

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060718\
 Data File : BG034948.D
 Acq On : 7 Jun 2018 11:16
 Operator : SJ/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Sohil
 6/8/2018 4:44:39 PM

Quant Time: Jun 07 11:56:09 2018
 Quant Method : Z:\HPCHEM1\BNA G\Methods\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 07 11:19:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	35758	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	140034	20.00	ng	0.00
38) Acenaphthene-d10	14.70	164	96229	20.00	ng	0.00
63) Phenanthrene-d10	17.45	188	243948	20.00	ng	0.00
75) Chrysene-d12	21.72	240	243303	20.00	ng	0.00
86) Perylene-d12	24.97	264	243907	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	207581	89.41	ng	0.00
7) Phenol-d6	7.23	99	309893	82.51	ng	0.00
23) Nitrobenzene-d5	9.25	82	309664	84.47	ng	0.00
41) 2,4,6-Tribromophenol	16.19	330	128324	77.43	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	731296	103.17	ng	0.00
78) Terphenyl-d14	20.06	244	1158345	104.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.57	88	47395	49.702	ng	# 77
3) Pyridine	3.96	79	139897	45.490	ng	# 78
4) n-Nitrosodimethylamine	3.88	42	59597	33.133	ng	# 87
6) Aniline	7.41	93	195550	39.887	ng	98
8) 2-Chlorophenol	7.64	128	106753	43.481	ng	97
9) Benzaldehyde	7.22	77	115560	44.532	ng	96
10) Phenol	7.26	94	157523	42.057	ng	92
11) bis(2-Chloroethyl)ether	7.50	93	121809	43.049	ng	91
12) 1,3-Dichlorobenzene	7.97	146	128118m	44.343	ng	
13) 1,4-Dichlorobenzene	8.12	146	131279	44.624	ng	97
14) 1,2-Dichlorobenzene	8.44	146	123670	42.828	ng	96
15) Benzyl Alcohol	8.31	79	149546	38.912	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.61	45	121051m	37.694	ng	
17) 2-Methylphenol	8.51	107	104348	41.472	ng	# 91
18) Hexachloroethane	9.17	117	48729	39.371	ng	98
19) n-Nitroso-di-n-propylamine	8.89	70	124925	40.613	ng	# 87
20) 3+4-Methylphenols	8.84	107	149181	42.526	ng	90
22) Acetophenone	8.91	105	216450	48.383	ng	94
24) Nitrobenzene	9.29	77	159804	42.002	ng	93
25) Isophorone	9.81	82	308811	43.460	ng	99
26) 2-Nitrophenol	10.00	139	57703	42.471	ng	# 91
27) 2,4-Dimethylphenol	10.05	122	107265	45.153	ng	93
28) bis(2-Chloroethoxy)methane	10.29	93	168321	47.065	ng	97
29) 2,4-Dichlorophenol	10.53	162	119682	48.311	ng	95
30) 1,2,4-Trichlorobenzene	10.75	180	144269	48.978	ng	96
31) Naphthalene	10.94	128	363444	49.918	ng	98
32) Benzoic acid	10.19	122	79272	47.120	ng	92
33) 4-Chloroaniline	11.04	127	160851	50.657	ng	93
34) Hexachlorobutadiene	11.23	225	110867	47.376	ng	94
35) Caprolactam	11.81	113	44092	46.817	ng	# 66
36) 4-Chloro-3-methylphenol	12.16	107	149915	44.912	ng	95
37) 2-Methylnaphthalene	12.54	142	274219	46.637	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	183509	50.743	ng	99
40) Hexachlorocyclopentadiene	12.89	237	115682	40.850	ng	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.14	196	108706	48.316	nq	99
43) 2,4,5-Trichlorophenol	13.21	196	119679	48.480	nq	95
45) 1,1'-Biphenyl	13.54	154	384850	50.779	nq	97
46) 2-Chloronaphthalene	13.59	162	289894	48.593	nq	97
47) 2-Nitroaniline	13.78	65	94049	38.588	nq	96
48) Acenaphthylene	14.43	152	486711	53.310	nq	98
49) Dimethylphthalate	14.16	163	411682	49.564	nq	99
50) 2,6-Dinitrotoluene	14.28	165	79937	46.930	nq	96
51) Acenaphthene	14.77	154	322232	54.443	nq	98
52) 3-Nitroaniline	14.60	138	80816	51.334	nq #	96
53) 2,4-Dinitrophenol	14.80	184	33503	29.897	nq #	60
54) Dibenzofuran	15.10	168	477268	49.158	nq	93
55) 4-Nitrophenol	14.89	139	66769	48.263	nq #	83
56) 2,4-Dinitrotoluene	15.06	165	109632	43.360	nq	93
57) Fluorene	15.76	166	395832	52.239	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.32	232	117272	43.547	nq	100
59) Diethylphthalate	15.53	149	418586	48.458	nq	97
60) 4-Chlorophenyl-phenylether	15.75	204	226735	50.388	nq	96
61) 4-Nitroaniline	15.77	138	85750	48.047	nq #	75
62) Azobenzene	16.04	77	411130	44.834	nq	95
64) 4,6-Dinitro-2-methylphenol	15.82	198	58860	37.626	nq	85
65) n-Nitrosodiphenylamine	15.96	169	362638	50.834	nq	99
66) 4-Bromophenyl-phenylether	16.64	248	145280	45.252	nq	93
67) Hexachlorobenzene	16.75	284	149577	42.162	nq	97
68) Atrazine	16.91	200	154422	48.844	nq	97
69) Pentachlorophenol	17.10	266	108286	50.614	nq	96
70) Phenanthrene	17.49	178	619624	46.635	nq	98
71) Anthracene	17.58	178	617004	45.828	nq	98
72) Carbazole	17.85	167	571035	51.251	nq	99
73) Di-n-butylphthalate	18.42	149	674275	48.879	nq #	98
74) Fluoranthene	19.50	202	792572	48.536	nq	97
76) Benzidine	19.67	184	443967	72.124	nq #	96
77) Pyrene	19.86	202	796678	52.311	nq	98
79) Butylbenzylphthalate	20.76	149	302653	51.541	nq	96
80) Benzo(a)anthracene	21.71	228	772583	48.868	nq	99
81) 3,3'-Dichlorobenzidine	21.62	252	301715	49.066	nq	99
82) Chrysene	21.78	228	714469	49.275	nq	97
83) Bis(2-ethylhexyl)phthalate	21.64	149	419872	52.648	nq #	98
84) Di-n-octyl phthalate	22.88	149	725658	54.358	nq	96
85) Indeno(1,2,3-cd)pyrene	28.69	276	858447	46.272	nq #	88
87) Benzo(b)fluoranthene	23.95	252	759966	49.240	nq #	95
88) Benzo(k)fluoranthene	24.02	252	749580	51.127	nq #	97
89) Benzo(a)pyrene	24.83	252	726033	49.562	nq #	95
90) Dibenzo(a,h)anthracene	28.76	278	704673	48.508	nq #	96
91) Benzo(g,h,i)perylene	29.85	276	695330	47.615	nq #	94

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

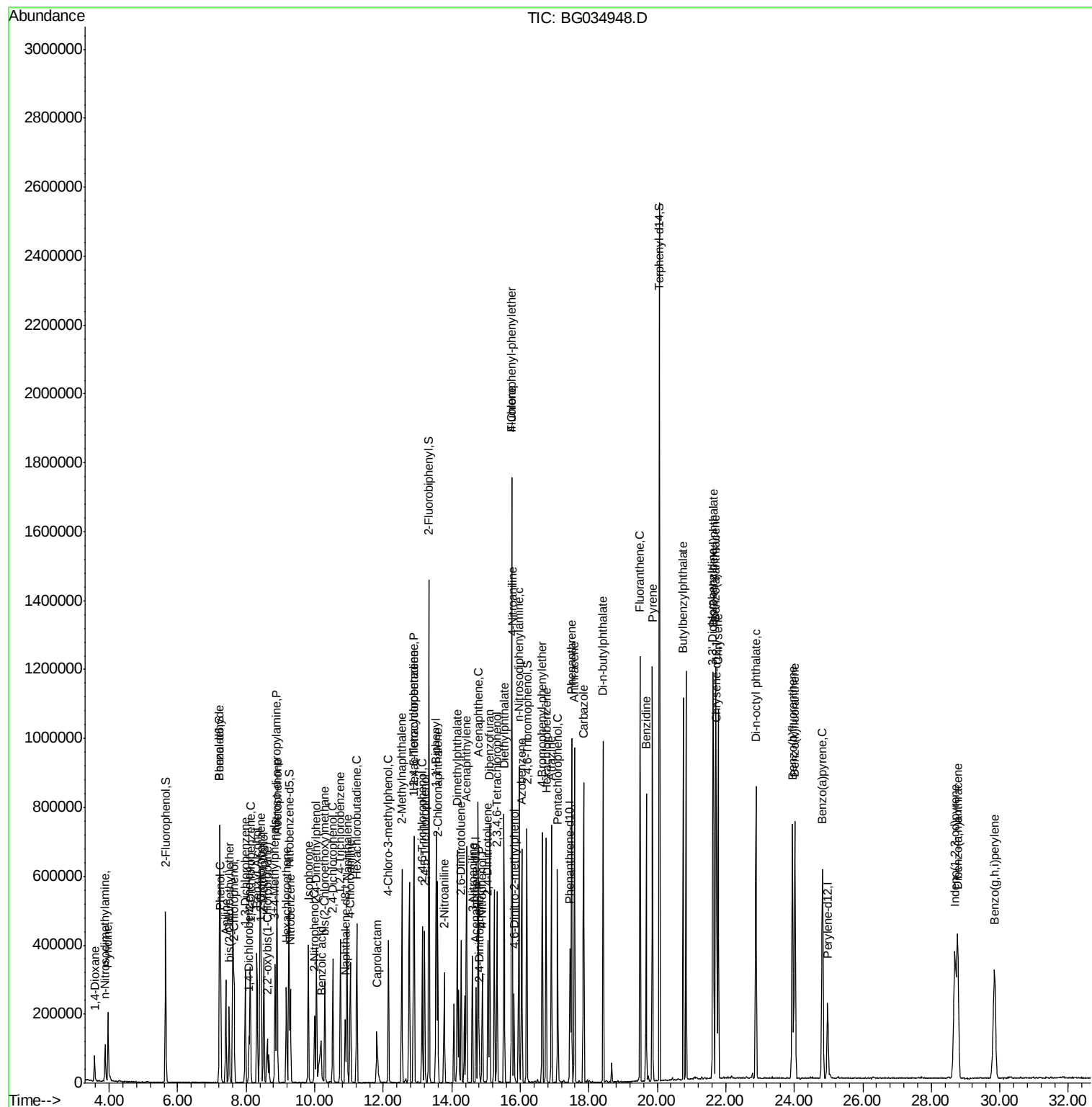
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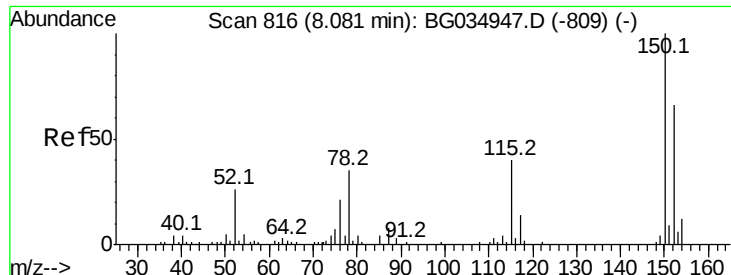
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

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#1

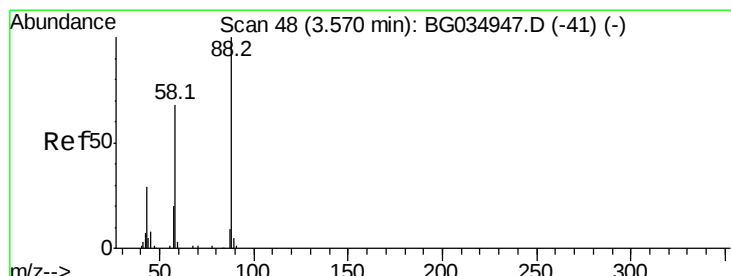
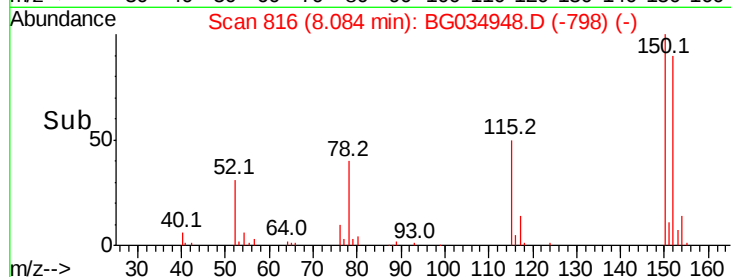
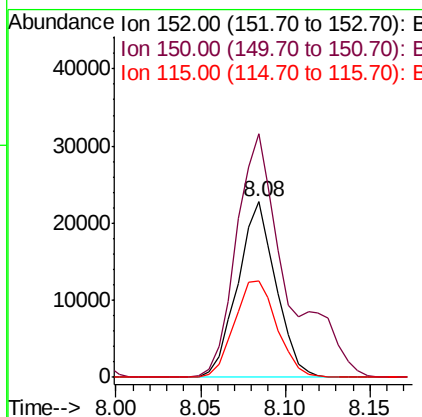
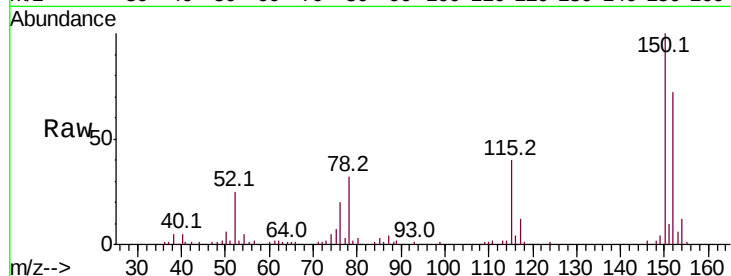
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. 0.00 min
Lab File: BG034948.D
Acq: 7 Jun 2018 11:16

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
152	100		
150	138.6	126.6	189.8
115	55.1	53.0	79.4

Manual Integrations
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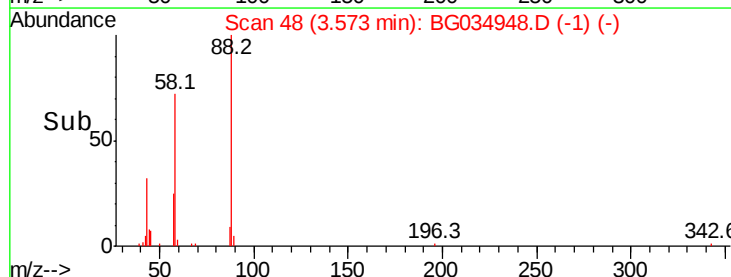
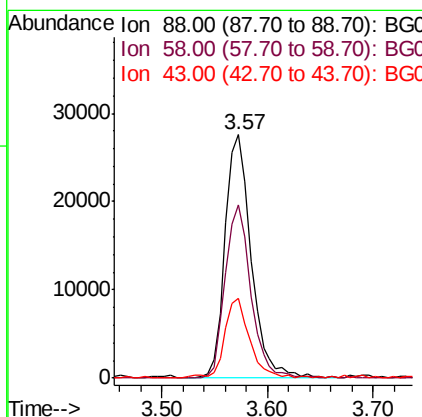
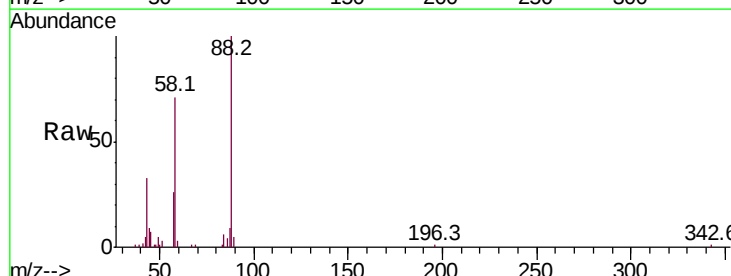
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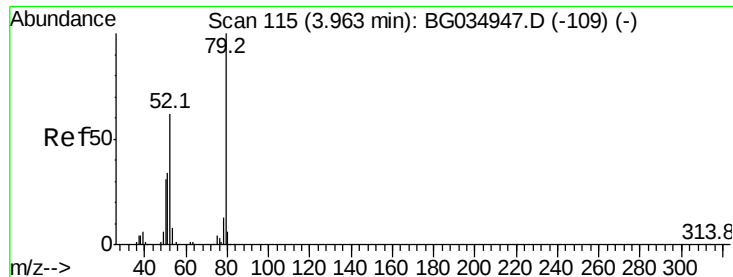


#2

1,4-Dioxane
Concen: 49.702 ng
RT: 3.57 min Scan# 48
Delta R.T. 0.00 min
Lab File: BG034948.D
Acq: 7 Jun 2018 11:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.9	79.6	119.4#
43	31.2	27.4	41.0





#3

Pvridine

Concen: 45.490 ng

RT: 3.96 min Scan# 114

Delta R.T. -0.00 min

Lab File: BG034948.D

Acq: 7 Jun 2018 11:16

Instrument :

BNA_G

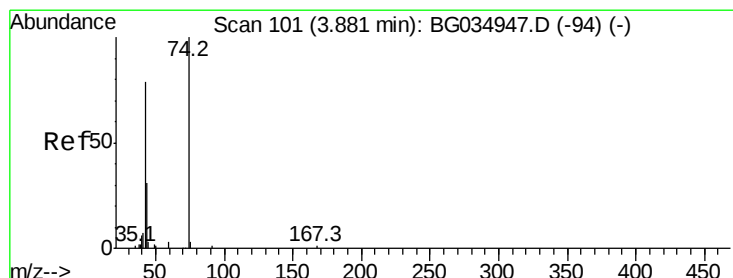
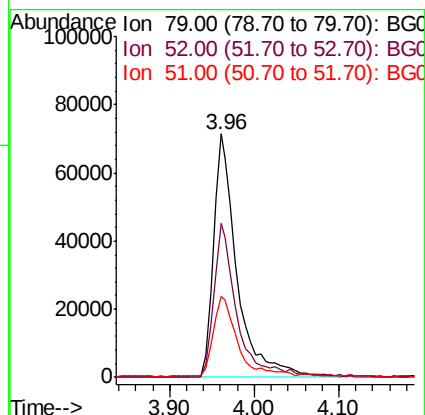
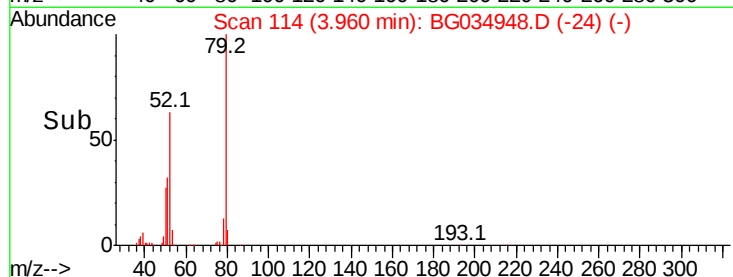
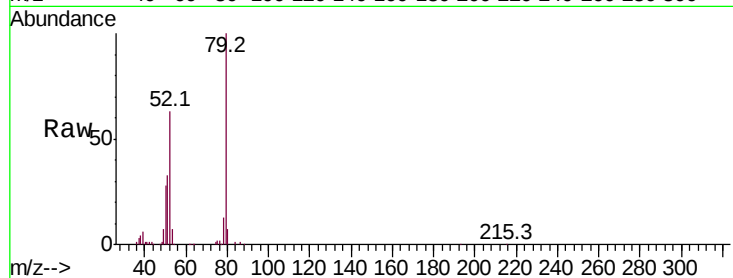
ClientSampleId :

SSTDIC050

Tot Ion	Ratio	Lower	Upper
79	100		
52	63.1	69.9	104.9#
51	33.1	34.0	51.0#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 33.133 ng

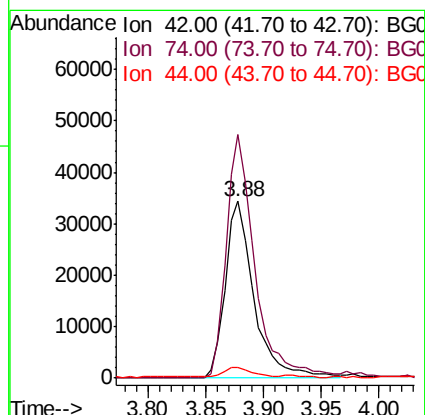
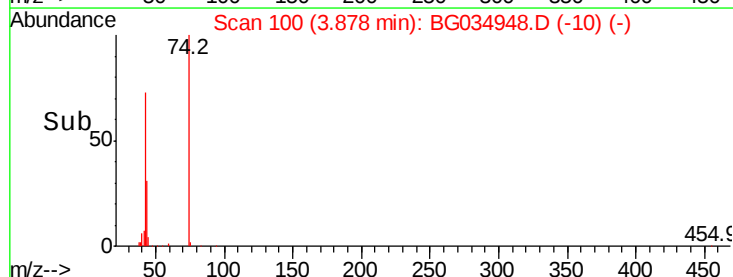
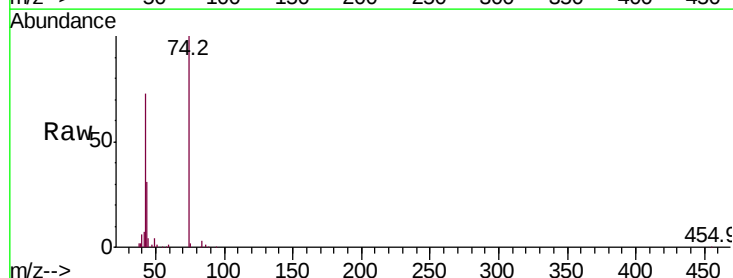
RT: 3.88 min Scan# 100

Delta R.T. -0.00 min

Lab File: BG034948.D

Acq: 7 Jun 2018 11:16

Tgt Ion	Ratio	Lower	Upper
42	100		
74	137.7	102.5	153.7
44	6.1	18.9	28.3#





#5

2-Fluorophenol

Concen: 89.413 ng

RT: 5.65 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG034948.D

Acq: 7 Jun 2018 11:16

Instrument :

BNA_G

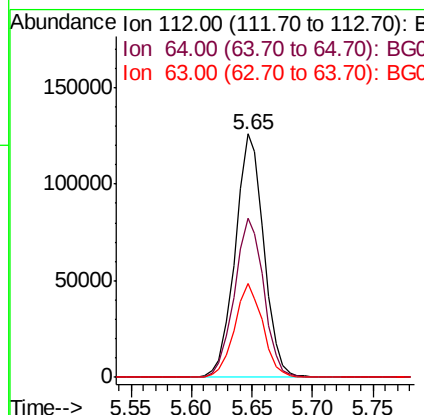
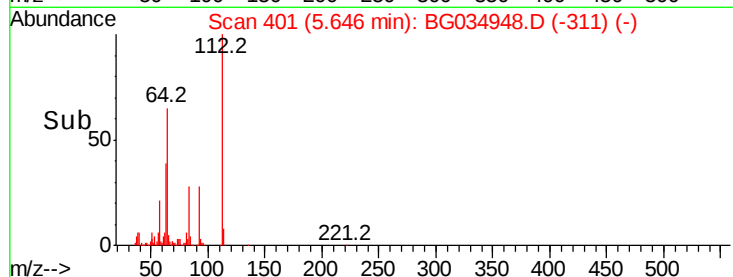
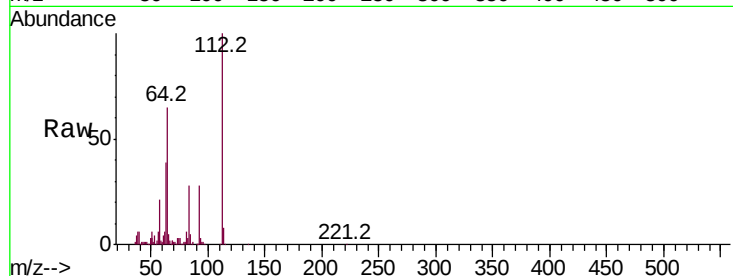
ClientSampleId :

