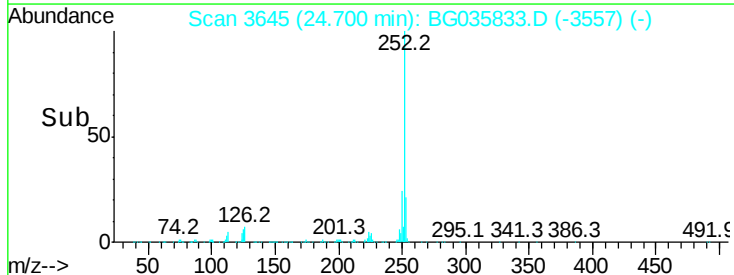
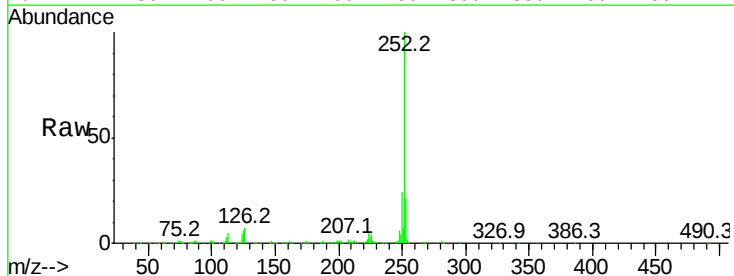
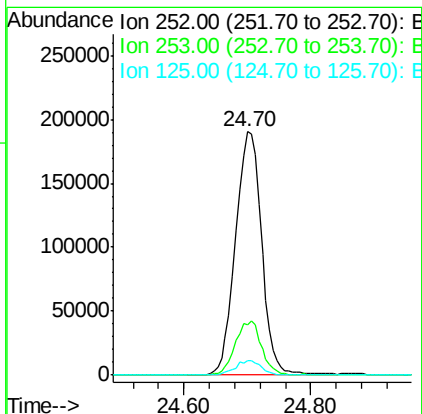
RT: 24.70 min Scan# 3645

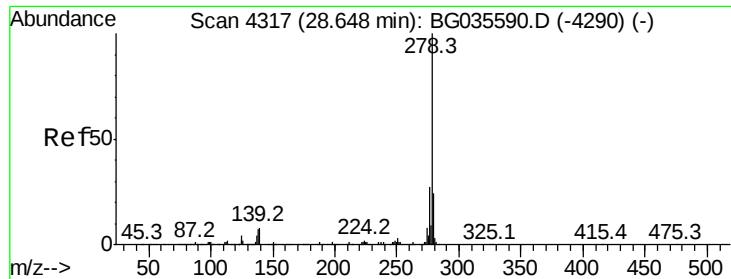
Delta R.T. -0.01 min

Lab File: BG035833.D

Acq: 23 Jul 2018 18:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.8	18.3	27.5
125	5.7	7.3	10.9





#90

Dibenzo(a,h)anthracene

Concen: 30.921 ng

RT: 28.55 min Scan# 4301

Delta R.T. -0.02 min

Lab File: BG035833.D

Acq: 23 Jul 2018 18:34

Instrument :

BNA_G

ClientSampleId :

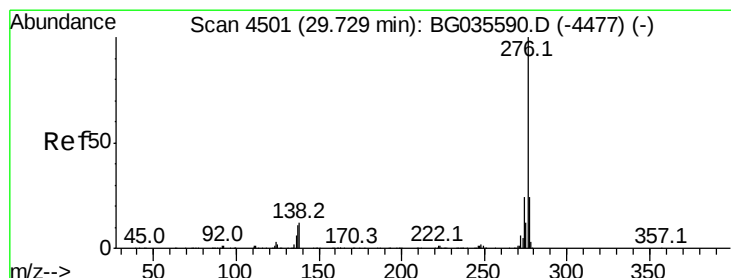
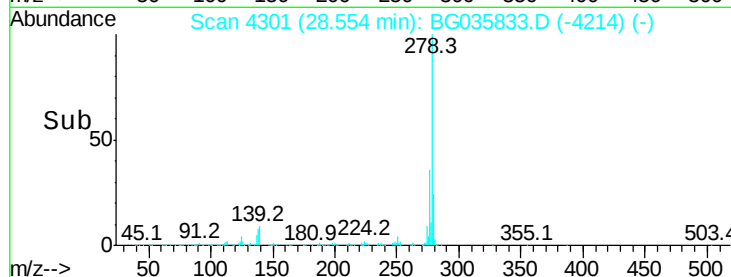
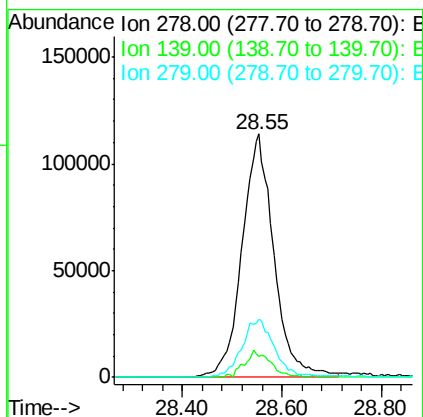
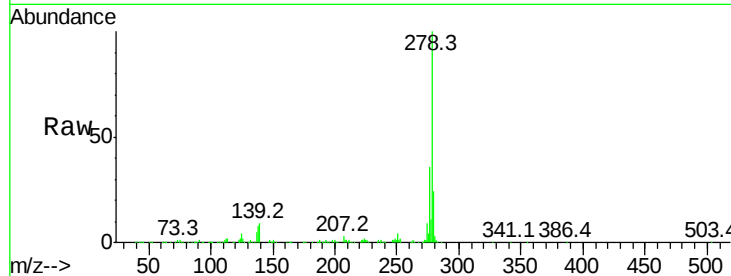
IDOC HP-1

Tot Ion:	278	Resp:	505502
Ion Ratio	Lower	Upper	
278	100		
139	8.6	9.8	14.6#
279	23.9	18.4	27.6

Manual Integrations
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Sohil

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#91

Benzo(g,h,i)perylene

Concen: 32.331 ng

RT: 29.63 min Scan# 4485

Delta R.T. -0.02 min

Lab File: BG035833.D

Acq: 23 Jul 2018 18:34

Tgt Ion:	276	Resp:	517210
Ion Ratio	Lower	Upper	
276	100		
277	22.4	18.3	27.5
138	12.9	13.9	20.9#