SSTDICC050

Tot Ion:	112	Resp:	207581
Ion Ratio	Lower	Upper	
112	100		
64	65.4	56.3	84.5
63	38.6	30.1	45.1

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#6

Aniline

Concen: 39.887 ng

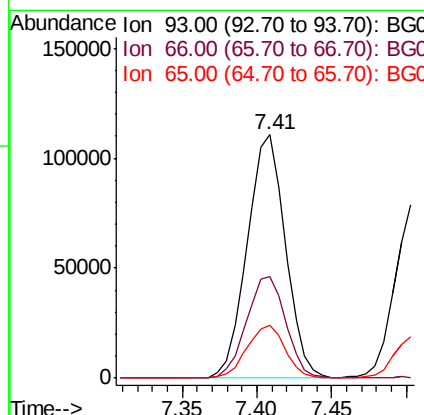
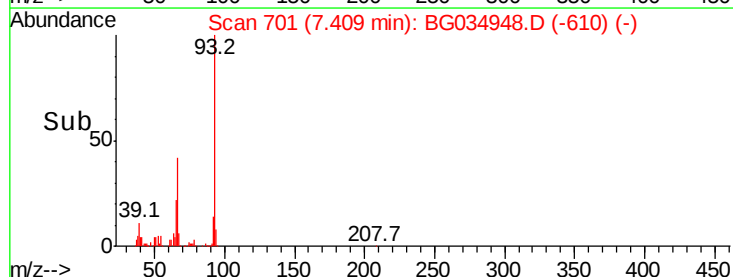
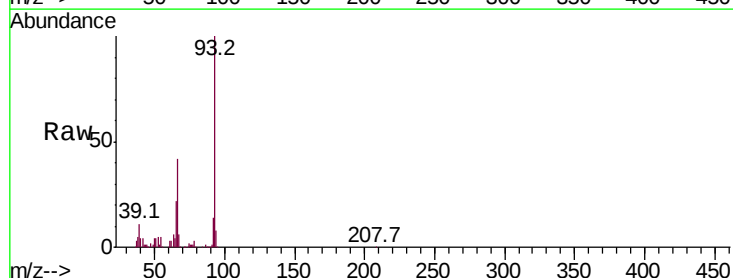
RT: 7.41 min Scan# 701

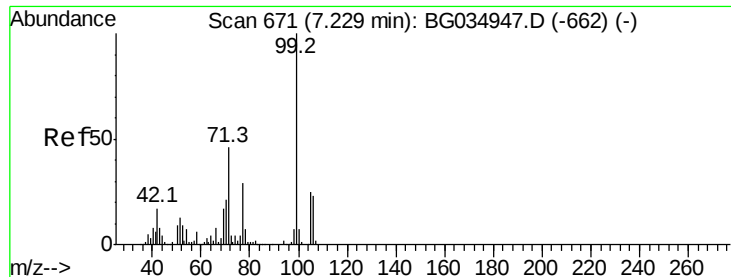
Delta R.T. 0.00 min

Lab File: BG034948.D

Acq: 7 Jun 2018 11:16

Tgt Ion:	93	Resp:	195550
Ion Ratio	Lower	Upper	
93	100		
66	41.8	33.7	50.5
65	21.9	16.1	24.1





#7

Phenol-d6

Concen: 82.514 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG034948.D

Acq: 7 Jun 2018 11:16

Instrument :

BNA_G

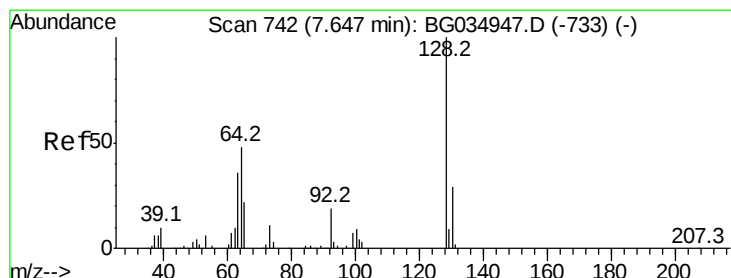
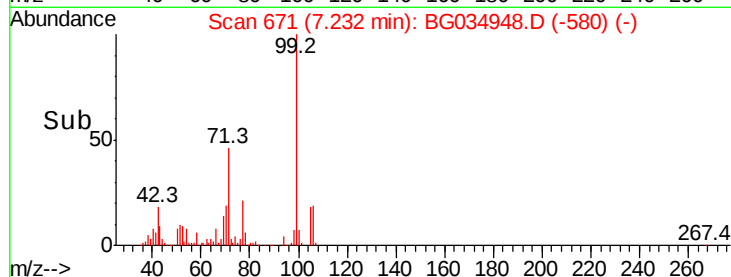
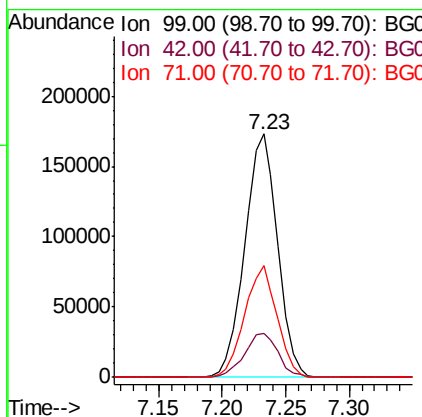
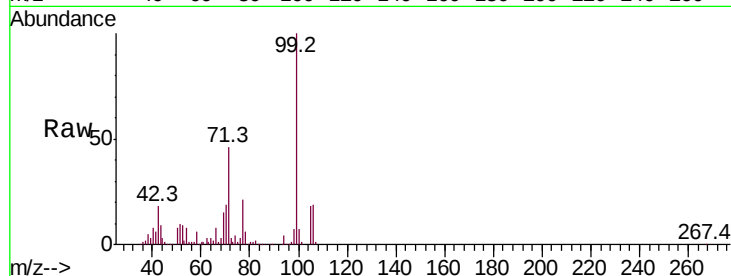
ClientSampleId :

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Tot Ion	99	Resp	309893
Ion Ratio	Lower	Upper	
99	100		
42	17.8	14.1	21.1
71	45.8	26.1	39.1

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#8

2-Chlorophenol

Concen: 43.481 ng

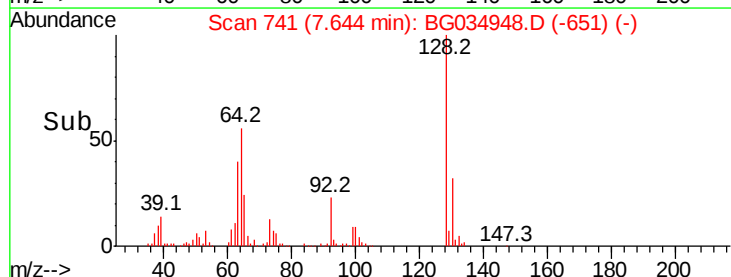
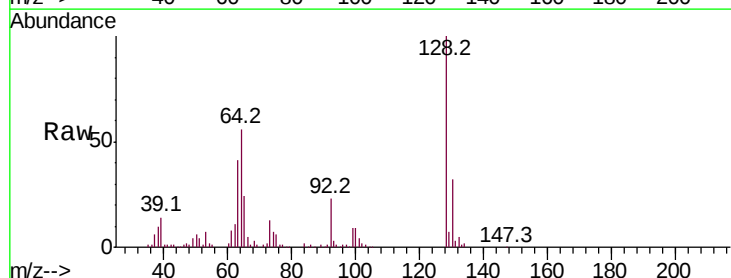
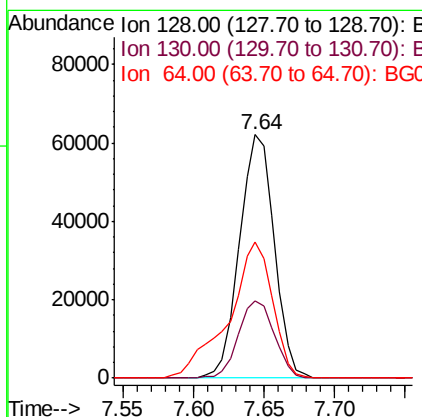
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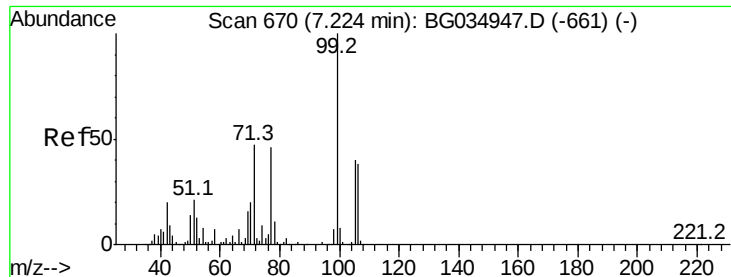
Delta R.T. -0.00 min

Lab File: BG034948.D

Acq: 7 Jun 2018 11:16

Tgt Ion	128	Resp	106753
Ion Ratio	Lower	Upper	
128	100		
130	31.7	14.0	54.0
64	55.7	37.7	77.7





#9

Benzaldehyde

Concen: 44.532 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG034948.D

Acq: 7 Jun 2018 11:16

Instrument :

BNA_G

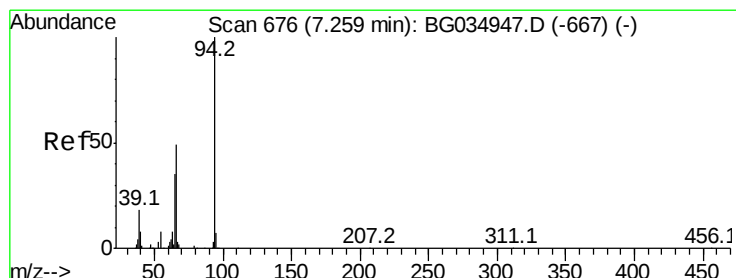
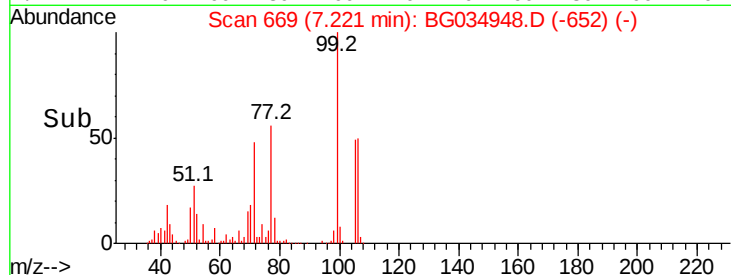
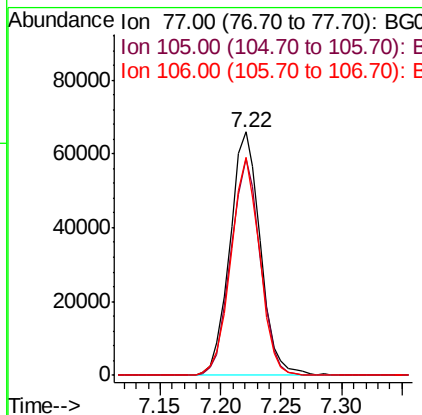
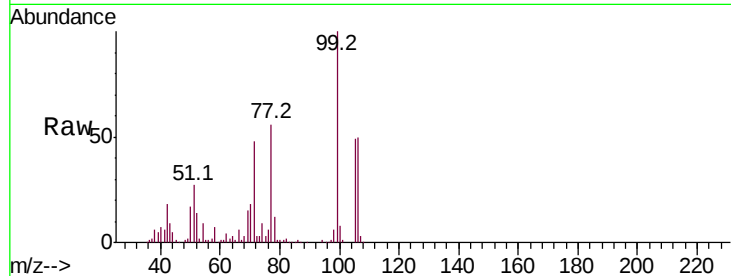
ClientSampleId :

SSTDIC050

Tot Ion	Ratio	Lower	Upper
77	100		
105	88.9	71.3	111.3
106	89.5	64.2	104.2

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#10

Phenol

Concen: 42.057 ng

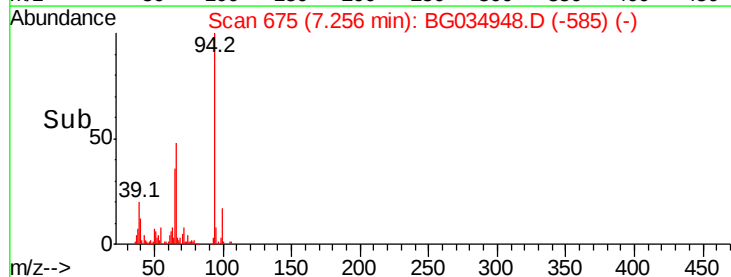
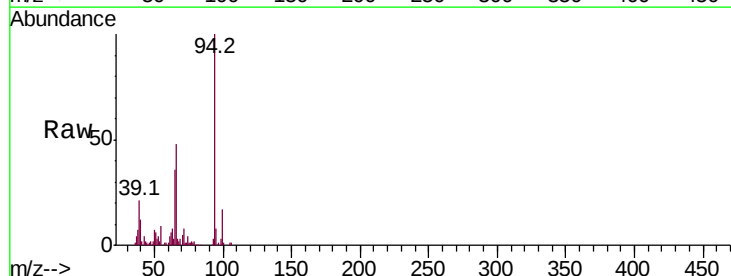
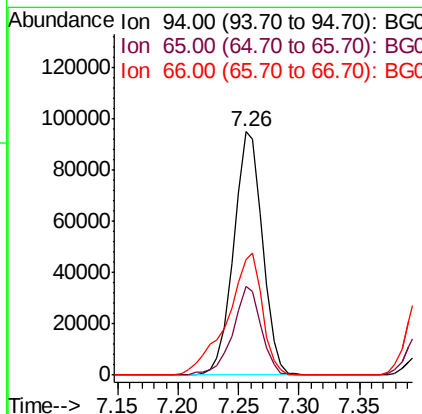
RT: 7.26 min Scan# 675

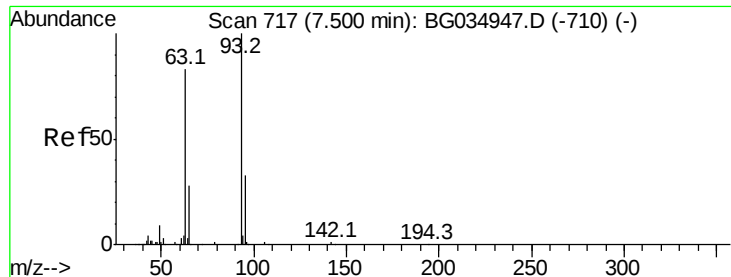
Delta R.T. -0.00 min

Lab File: BG034948.D

Acq: 7 Jun 2018 11:16

Tgt Ion	Ratio	Lower	Upper
94	100		
65	36.4	11.9	51.9
66	47.7	22.2	62.2





#11

bis(2-Chloroethyl)ether

Concen: 43.049 ng

RT: 7.50 min Scan# 717

Delta R.T. 0.00 min

Lab File: BG034948.D

Acq: 7 Jun 2018 11:16

Instrument :

BNA_G

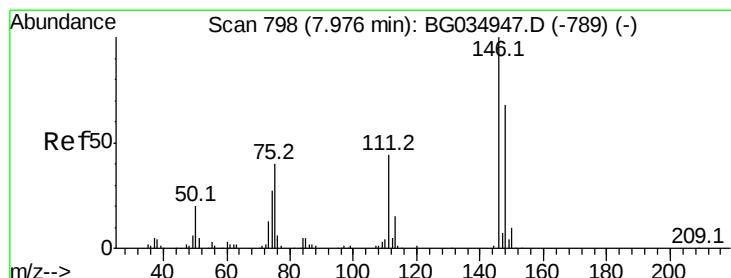
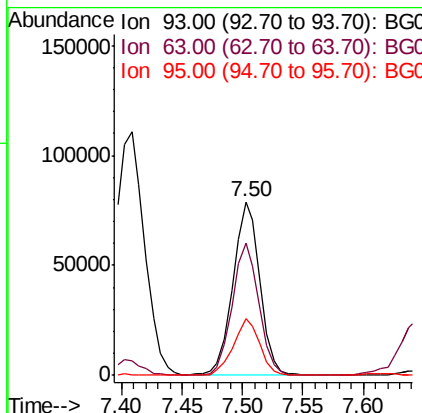
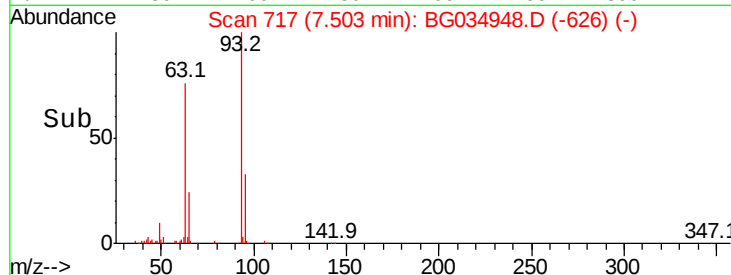
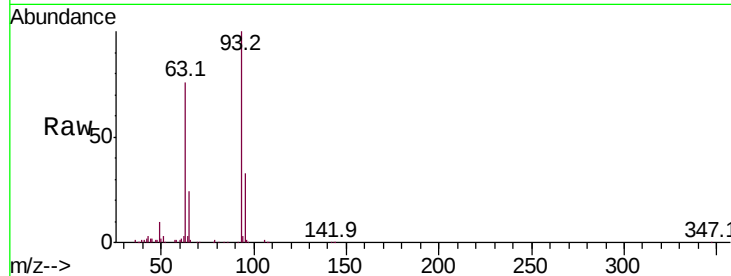
ClientSampled :

SSTDIC050

Tot Ion:	93	Resp:	121809
Ion Ratio	Lower	Upper	
93	100		
63	76.1	67.1	107.1
95	32.6	11.5	51.5

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#12

1,3-Dichlorobenzene

Concen: 44.343 ng m

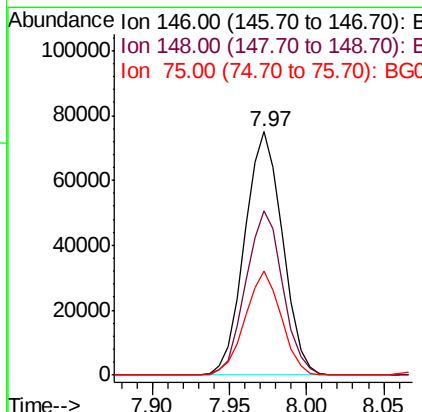
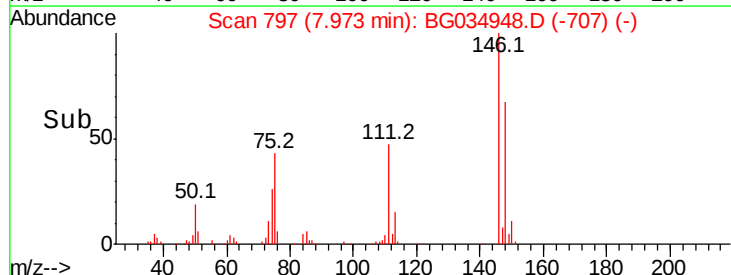
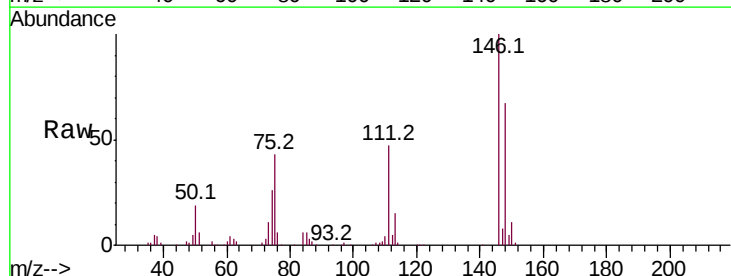
RT: 7.97 min Scan# 797

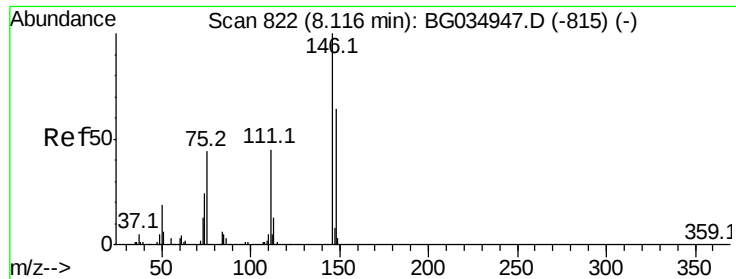
Delta R.T. -0.00 min

Lab File: BG034948.D

Acq: 7 Jun 2018 11:16

Tgt Ion:	146	Resp:	128118
Ion Ratio	Lower	Upper	
146	100		
148	67.5	51.4	77.2
75	42.6	26.6	39.8#





#13

1,4-Dichlorobenzene

Concen: 44.624 ng

RT: 8.12 min Scan# 822

Delta R.T. 0.00 min

Lab File: BG034948.D

Acq: 7 Jun 2018 11:16

Instrument :

BNA_G

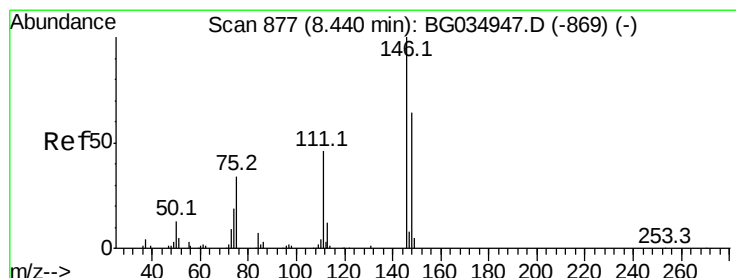
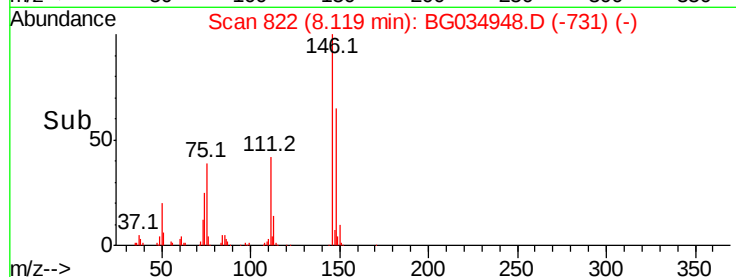
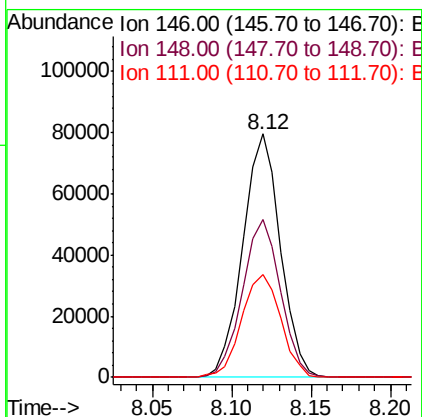
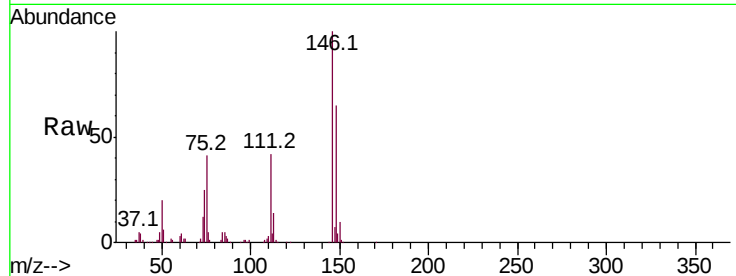
ClientSampleId :

SSTDIC050

Tot Ion:	146	Resp:	131279
Ion Ratio	Lower	Upper	
146	100		
148	65.0	53.7	80.5
111	42.3	35.2	52.8

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 42.828 ng

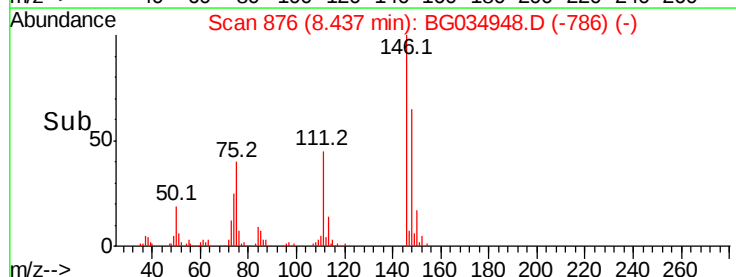
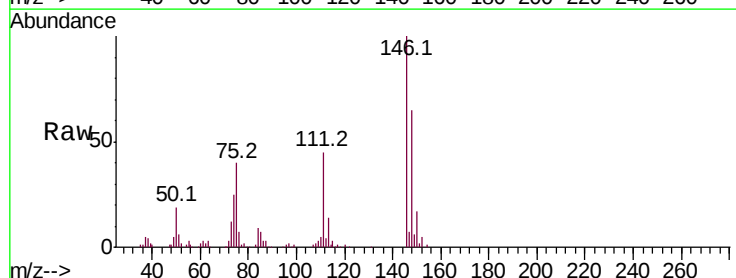
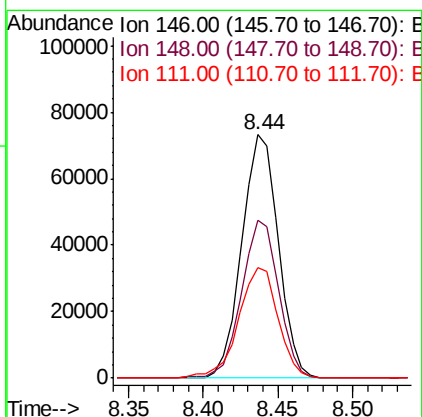
RT: 8.44 min Scan# 876

Delta R.T. -0.00 min

Lab File: BG034948.D

Acq: 7 Jun 2018 11:16

Tgt Ion:	146	Resp:	123670
Ion Ratio	Lower	Upper	
146	100		
148	64.7	49.3	73.9
111	45.3	34.3	51.5





#15

Benzyl Alcohol

Concen: 38.912 ng

RT: 8.31 min Scan# 855

Delta R.T. -0.00 min

Lab File: BG034948.D

Acq: 7 Jun 2018 11:16

Instrument :

BNA_G

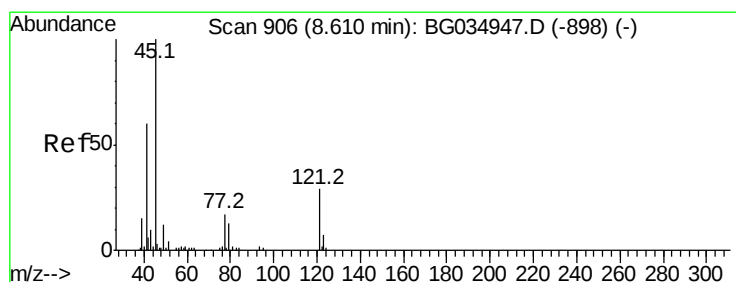
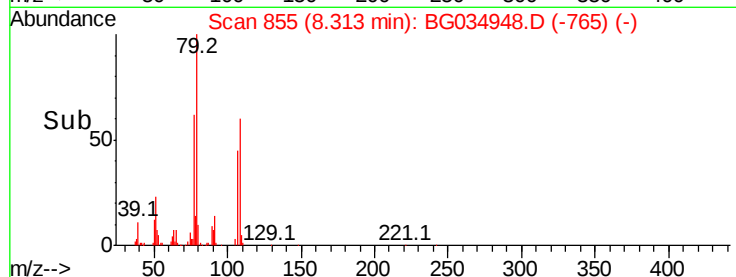
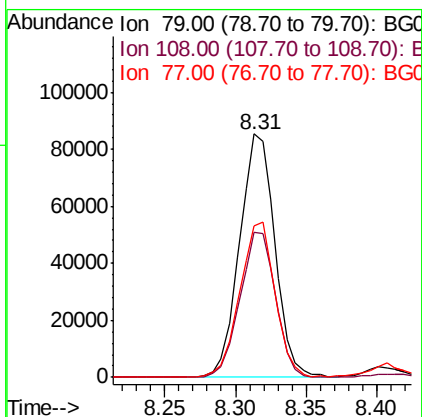
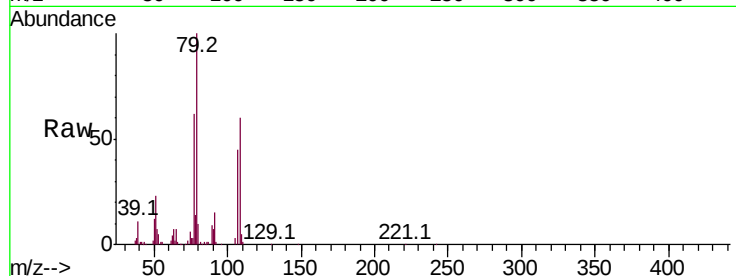
ClientSampleId :

SSTDICC050

Tot Ion:	79	Resp:	149546
Ion Ratio	Lower	Upper	
79	100		
108	59.8	57.2	85.8
77	62.4	46.1	69.1

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.694 ng m

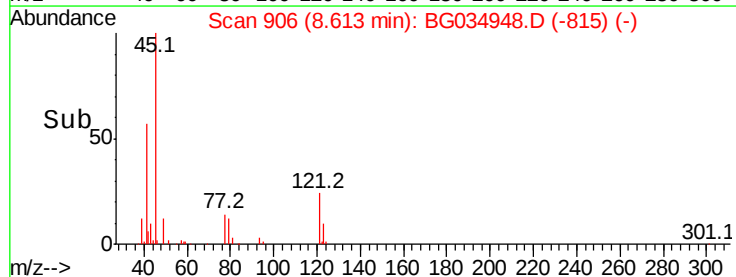
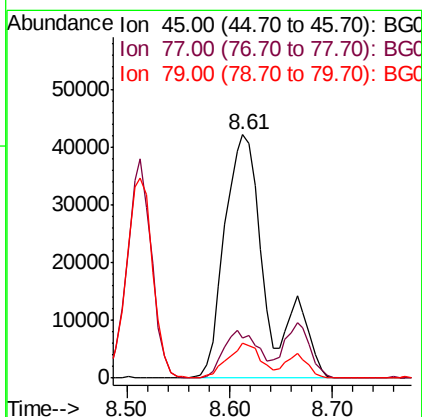
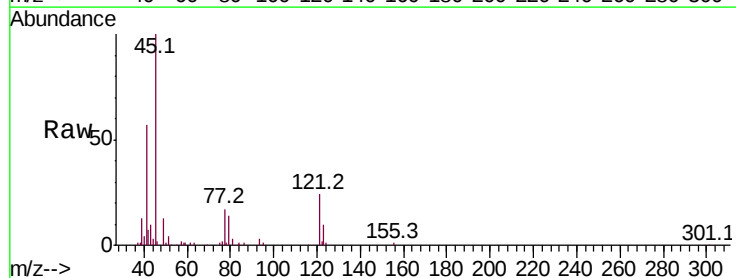
RT: 8.61 min Scan# 906

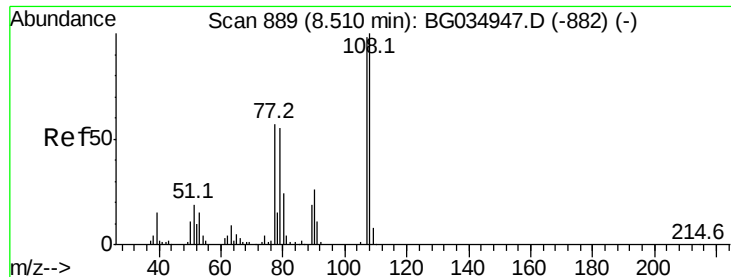
Delta R.T. 0.00 min

Lab File: BG034948.D

Acq: 7 Jun 2018 11:16

Tgt Ion:	45	Resp:	121051
Ion Ratio	Lower	Upper	
45	100		
77	16.5	0.0	30.2
79	14.4	0.0	27.9





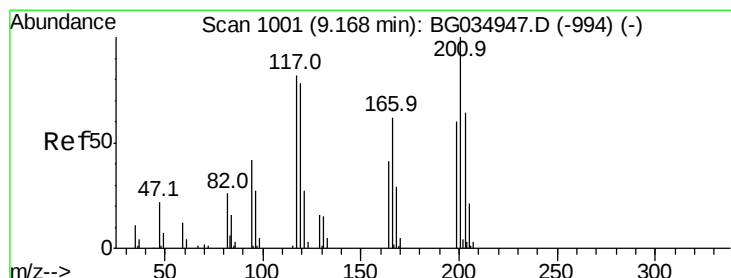
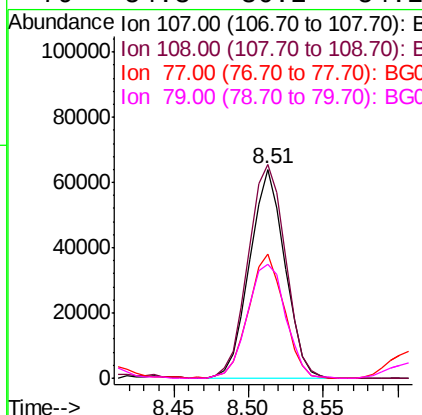
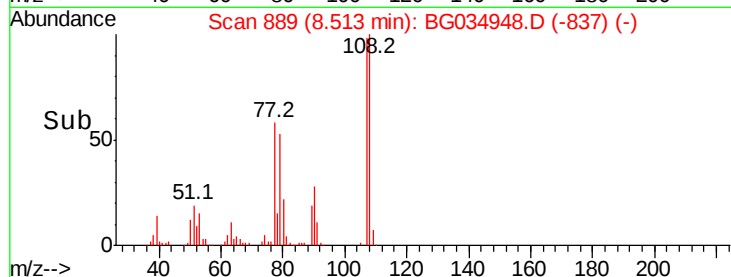
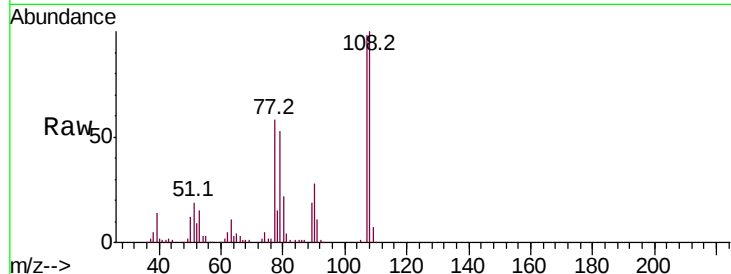
#17
2-Methylphenol
Concen: 41.472 ng
RT: 8.51 min Scan# 889
Delta R.T. 0.00 min
Lab File: BG034948.D
Acq: 7 Jun 2018 11:16

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	102.2	83.9	125.9	
77	59.2	37.2	55.8	
79	54.3	36.2	54.2	

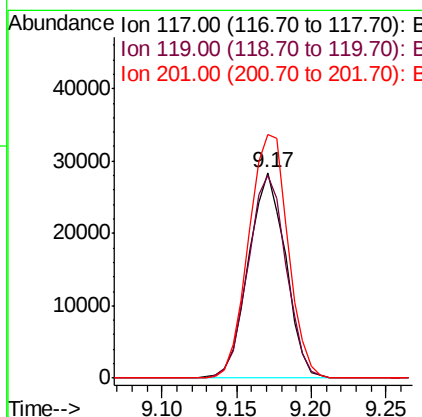
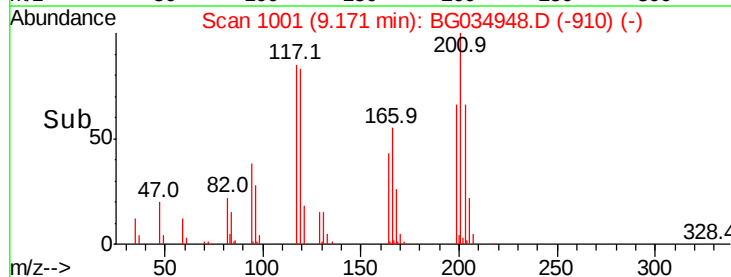
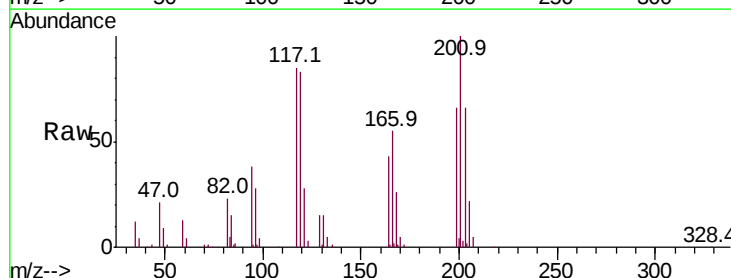
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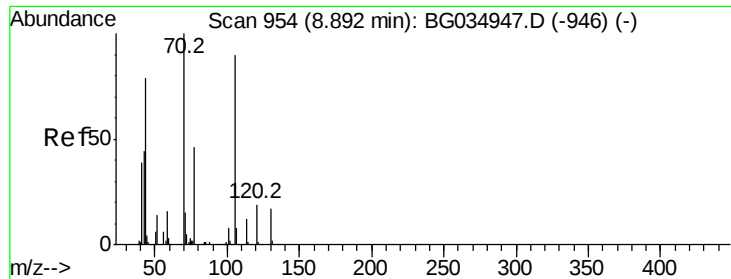
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#18
Hexachloroethane
Concen: 39.371 ng
RT: 9.17 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BG034948.D
Acq: 7 Jun 2018 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.5	76.7	115.1	
201	118.3	95.7	143.5	





#19

n-Nitroso-di-n-propylamine

Concen: 40.613 ng

RT: 8.89 min Scan# 953

Delta R.T. -0.00 min

Lab File: BG034948.D

Acq: 7 Jun 2018 11:16

Instrument :

BNA_G

ClientSampled :

SSTDIC050

Tot Ion: 70 Resp: 124925

Ion Ratio Lower Upper

70 100

42 47.8 49.1 73.7#

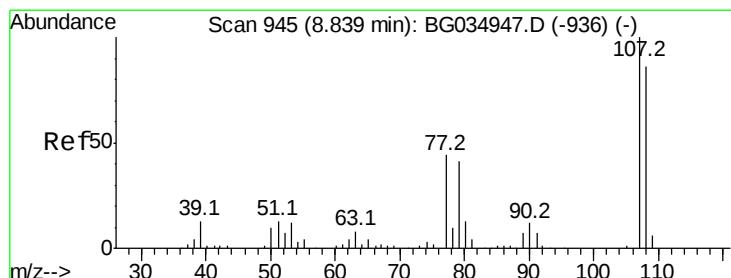
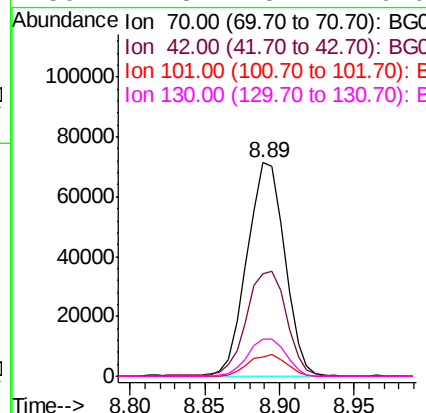
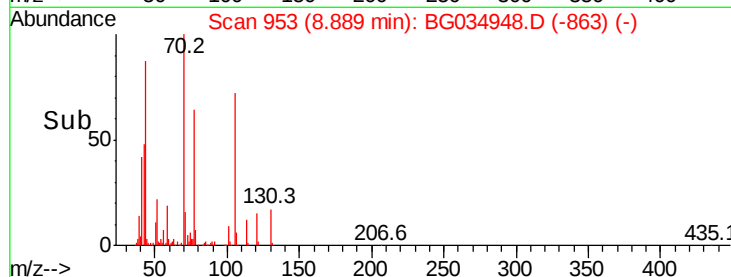
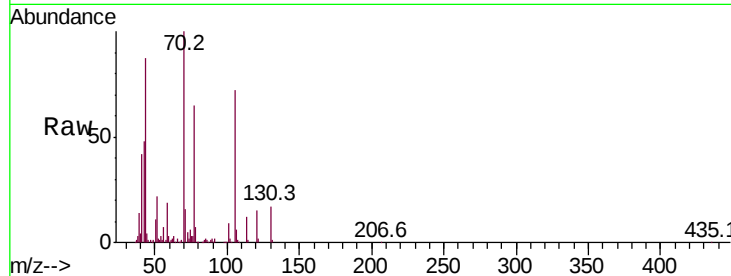
101 9.1 8.5 12.7

130 17.3 13.4 20.0

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#20

3+4-Methylphenols

Concen: 42.526 ng

RT: 8.84 min Scan# 945

Delta R.T. 0.00 min

Lab File: BG034948.D

Acq: 7 Jun 2018 11:16

Tgt Ion: 107 Resp: 149181

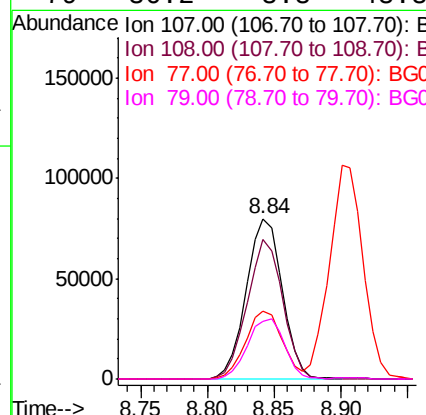
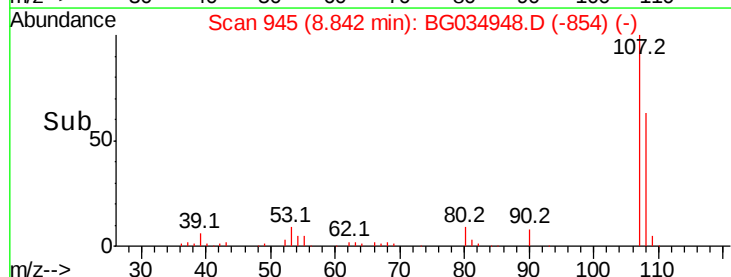
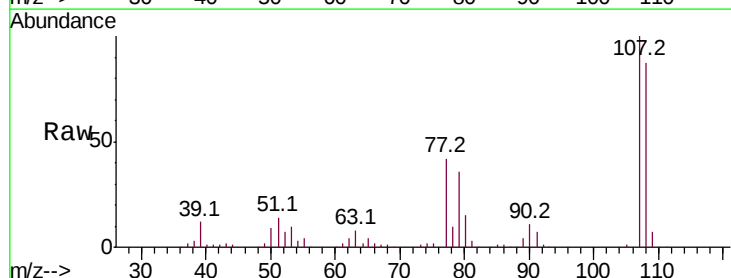
Ion Ratio Lower Upper

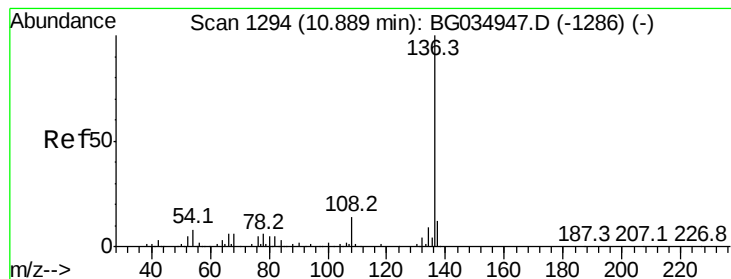
107 100

108 87.0 61.6 101.6

77 42.3 13.9 53.9

79 36.2 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.89 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BG034948.D

Acq: 7 Jun 2018 11:16

Instrument :

BNA_G

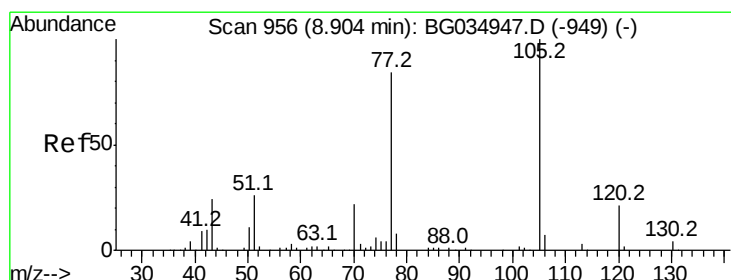
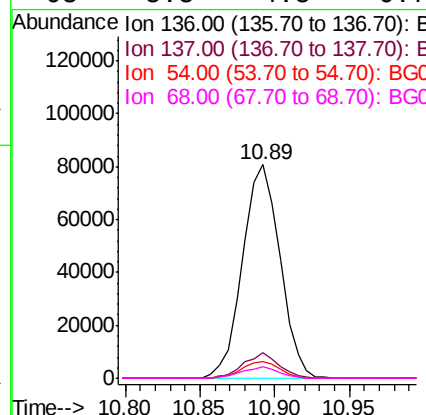
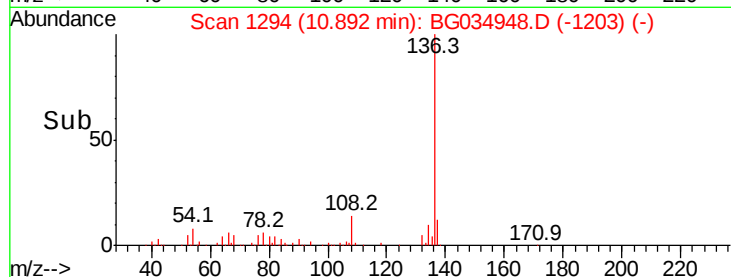
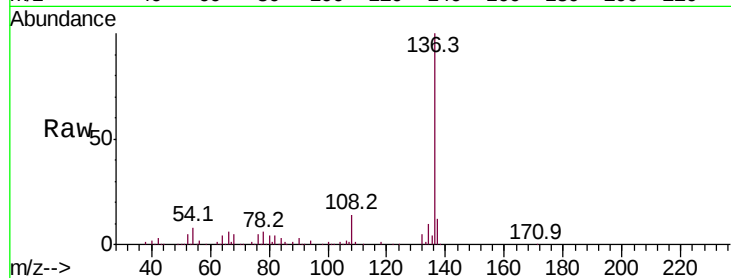
ClientSampleId :

SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	12.2	9.2	13.8	
54	8.0	10.3	15.5	
68	5.5	4.5	6.7	

Manual Integrations
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#22

Acetophenone

Concen: 48.383 ng

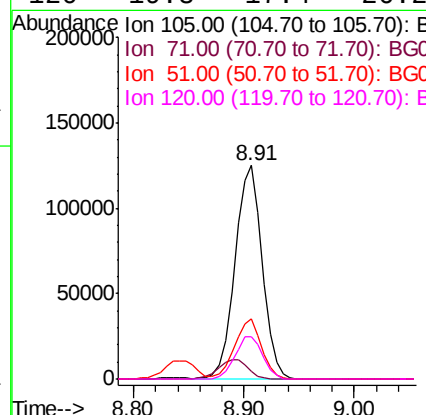
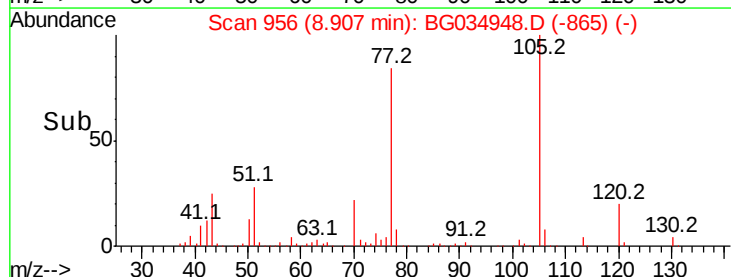
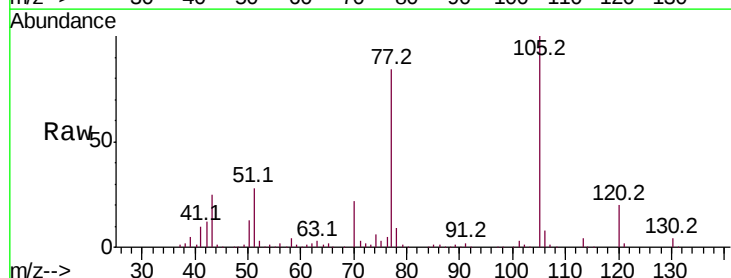
RT: 8.91 min Scan# 956

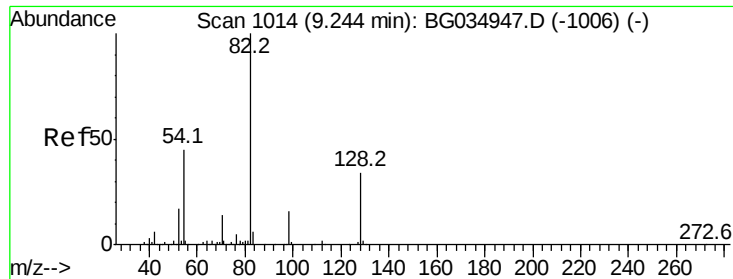
Delta R.T. 0.00 min

Lab File: BG034948.D

Acq: 7 Jun 2018 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.4	3.0	4.4	
51	28.1	26.1	39.1	
120	19.8	17.4	26.2	





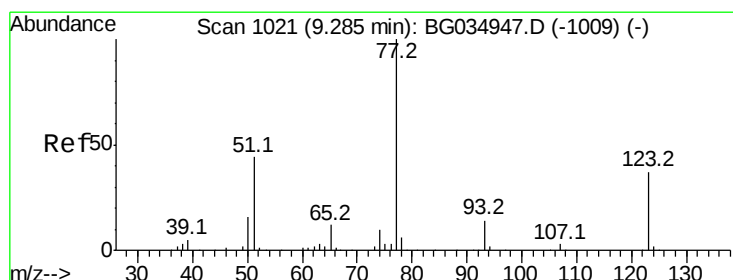
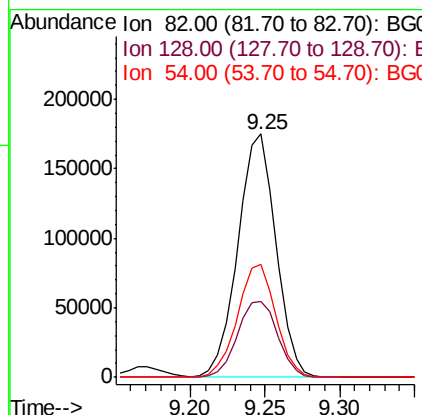
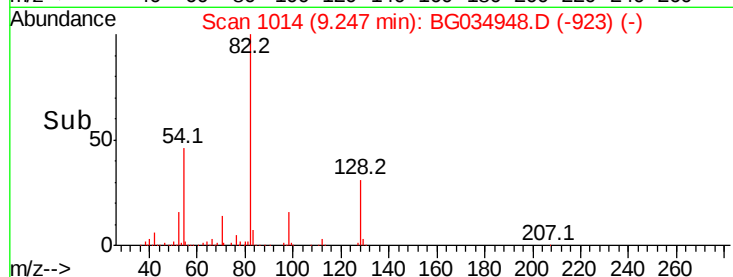
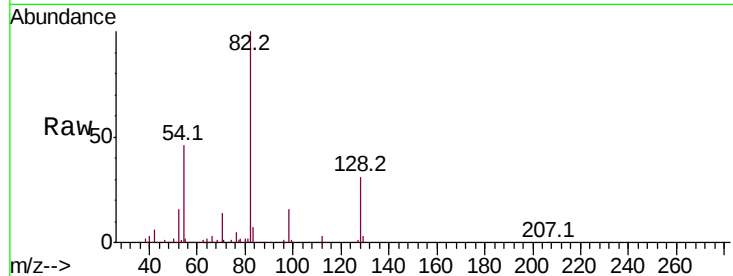
#23
Nitrobenzene-d5
Concen: 84.474 ng
RT: 9.25 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BG034948.D
Acq: 7 Jun 2018 11:16

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
82	100		
128	31.4	29.7	44.5
54	46.5	43.1	64.7

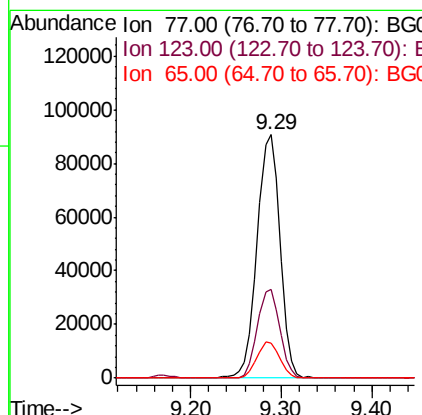
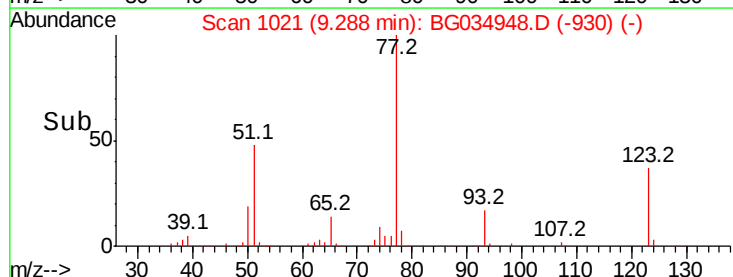
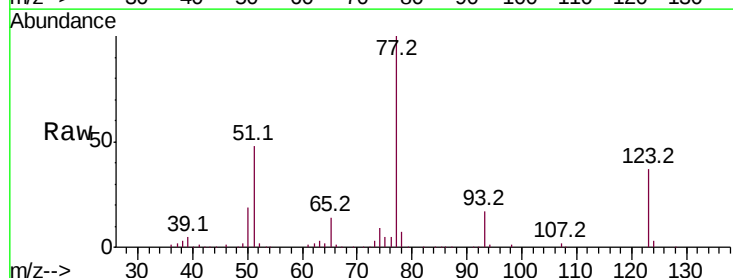
Manual Integrations
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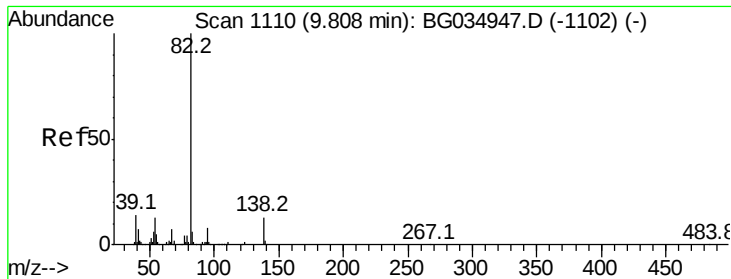
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#24
Nitrobenzene
Concen: 42.002 ng
RT: 9.29 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BG034948.D
Acq: 7 Jun 2018 11:16

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.6	33.0	49.6
65	14.1	13.0	19.6





#25

Isophorone

Concen: 43.460 ng

RT: 9.81 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BG034948.D

Acq: 7 Jun 2018 11:16

Instrument :

BNA_G

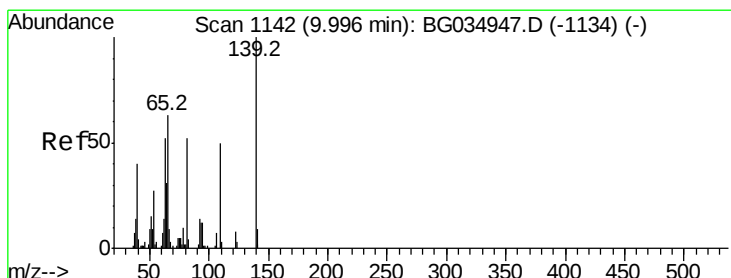
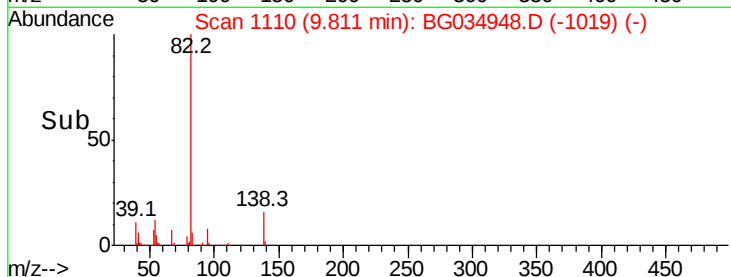
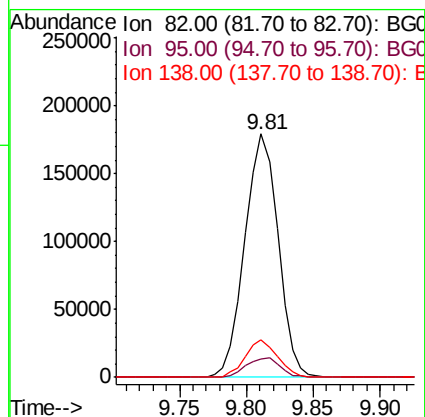
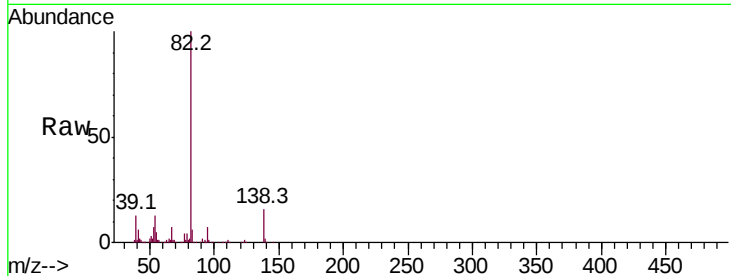
ClientSampleId :

SSTDICC050

Tot Ion:	82	Resp:	308811
Ion Ratio	Lower	Upper	
82	100		
95	7.5	6.2	9.2
138	15.6	12.1	18.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 42.471 ng

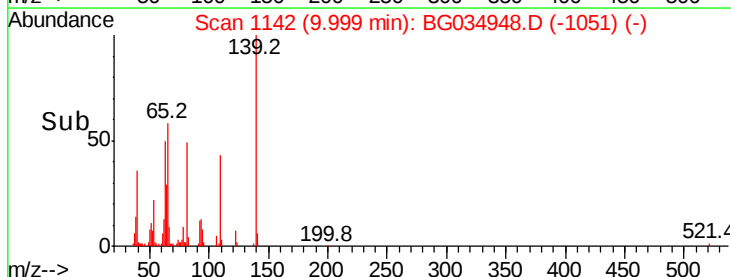
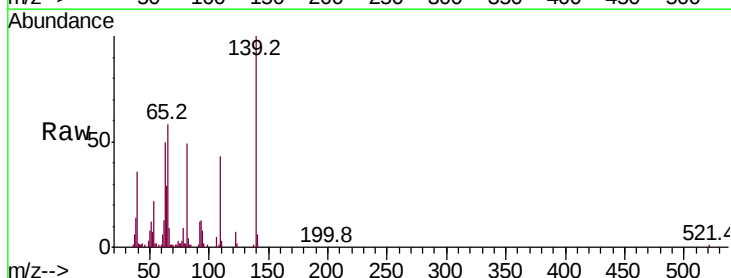
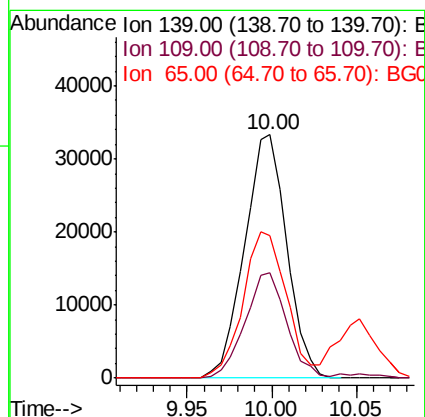
RT: 10.00 min Scan# 1142

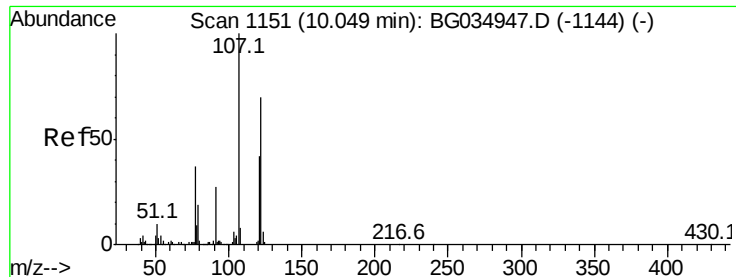
Delta R.T. 0.00 min

Lab File: BG034948.D

Acq: 7 Jun 2018 11:16

Tgt Ion:	139	Resp:	57703
Ion Ratio	Lower	Upper	
139	100		
109	43.5	24.2	36.2#
65	58.4	47.4	71.0





#27

2,4-Dimethylphenol

Concen: 45.153 ng

RT: 10.05 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BG034948.D

Acq: 7 Jun 2018 11:16

Instrument :

BNA_G

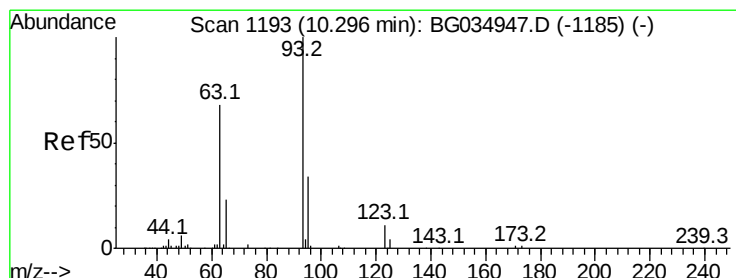
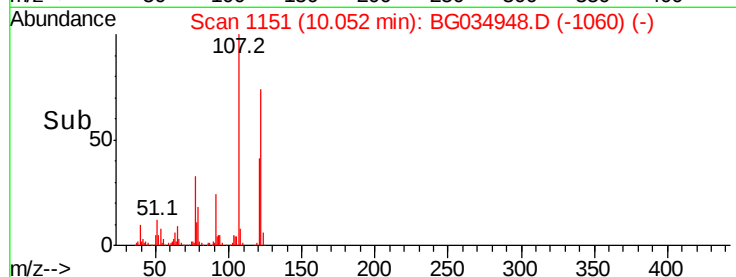
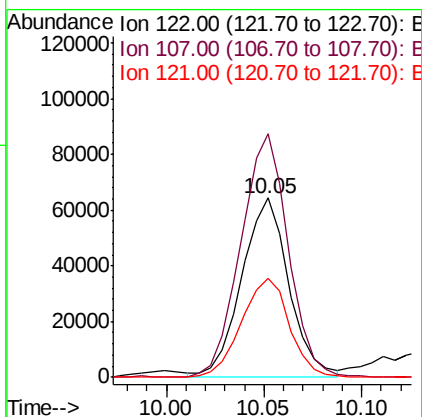
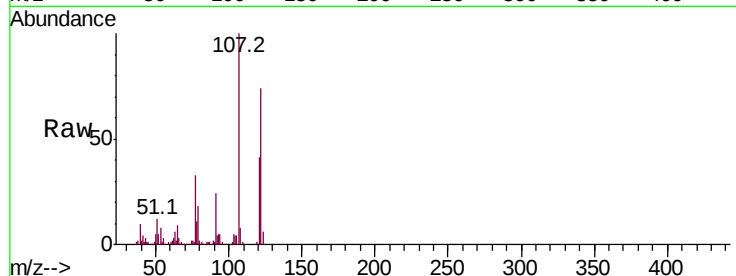
ClientSampleId :

SSTDICC050

Tot Ion	Ratio	Lower	Upper
122	100		
107	135.8	100.2	150.2
121	55.3	44.4	66.6

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#28

bis(2-Chloroethoxy)methane

Concen: 47.065 ng

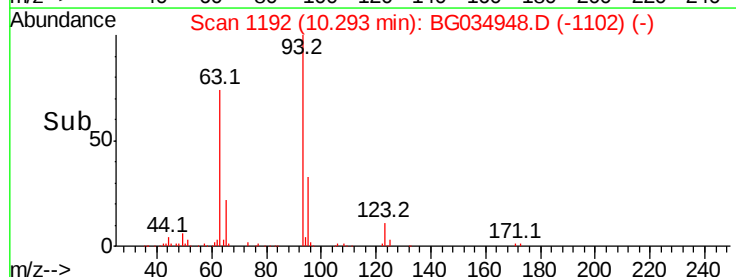
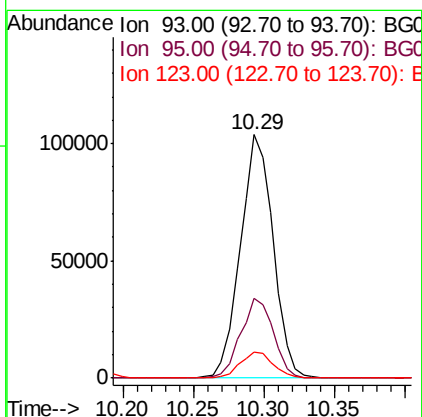
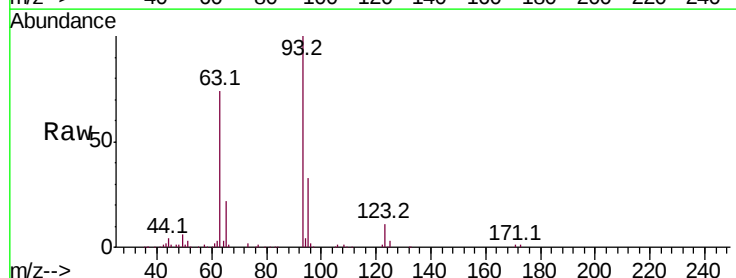
RT: 10.29 min Scan# 1192

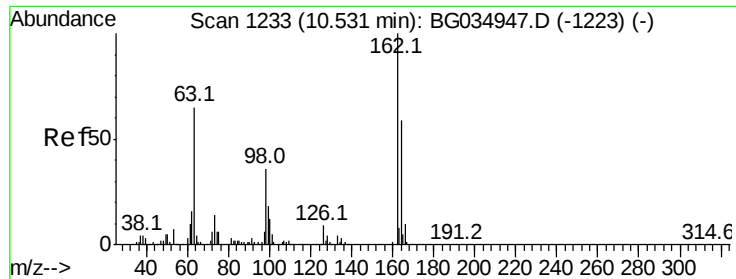
Delta R.T. -0.00 min

Lab File: BG034948.D

Acq: 7 Jun 2018 11:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	24.3	36.5
123	10.6	8.4	12.6





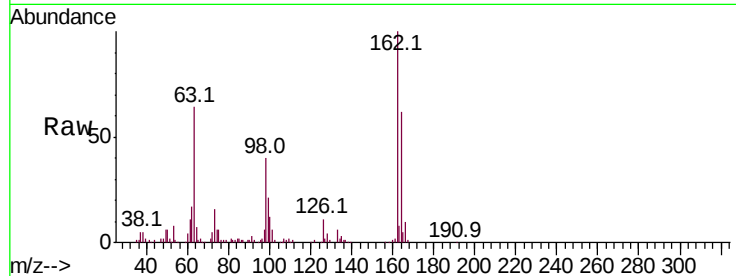
#29
2,4-Dichlorophenol
Concen: 48.311 ng
RT: 10.53 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BG034948.D
Acq: 7 Jun 2018 11:16

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	62.0	48.0	88.0	
98	39.7	21.1	61.1	

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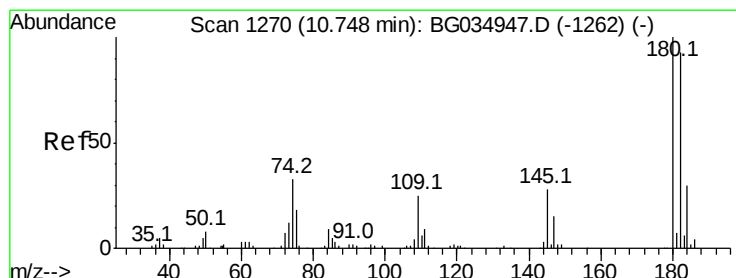
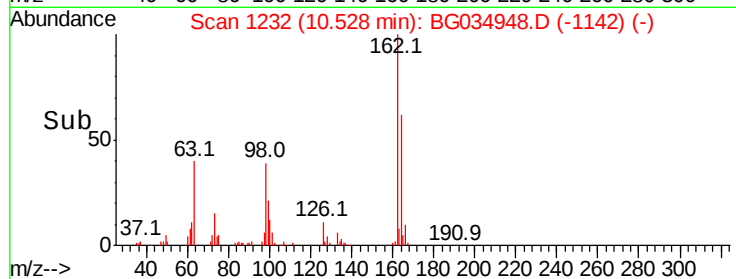
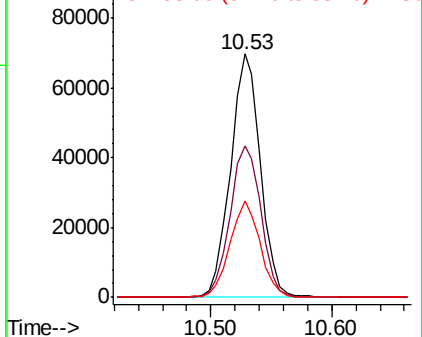


Abundance

Ion 162.00 (161.70 to 162.70): E

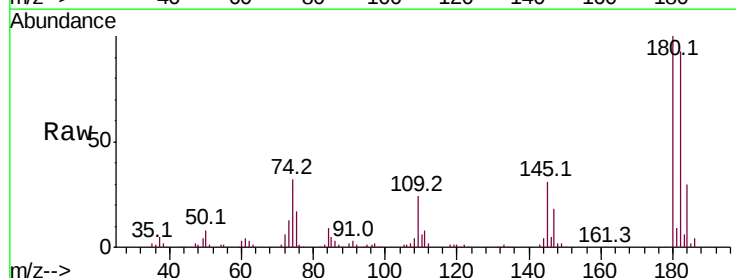
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
1,2,4-Trichlorobenzene
Concen: 48.978 ng
RT: 10.75 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BG034948.D
Acq: 7 Jun 2018 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	92.5	77.5	116.3	
145	30.7	23.4	35.2	

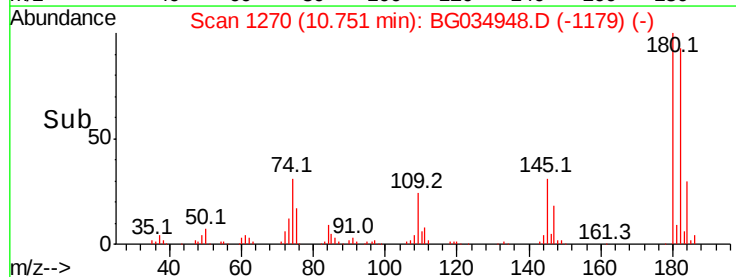
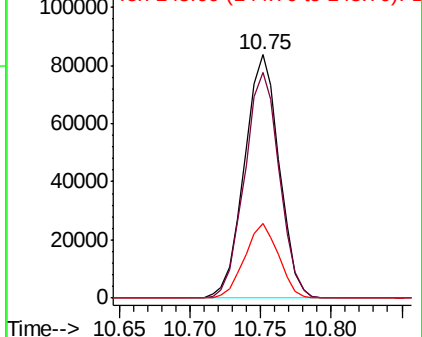


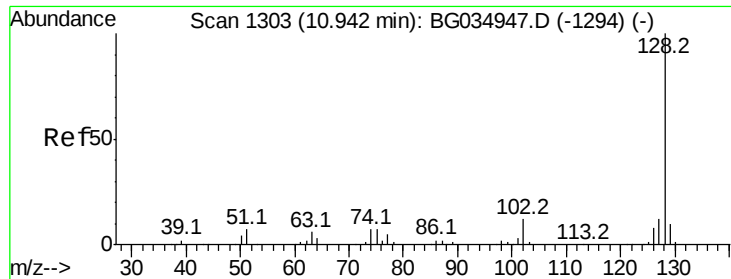
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





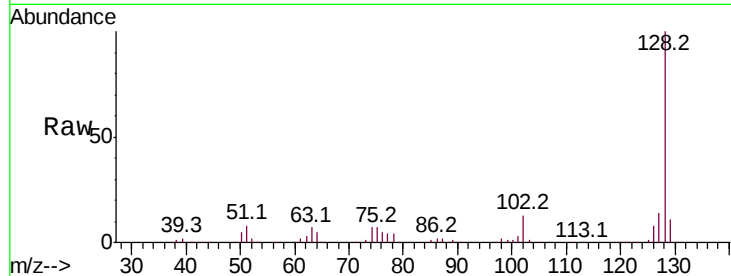
#31
Naphthalene
Concen: 49.918 ng
RT: 10.94 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BG034948.D
Acq: 7 Jun 2018 11:16

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	12.8
127	13.6	11.6	17.4

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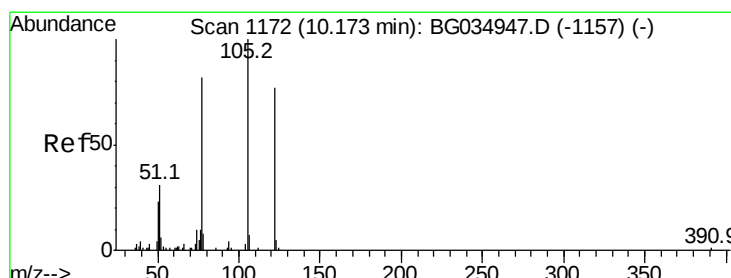
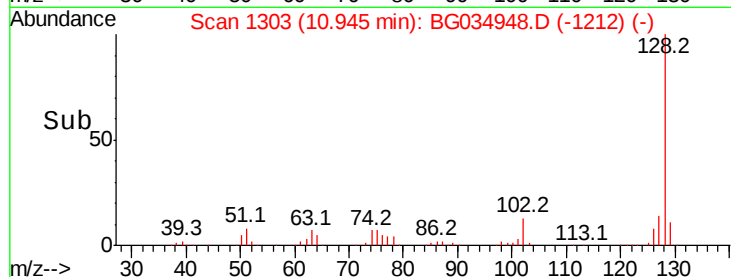
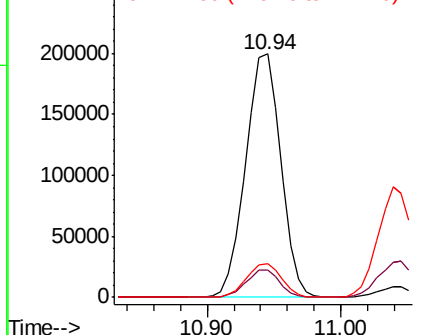


Abundance

Ion 128.00 (127.70 to 128.70): E

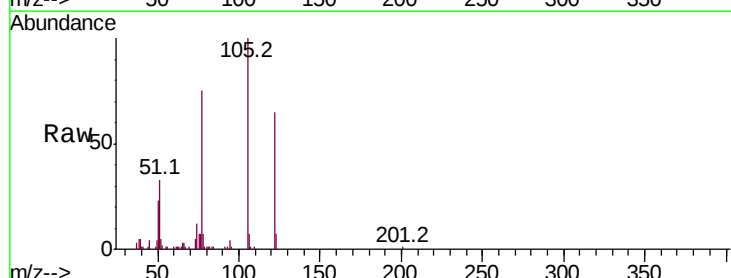
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 47.120 ng
RT: 10.19 min Scan# 1174
Delta R.T. 0.01 min
Lab File: BG034948.D
Acq: 7 Jun 2018 11:16

Tgt Ion	Ratio	Lower	Upper
122	100		
105	152.7	123.5	163.5
77	114.9	85.7	125.7

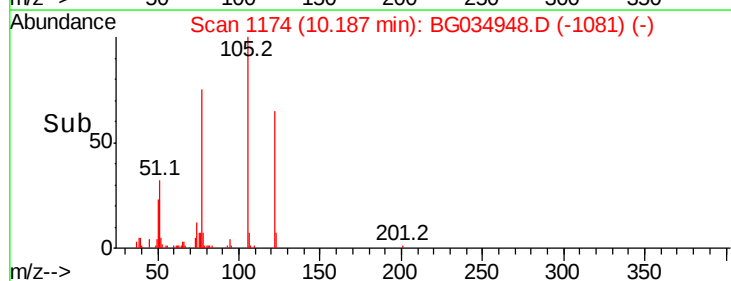
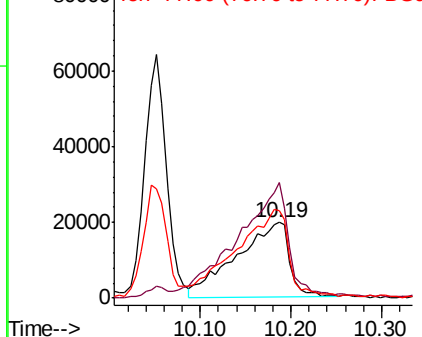


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





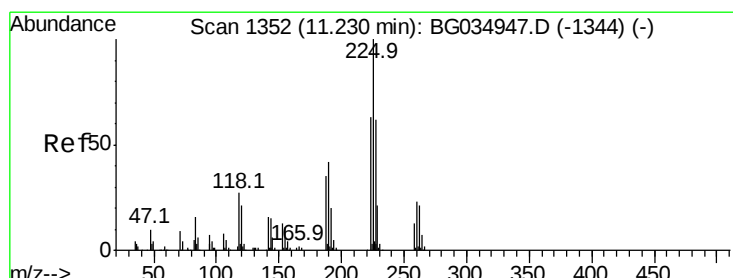
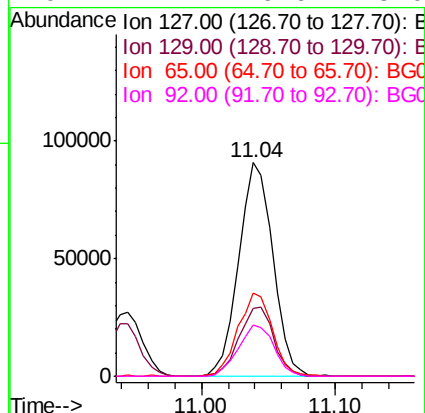
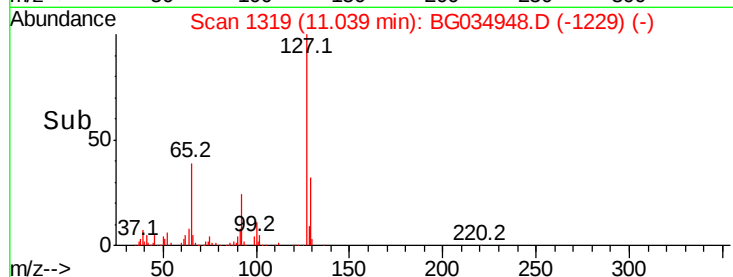
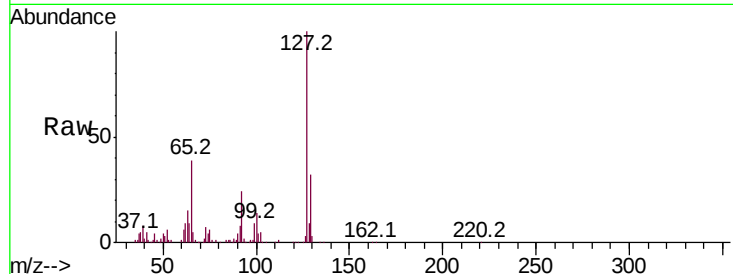
#33
4-Chloroaniline
Concen: 50.657 ng
RT: 11.04 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BG034948.D
Acq: 7 Jun 2018 11:16

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	31.9	24.0	36.0
65	39.0	27.0	40.4
92	24.1	16.6	25.0

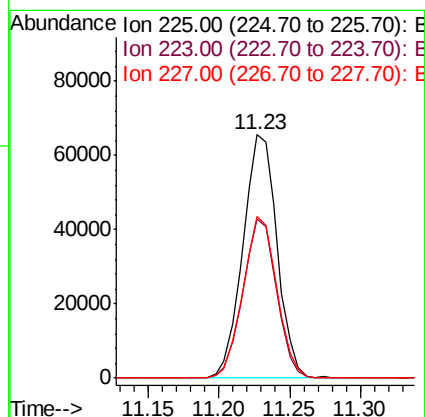
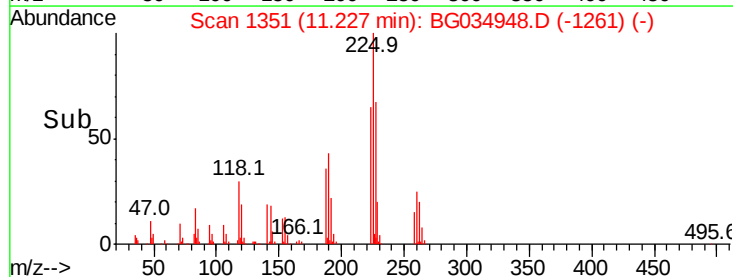
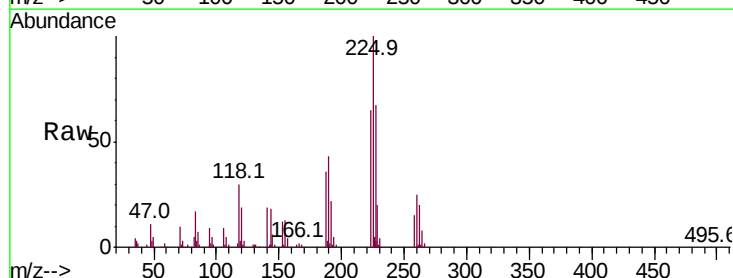
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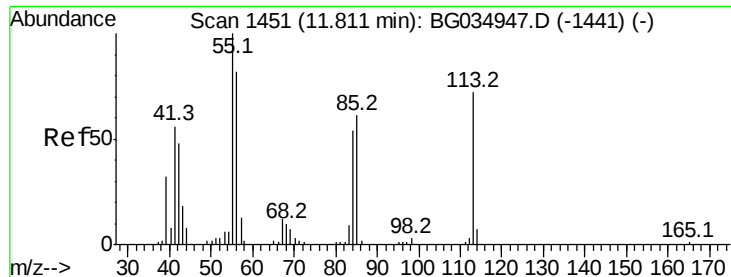
Sohil
6/8/2018 4:44:39 PM



#34
Hexachlorobutadiene
Concen: 47.376 ng
RT: 11.23 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BG034948.D
Acq: 7 Jun 2018 11:16

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	65.3	49.7	74.5
227	66.6	48.1	72.1





#35

Caprolactam

Concen: 46.817 ng

RT: 11.81 min Scan# 1451

Delta R.T. 0.00 min

Lab File: BG034948.D

Acq: 7 Jun 2018 11:16

Instrument :

BNA_G

ClientSampleId :

SSTDIC050

Tot Ion:113 Resp: 44092

Ion Ratio Lower Upper

113 100

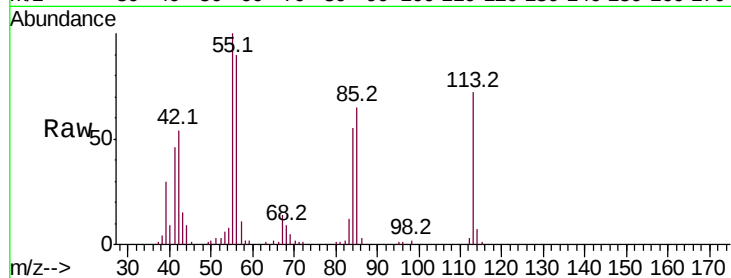
55 139.0 186.9 226.9#

56 125.2 130.9 170.9#

Manual Integrations
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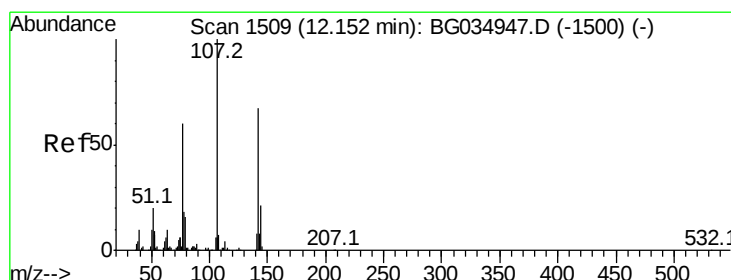
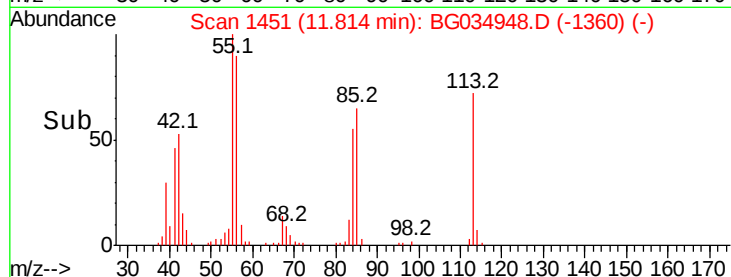
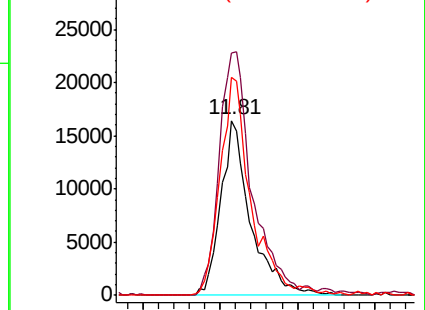
6/8/2018 4:44:39 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 44.912 ng

RT: 12.16 min Scan# 1509

Delta R.T. 0.00 min

Lab File: BG034948.D

Acq: 7 Jun 2018 11:16

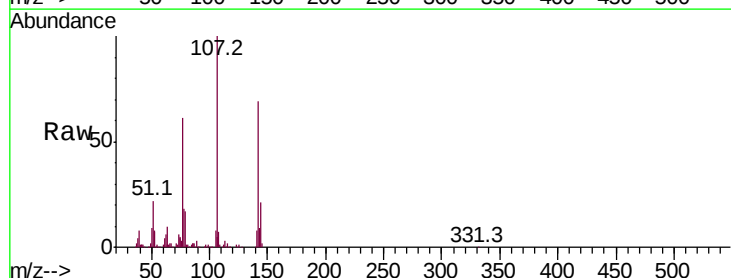
Tgt Ion:107 Resp: 149915

Ion Ratio Lower Upper

107 100

144 21.5 18.2 27.4

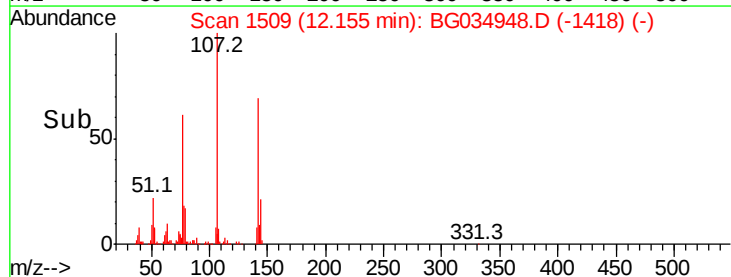
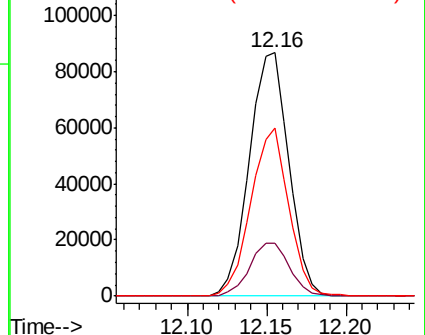
142 68.8 59.0 88.4

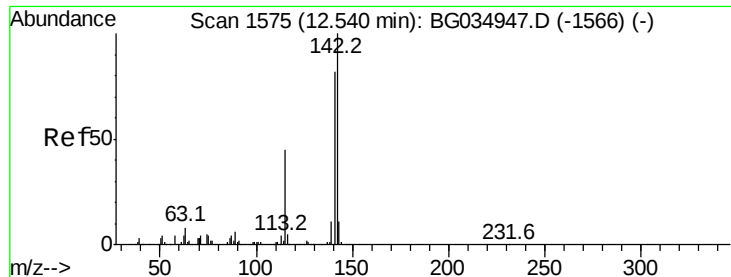


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





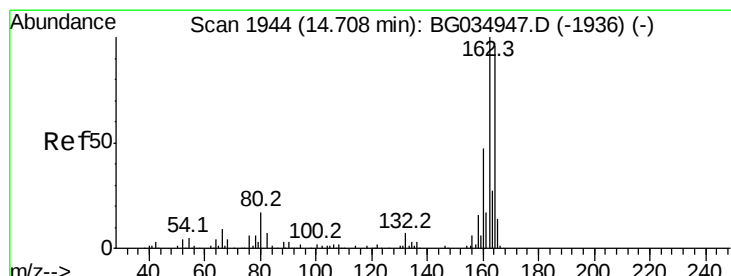
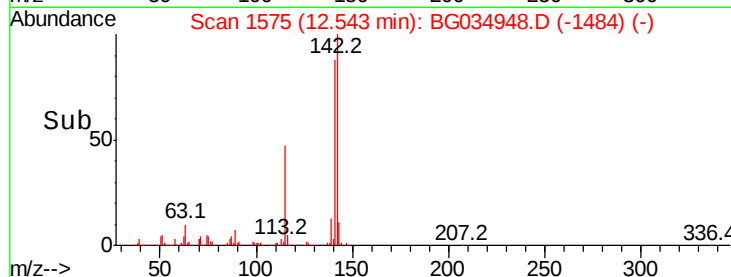
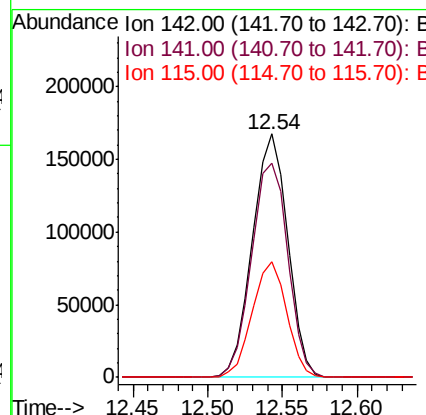
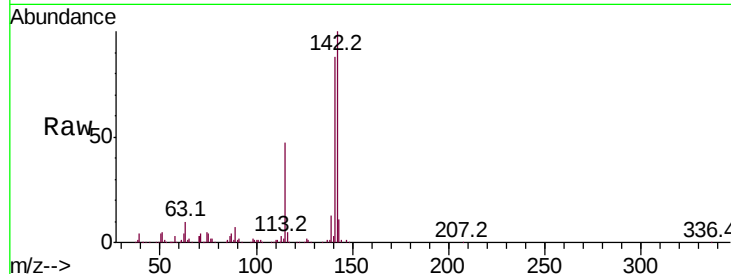
#37
2-Methylnaphthalene
Concen: 46.637 ng
RT: 12.54 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BG034948.D
Acq: 7 Jun 2018 11:16

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	67.1	100.7
115	47.3	30.7	46.1#

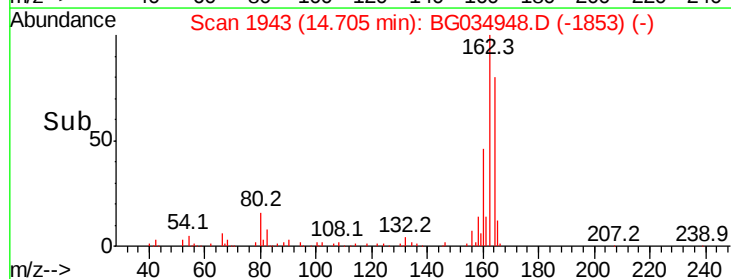
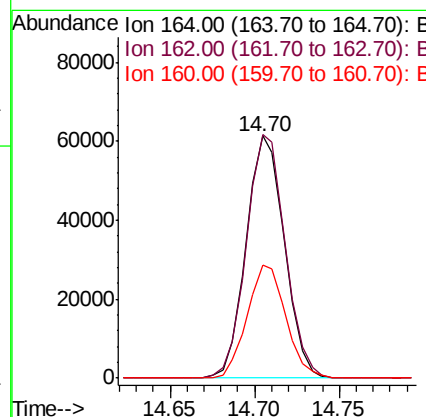
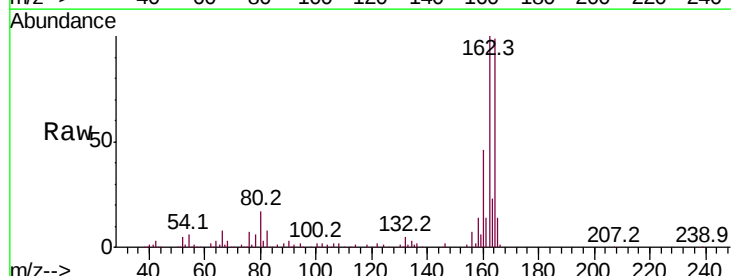
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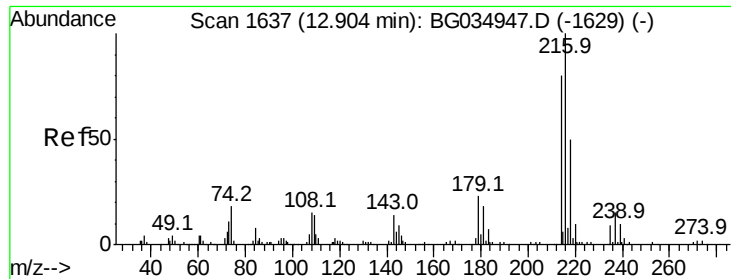
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1943
Delta R.T. -0.00 min
Lab File: BG034948.D
Acq: 7 Jun 2018 11:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.6	78.8	118.2
160	46.8	35.4	53.0





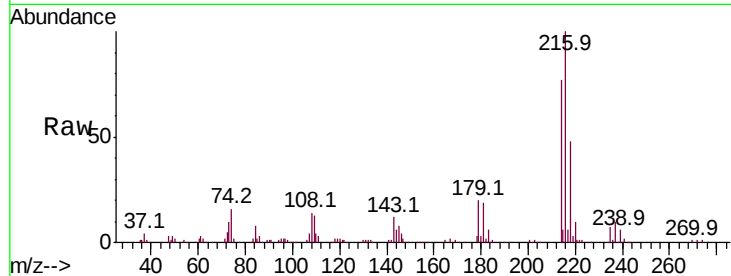
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 50.743 ng
 RT: 12.91 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BG034948.D
 Acq: 7 Jun 2018 11:16

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

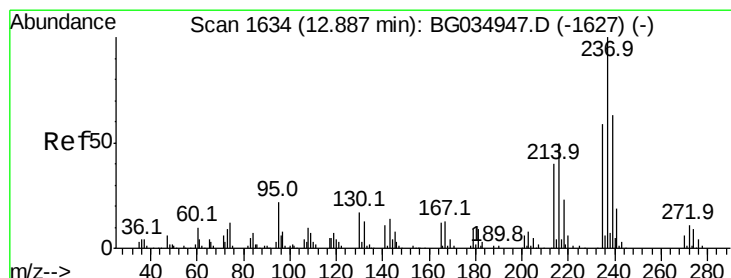
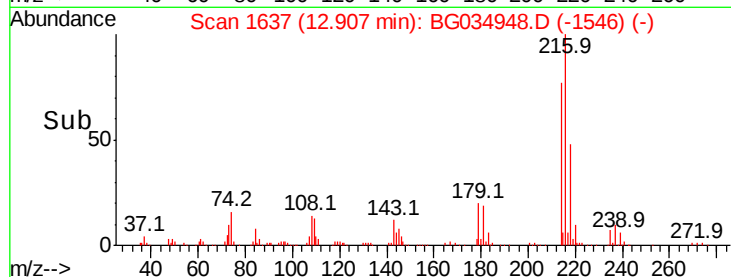
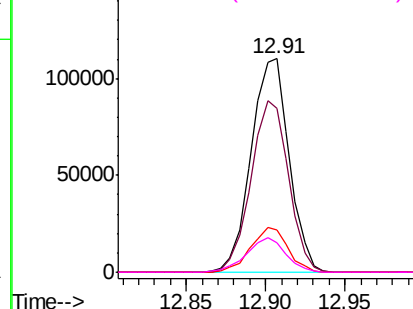
Tot Ion	Ratio	Resp	Lower	Upper
216	100	183509		
214	79.2	63.0	94.4	
179	20.5	17.0	25.6	
108	16.5	12.8	19.2	

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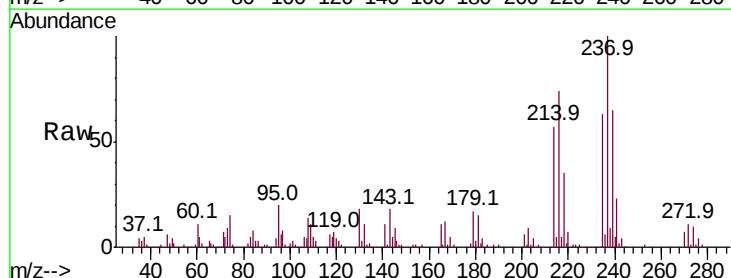


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

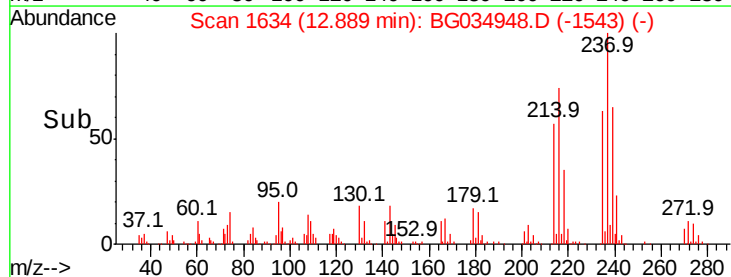
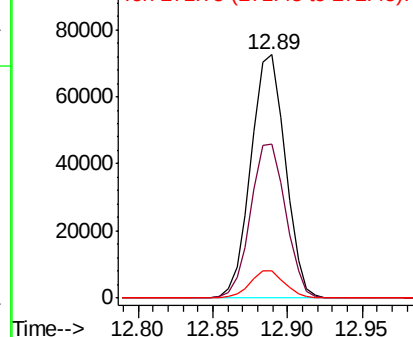


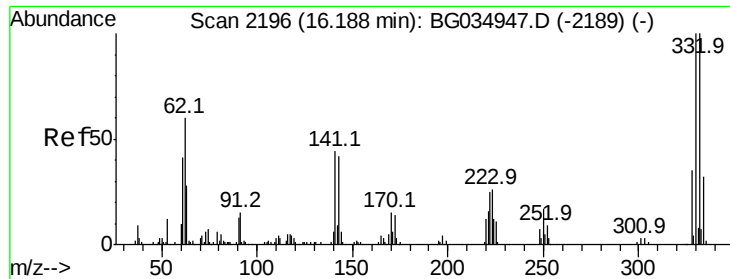
#40
 Hexachlorocyclopentadiene
 Concen: 40.850 ng
 RT: 12.89 min Scan# 1634
 Delta R.T. 0.00 min
 Lab File: BG034948.D
 Acq: 7 Jun 2018 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	115682		
235	63.4	50.4	90.4	
272	11.2	0.0	31.8	



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





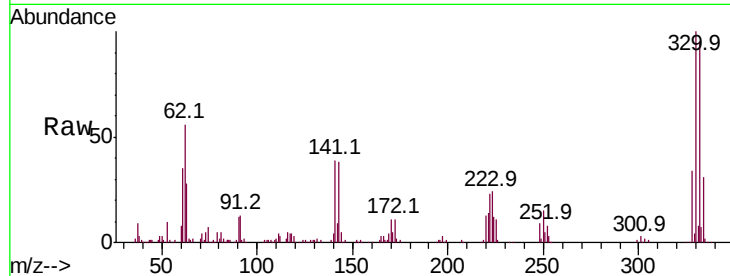
#41
 2,4,6-Tribromophenol
 Concen: 77.428 ng
 RT: 16.19 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: BG034948.D
 Acq: 7 Jun 2018 11:16

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
330	100	128324		
332	94.9	77.0	115.6	
141	41.8	25.2	37.8	

Manual Integrations
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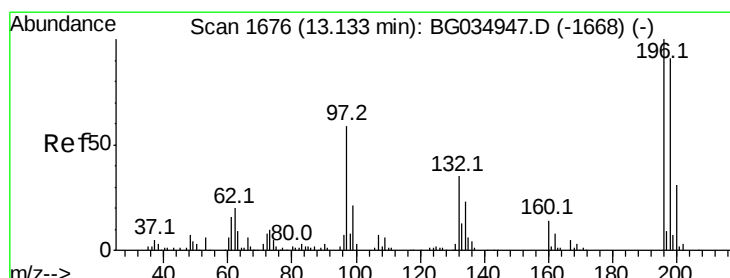
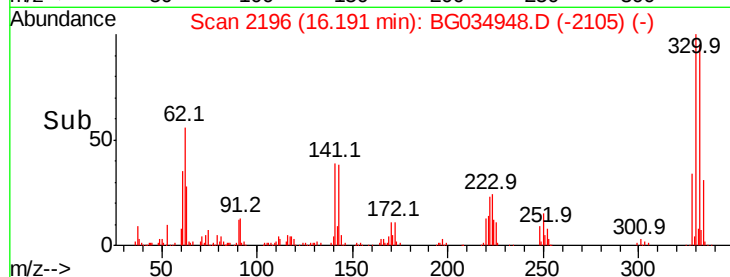
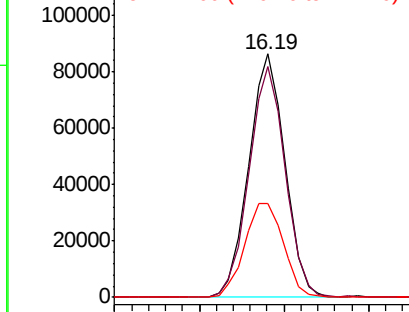


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 48.316 ng
 RT: 13.14 min Scan# 1676
 Delta R.T. 0.00 min
 Lab File: BG034948.D
 Acq: 7 Jun 2018 11:16

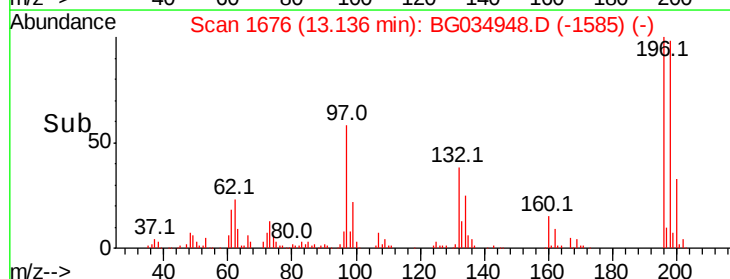
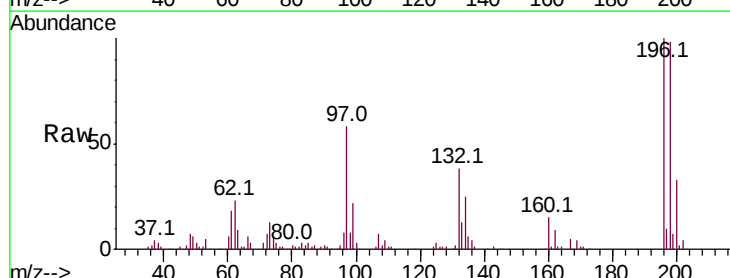
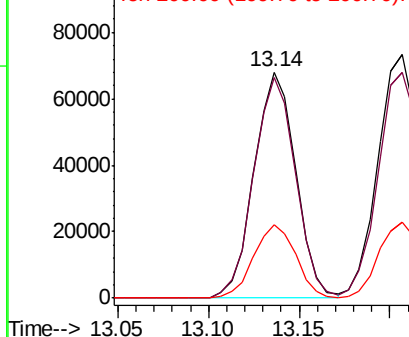
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	108706		
198	97.6	78.2	117.2	
200	32.5	24.6	36.8	

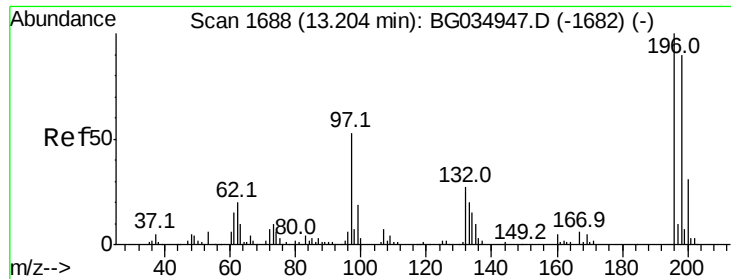
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





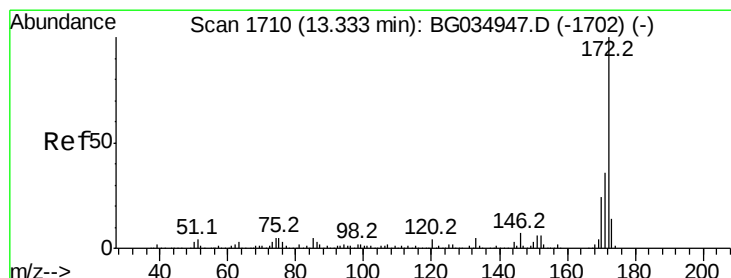
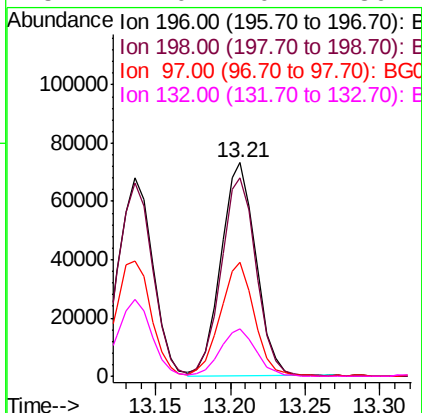
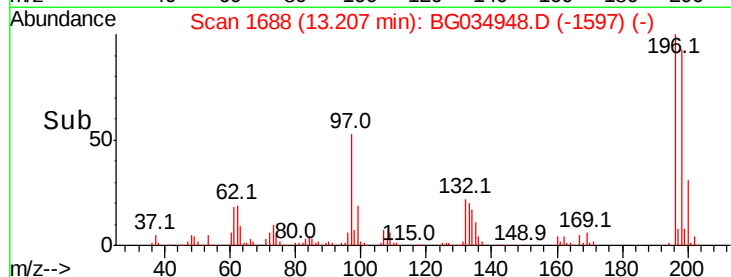
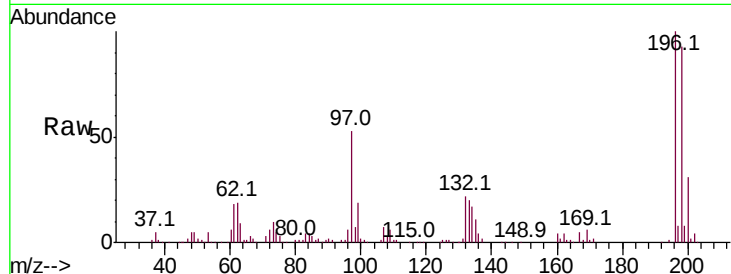
#43
 2,4,5-Trichlorophenol
 Concen: 48.480 ng
 RT: 13.21 min Scan# 1688
 Delta R.T. 0.00 min
 Lab File: BG034948.D
 Acq: 7 Jun 2018 11:16

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Tot Ion	196	Resp	119679
Ion Ratio	Lower	Upper	
196	100		
198	92.7	76.2	114.4
97	53.5	38.7	58.1
132	22.0	20.2	30.2

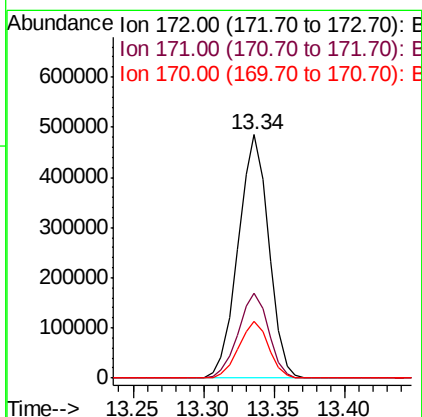
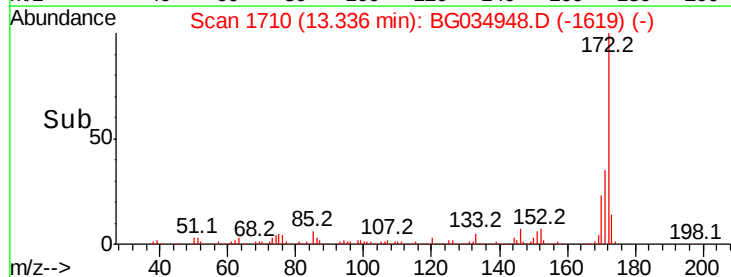
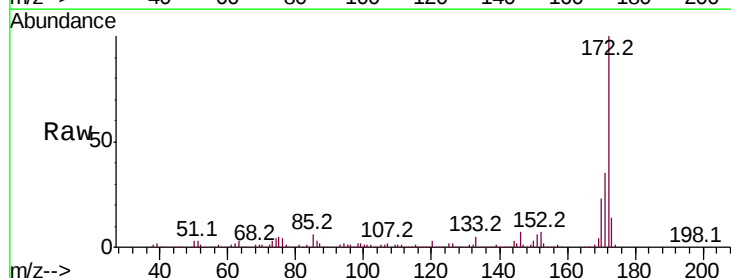
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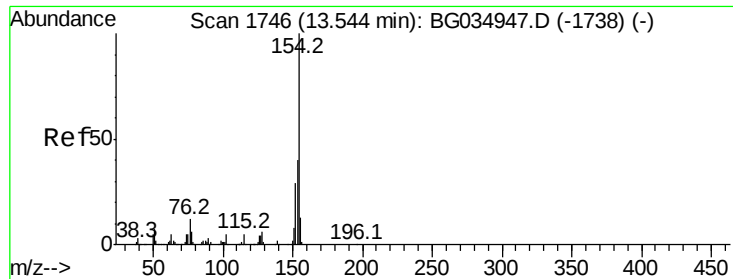
Sohil
 6/8/2018 4:44:39 PM



#44
 2-Fluorobiphenyl
 Concen: 103.173 ng
 RT: 13.34 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG034948.D
 Acq: 7 Jun 2018 11:16

Tgt Ion	172	Resp	731296
Ion Ratio	Lower	Upper	
172	100		
171	34.7	30.0	45.0
170	23.4	19.5	29.3





#45

1,1'-Biphenyl

Concen: 50.779 ng

RT: 13.54 min Scan# 1745

Delta R.T. -0.00 min

Lab File: BG034948.D

Acq: 7 Jun 2018 11:16

Instrument :

BNA_G

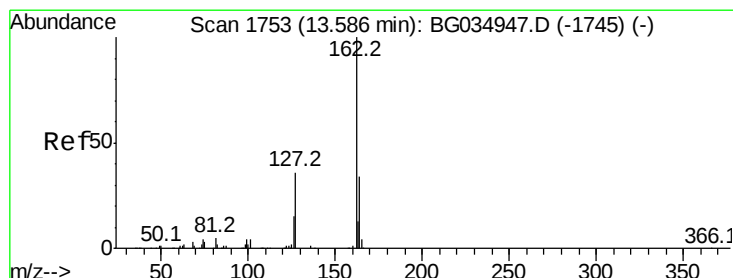
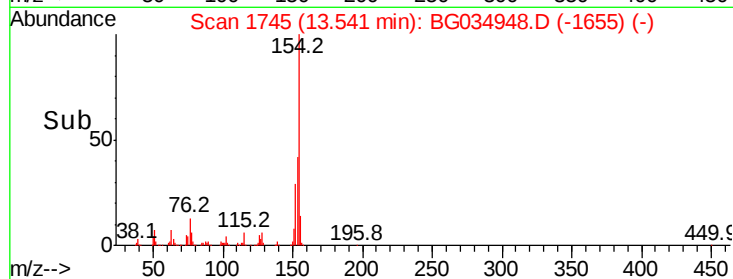
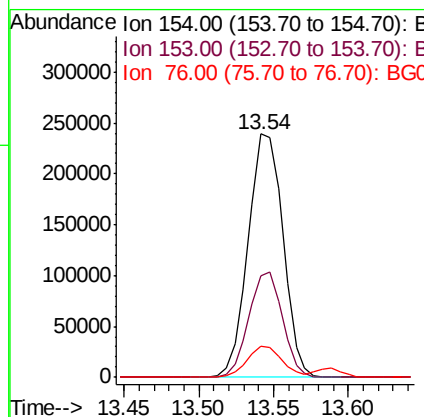
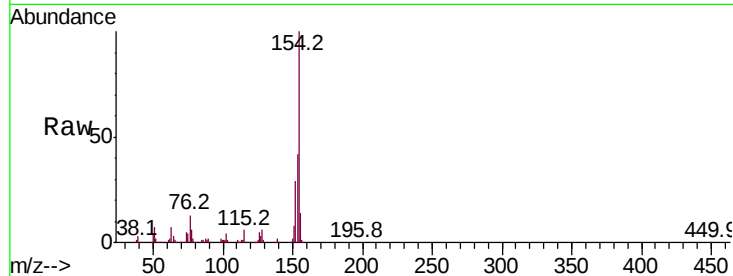
ClientSampleId :

SSTDIC050

Tot Ion:	154	Resp:	384850
Ion Ratio	Lower	Upper	
154	100		
153	41.9	19.8	59.8
76	12.6	0.0	31.9

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#46

2-Chloronaphthalene

Concen: 48.593 ng

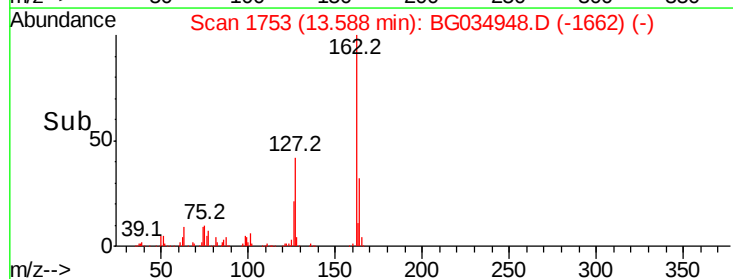
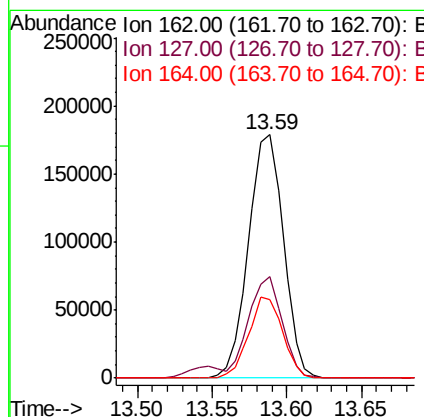
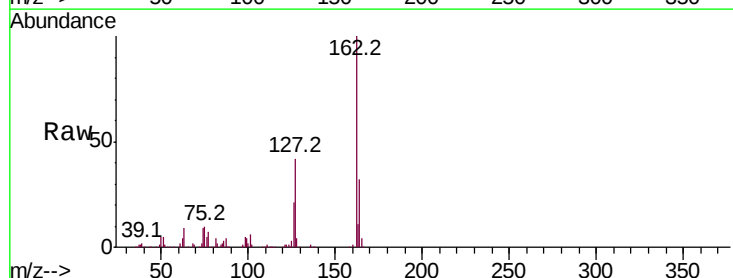
RT: 13.59 min Scan# 1753

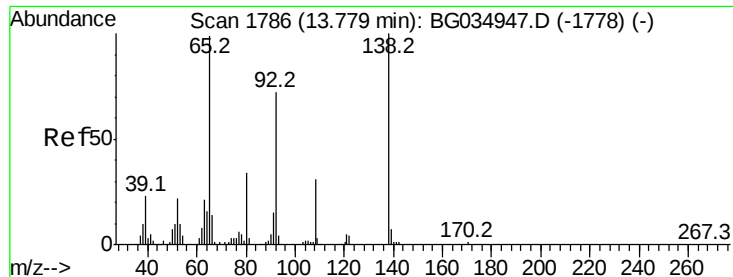
Delta R.T. 0.00 min

Lab File: BG034948.D

Acq: 7 Jun 2018 11:16

Tgt Ion:	162	Resp:	289894
Ion Ratio	Lower	Upper	
162	100		
127	41.7	30.7	46.1
164	32.2	26.0	39.0





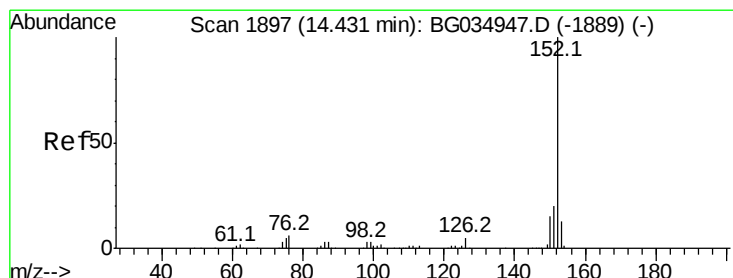
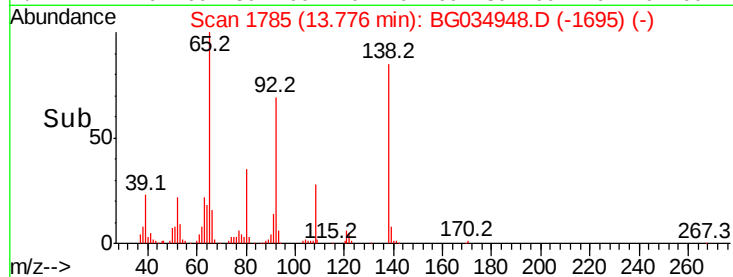
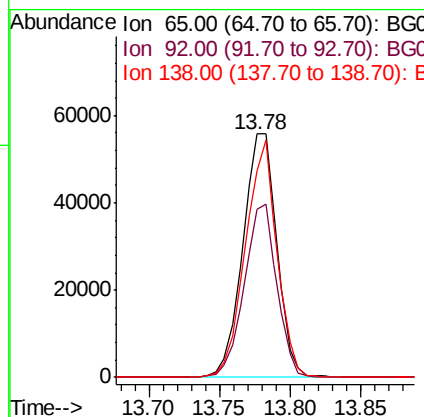
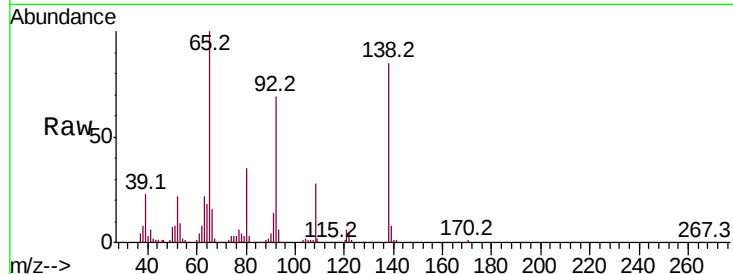
#47
2-Nitroaniline
Concen: 38.588 ng
RT: 13.78 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BG034948.D
Acq: 7 Jun 2018 11:16

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.2	54.6	82.0
138	84.8	72.9	109.3

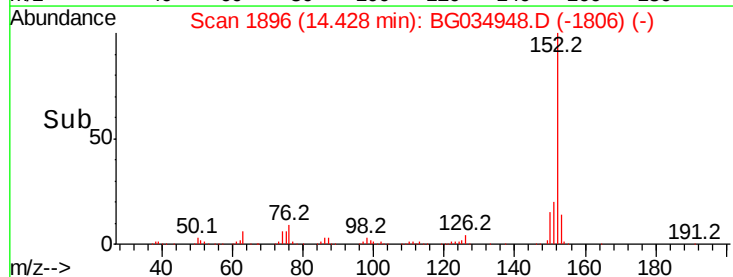
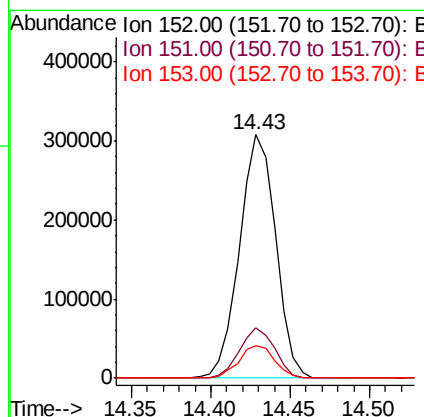
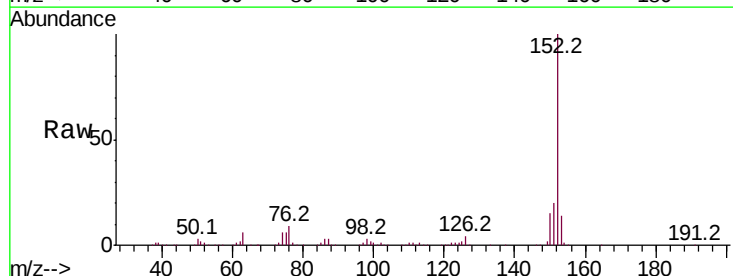
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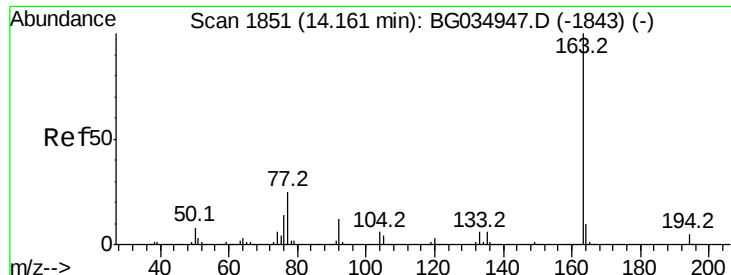
Sohil
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#48
Acenaphthylene
Concen: 53.310 ng
RT: 14.43 min Scan# 1896
Delta R.T. -0.00 min
Lab File: BG034948.D
Acq: 7 Jun 2018 11:16

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	17.2	25.8
153	13.5	10.2	15.4





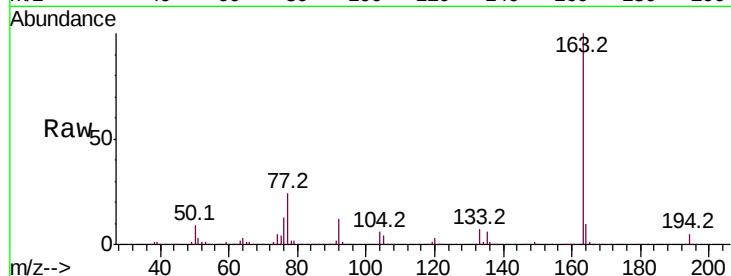
#49
Dimethylphthalate
Concen: 49.564 ng
RT: 14.16 min Scan# 1851
Delta R.T. 0.00 min
Lab File: BG034948.D
Acq: 7 Jun 2018 11:16

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

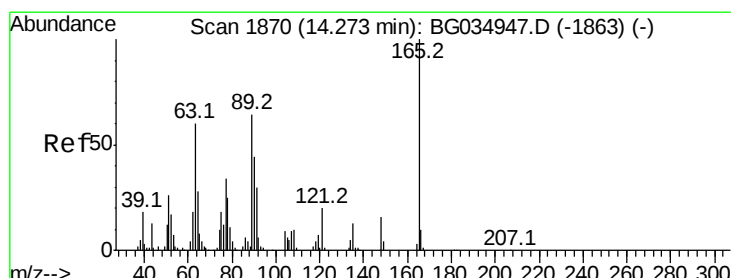
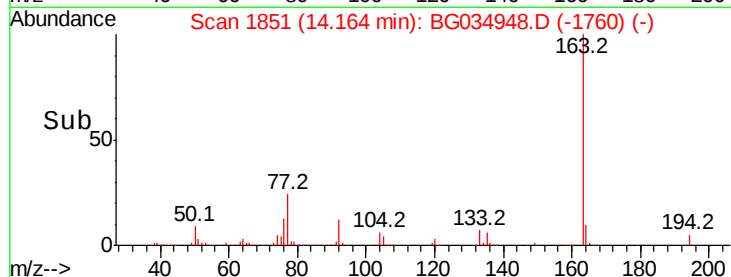
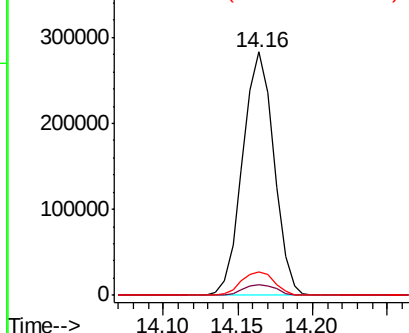
Tot Ion	Ratio	Resp	Lower	Upper
163	100	411682		
194	4.6	3.4	5.2	
164	9.8	8.2	12.4	

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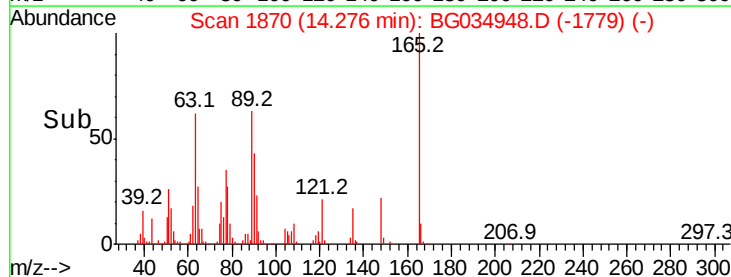
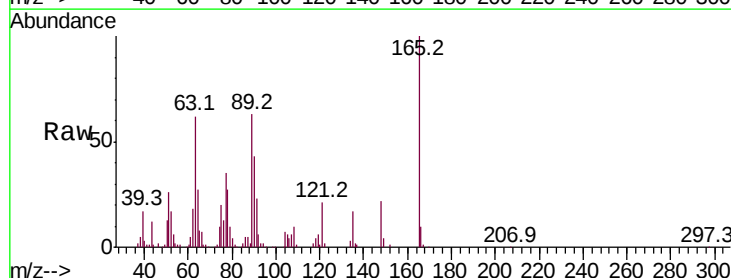
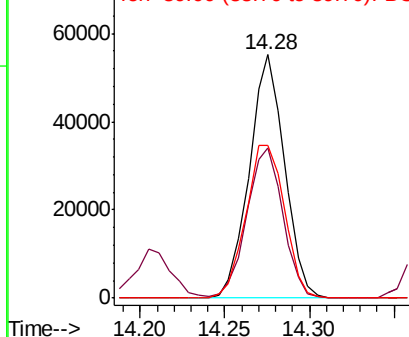
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

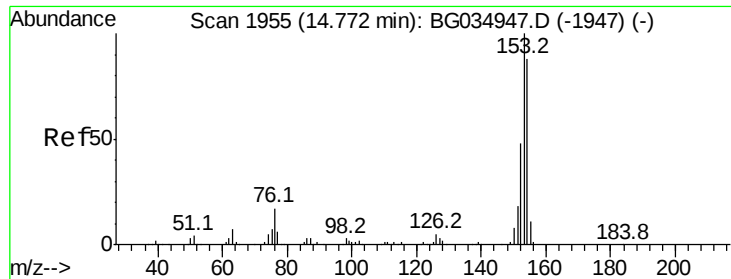


#50
2,6-Dinitrotoluene
Concen: 46.930 ng
RT: 14.28 min Scan# 1870
Delta R.T. 0.00 min
Lab File: BG034948.D
Acq: 7 Jun 2018 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	79937		
63	61.6	52.7	79.1	
89	62.9	49.2	73.8	

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 54.443 ng

RT: 14.77 min Scan# 1954

Delta R.T. -0.00 min

Lab File: BG034948.D

Acq: 7 Jun 2018 11:16

Instrument :

BNA_G

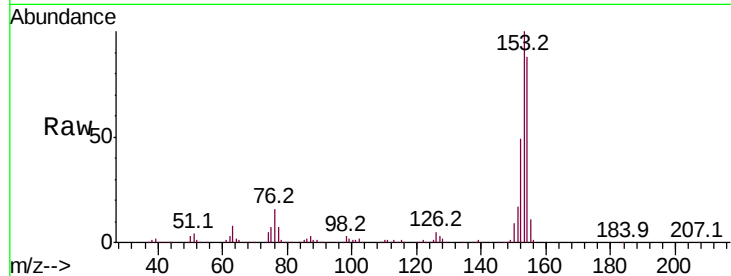
ClientSampleId :

SSTDICC050

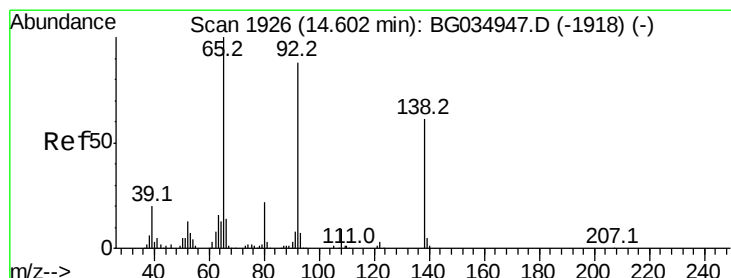
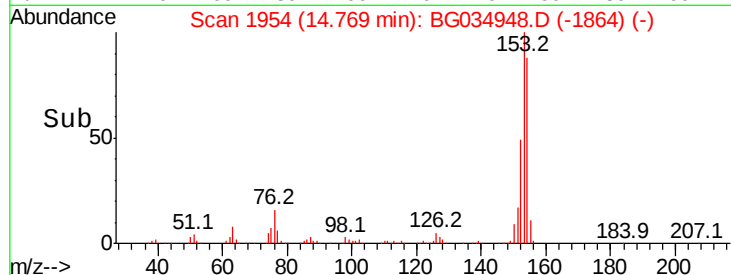
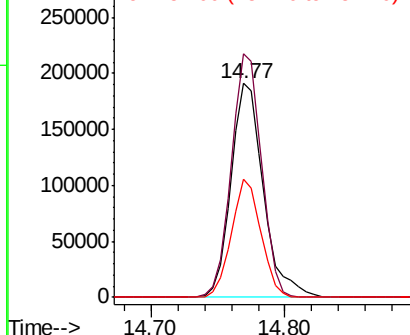
Tot Ion:	154	Resp:	322232
Ion Ratio	Lower	Upper	
154	100		
153	113.7	90.4	135.6
152	55.4	41.6	62.4

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



#52

3-Nitroaniline

Concen: 51.334 ng

RT: 14.60 min Scan# 1926

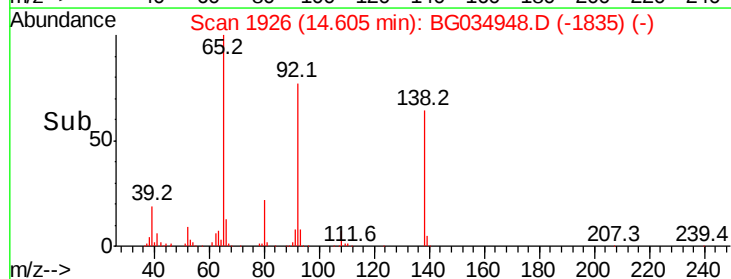
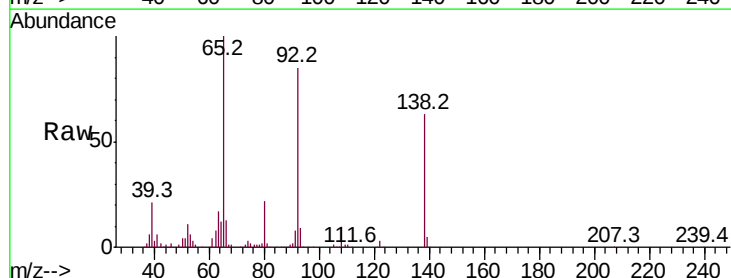
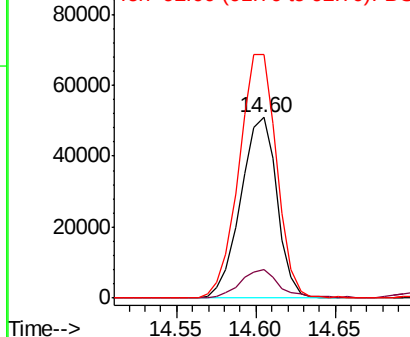
Delta R.T. 0.00 min

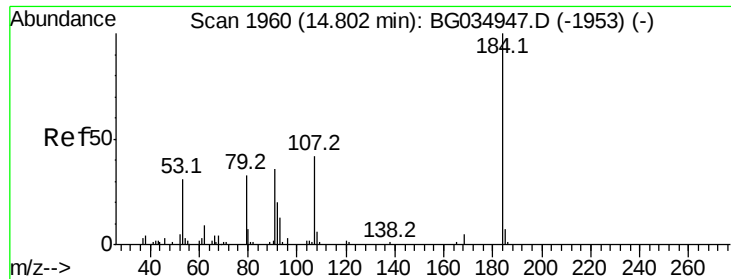
Lab File: BG034948.D

Acq: 7 Jun 2018 11:16

Tgt Ion:	138	Resp:	80816
Ion Ratio	Lower	Upper	
138	100		
108	15.7	17.5	26.3#
92	134.7	105.8	158.8

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





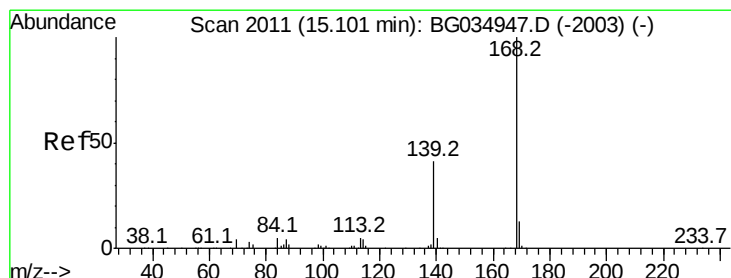
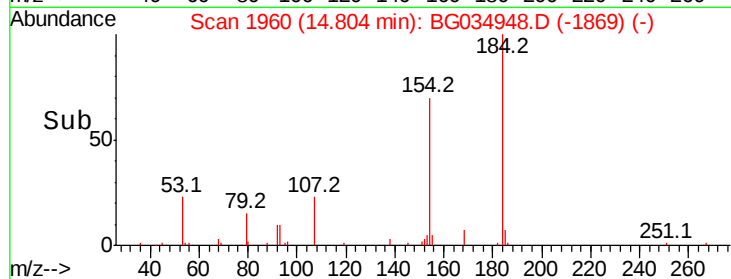
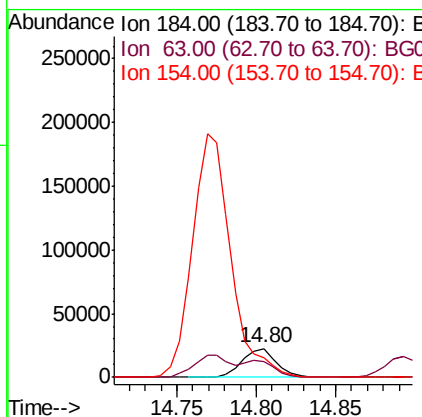
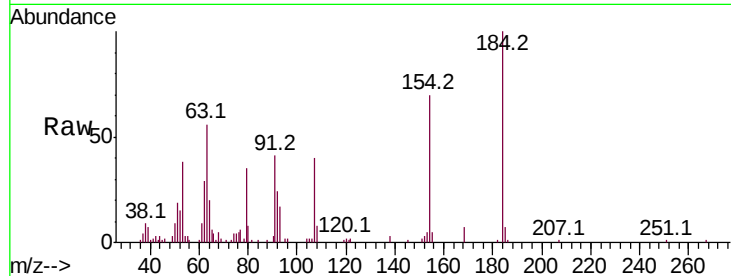
#53
2,4-Dinitrophenol
Concen: 29.897 ng
RT: 14.80 min Scan# 1960
Delta R.T. 0.00 min
Lab File: BG034948.D
Acq: 7 Jun 2018 11:16

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
184	100		
63	55.9	59.8	89.8#
154	69.6	101.8	152.8#

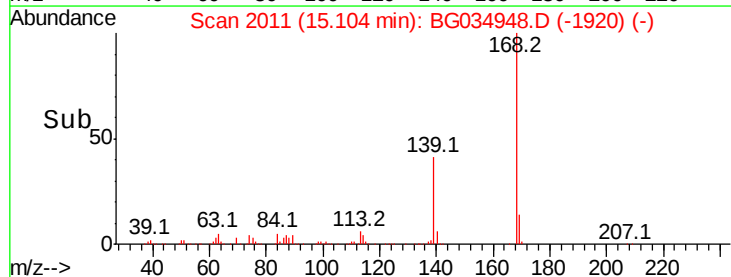
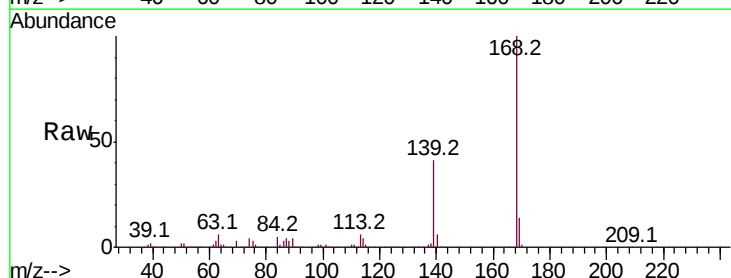
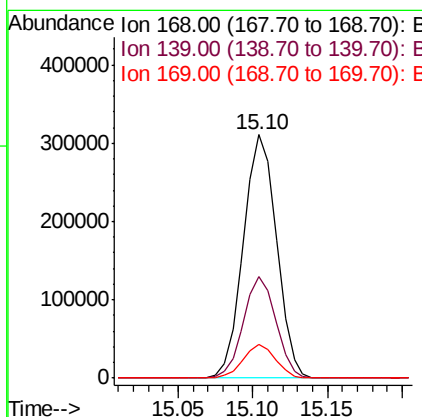
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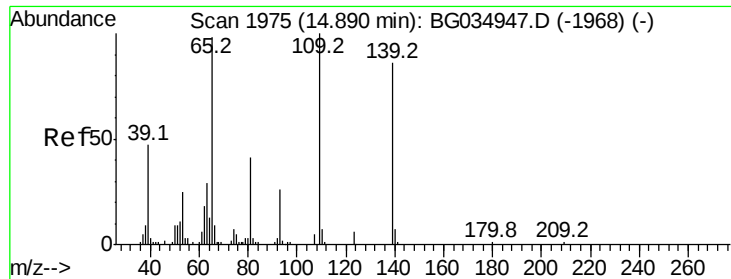
Sohil
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#54
Dibenzofuran
Concen: 49.158 ng
RT: 15.10 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG034948.D
Acq: 7 Jun 2018 11:16

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.5	28.6	43.0
169	13.9	11.2	16.8





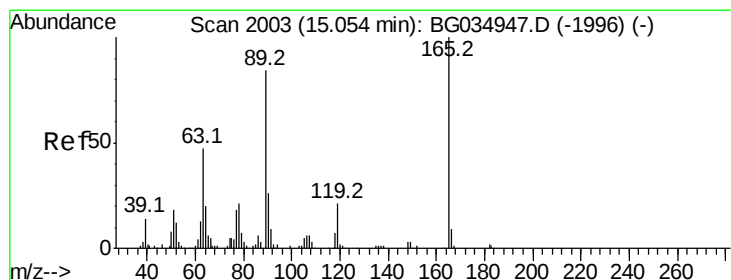
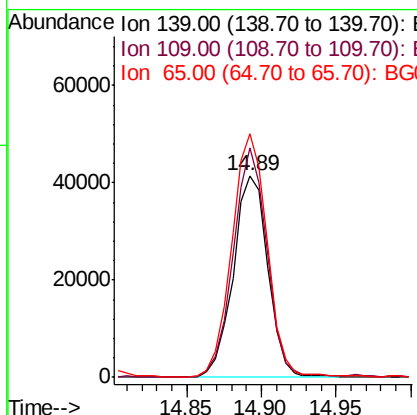
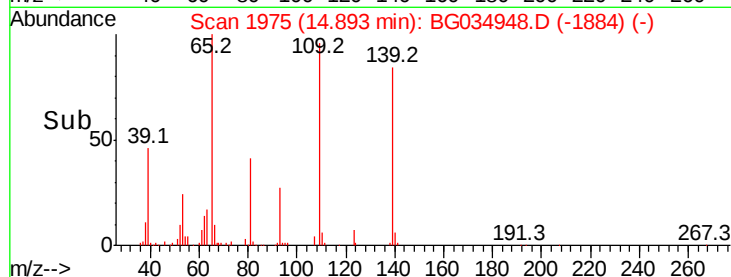
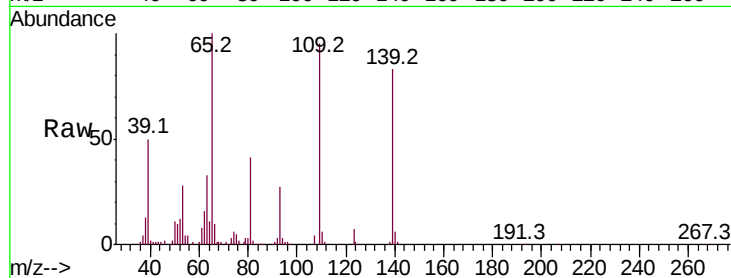
#55
4-Nitrophenol
Concen: 48.263 ng
RT: 14.89 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG034948.D
Acq: 7 Jun 2018 11:16

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tot Ion:139 Resp: 66769
Ion Ratio Lower Upper
139 100
109 114.1 62.2 102.2#
65 120.7 97.2 137.2

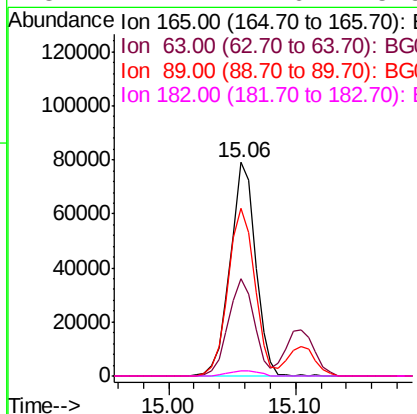
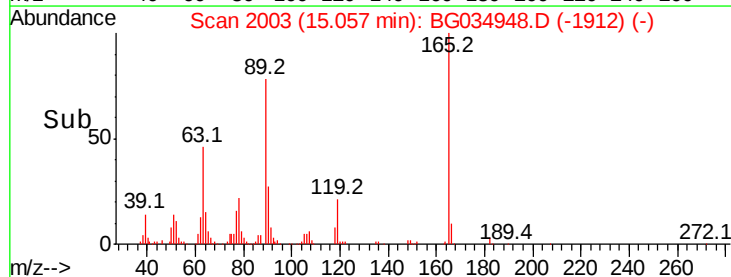
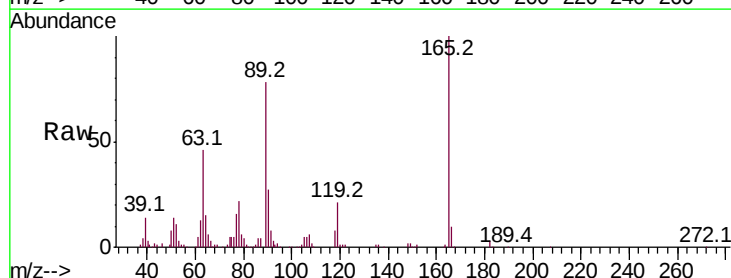
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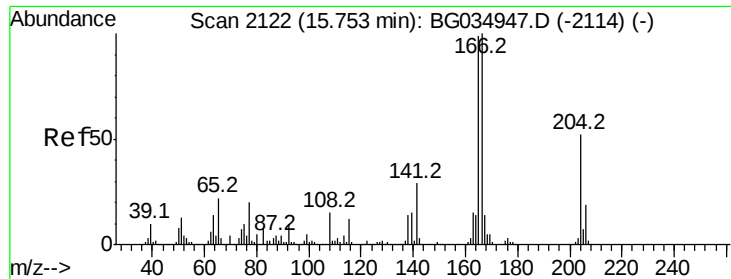
Sohil
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#56
2,4-Dinitrotoluene
Concen: 43.360 ng
RT: 15.06 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BG034948.D
Acq: 7 Jun 2018 11:16

Tgt Ion:165 Resp: 109632
Ion Ratio Lower Upper
165 100
63 45.8 42.0 63.0
89 78.4 66.9 100.3
182 2.7 2.6 3.8





#57

Fluorene

Concen: 52.239 ng

RT: 15.76 min Scan# 2122

Delta R.T. 0.00 min

Lab File: BG034948.D

Acq: 7 Jun 2018 11:16

Instrument :

BNA_G

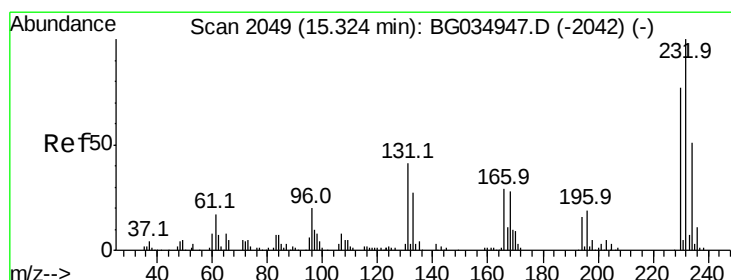
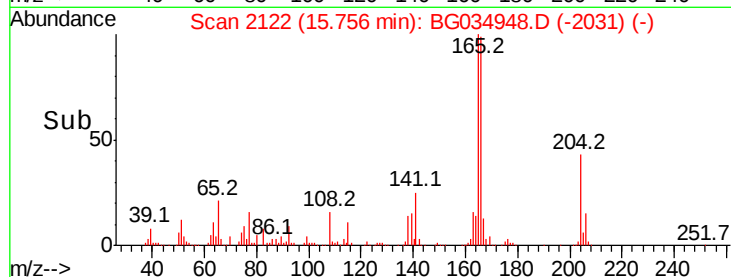
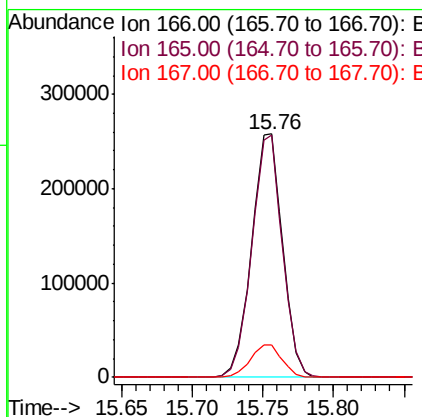
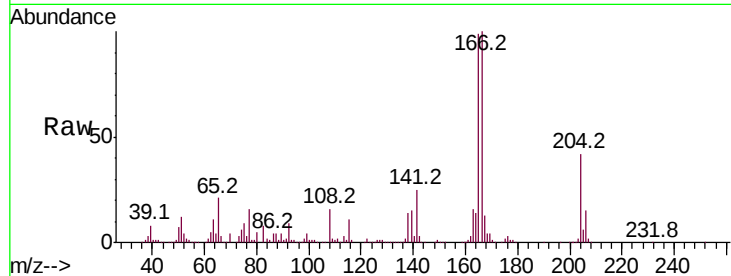
ClientSampleId :

SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
166	100	395832		
165	99.5	80.6	121.0	
167	13.5	10.4	15.6	

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6/8/2018 4:44:39 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.547 ng

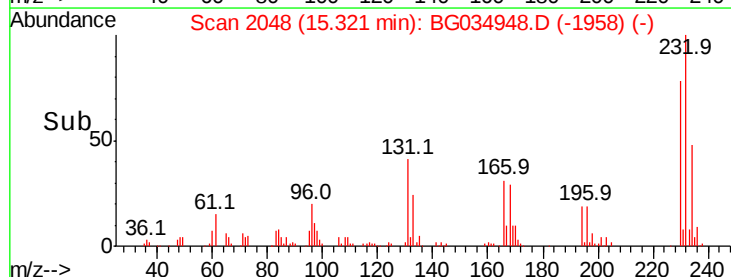
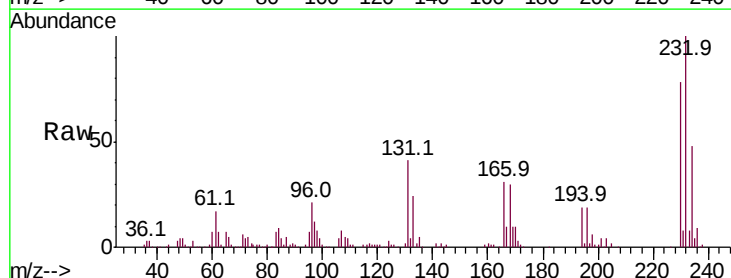
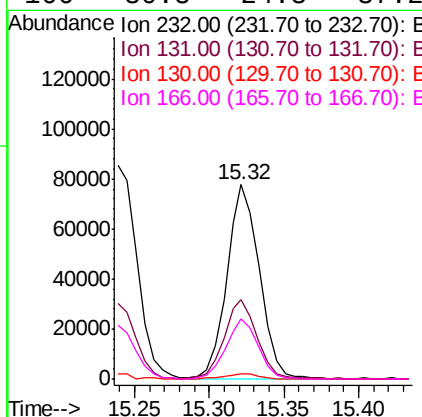
RT: 15.32 min Scan# 2048

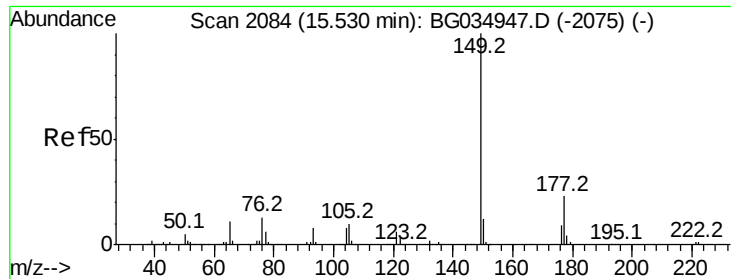
Delta R.T. -0.00 min

Lab File: BG034948.D

Acq: 7 Jun 2018 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	117272		
131	41.6	33.5	50.3	
130	2.7	2.2	3.2	
166	30.8	24.8	37.2	





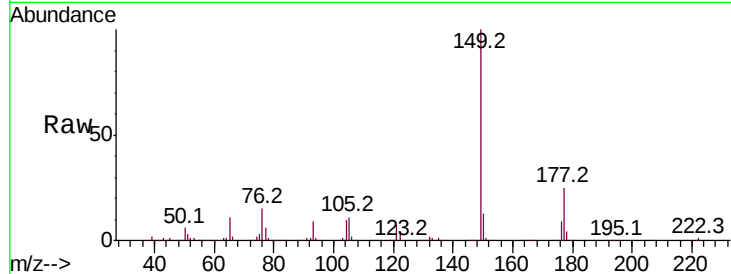
#59
Diethylphthalate
Concen: 48.458 ng
RT: 15.53 min Scan# 2083
Delta R.T. -0.00 min
Lab File: BG034948.D
Acq: 7 Jun 2018 11:16

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
149	100	418586		
177	24.8	18.5	27.7	
150	13.2	10.2	15.2	

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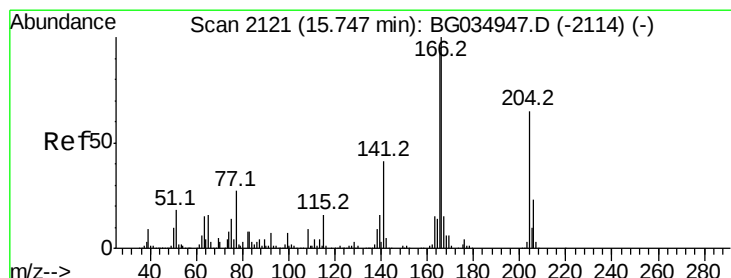
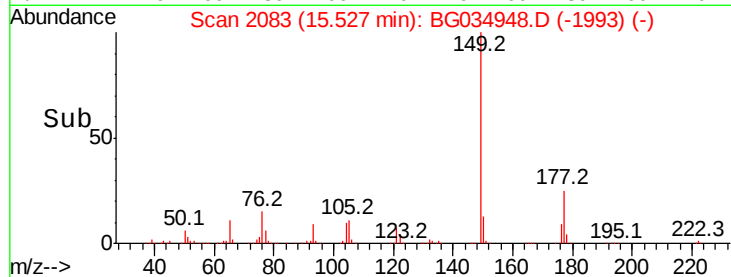
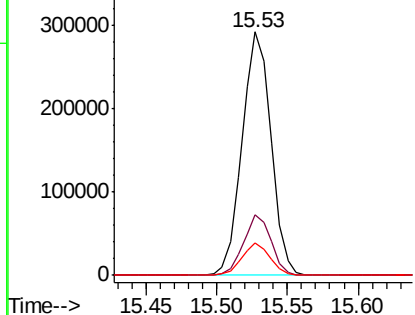


Abundance

Ion 149.00 (148.70 to 149.70): E

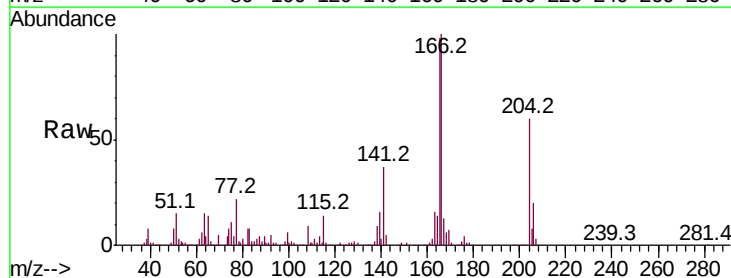
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60
4-Chlorophenyl-phenylether
Concen: 50.388 ng
RT: 15.75 min Scan# 2121
Delta R.T. 0.00 min
Lab File: BG034948.D
Acq: 7 Jun 2018 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	226735		
206	34.0	26.2	39.2	
141	61.1	45.8	68.6	

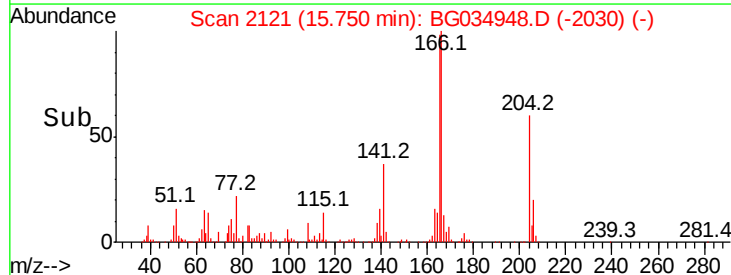
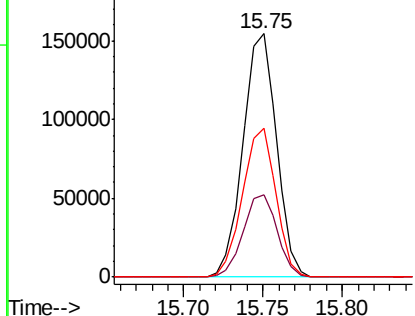


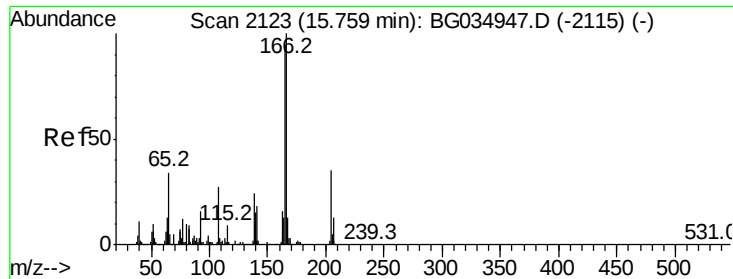
Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 48.047 ng

RT: 15.77 min Scan# 2124

Delta R.T. 0.01 min

Lab File: BG034948.D

Acq: 7 Jun 2018 11:16

Instrument :

BNA_G

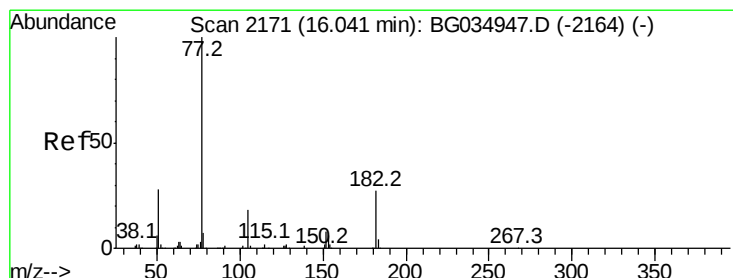
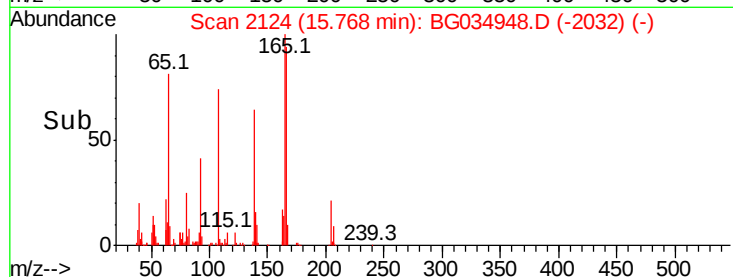
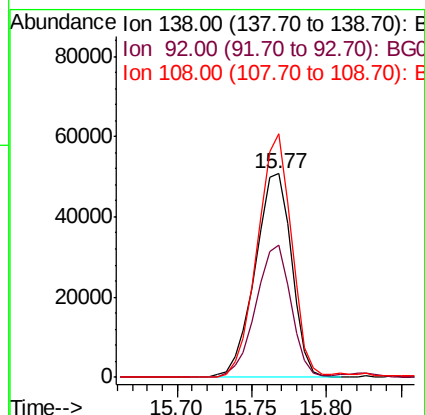
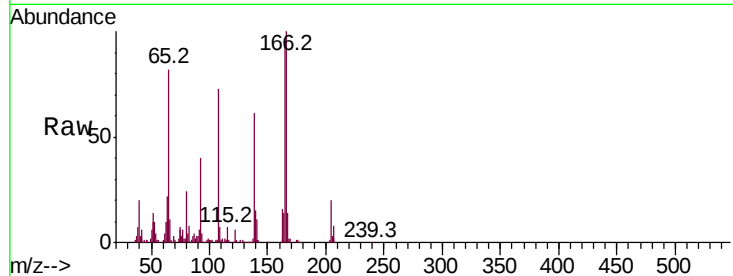
ClientSampleId :

SSTDIC050

Tot Ion	Ratio	Lower	Upper
138	100		
92	65.1	40.1	80.1
108	119.6	65.4	105.4

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#62

Azobenzene

Concen: 44.834 ng

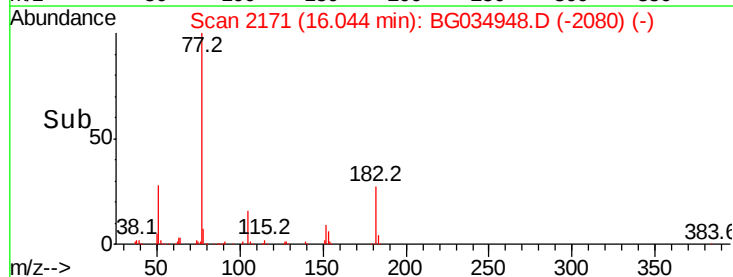
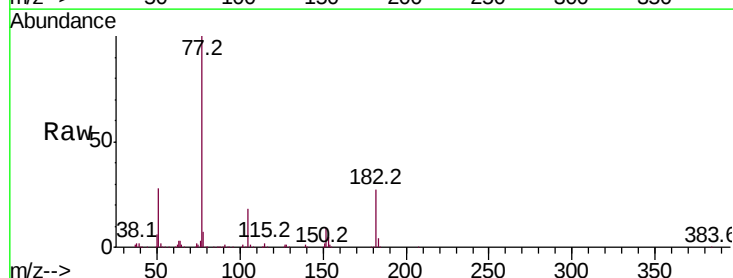
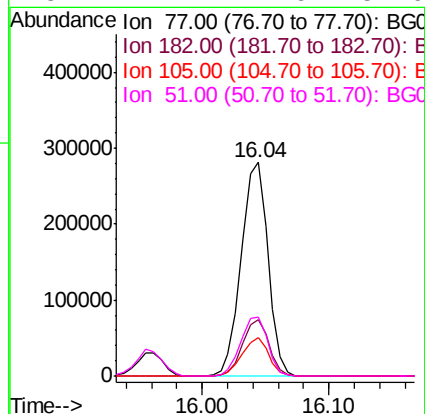
RT: 16.04 min Scan# 2171

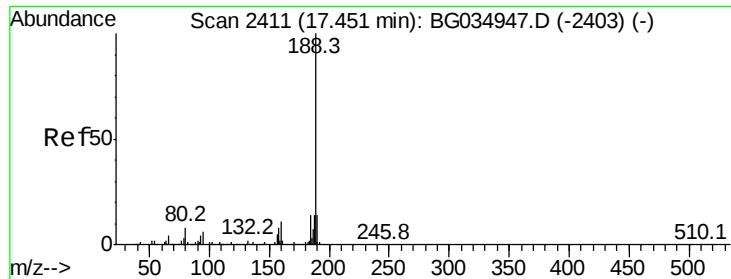
Delta R.T. 0.00 min

Lab File: BG034948.D

Acq: 7 Jun 2018 11:16

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.6	7.4	47.4
105	17.8	0.3	40.3
51	27.7	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.45 min Scan# 2410

Delta R.T. -0.00 min

Lab File: BG034948.D

Acq: 7 Jun 2018 11:16

Instrument :

BNA_G

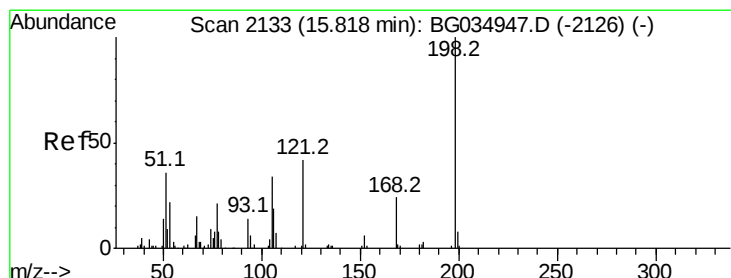
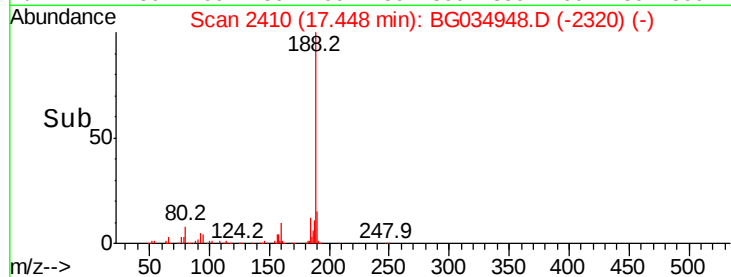
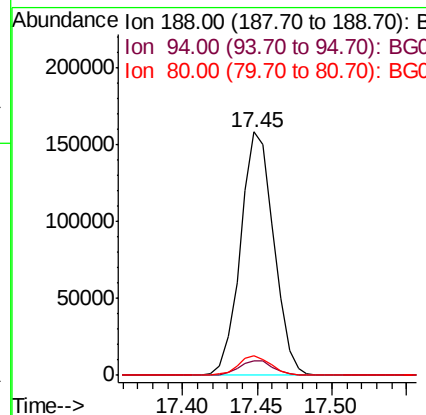
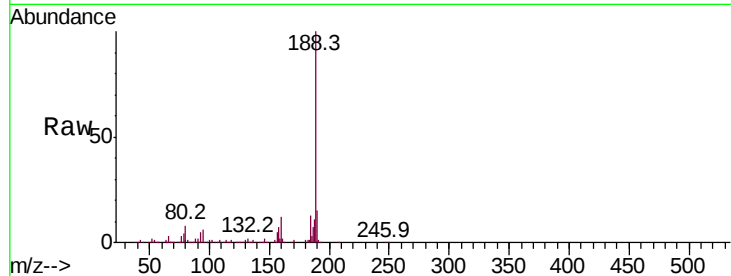
ClientSampleId :

SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
188	100	243948		
94	5.9		6.9	10.3#
80	8.1		7.7	11.5

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#64

4,6-Dinitro-2-methylphenol

Concen: 37.626 ng

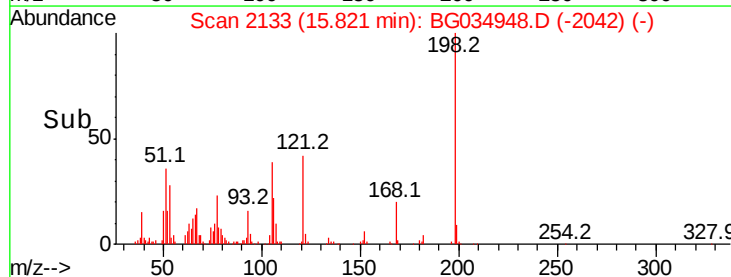
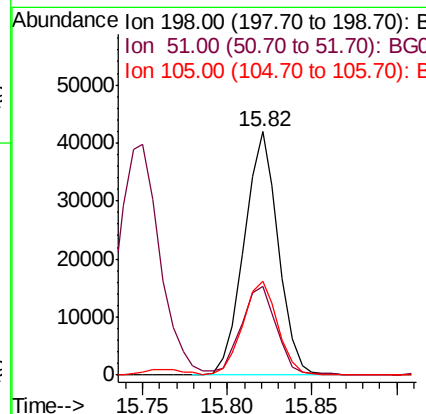
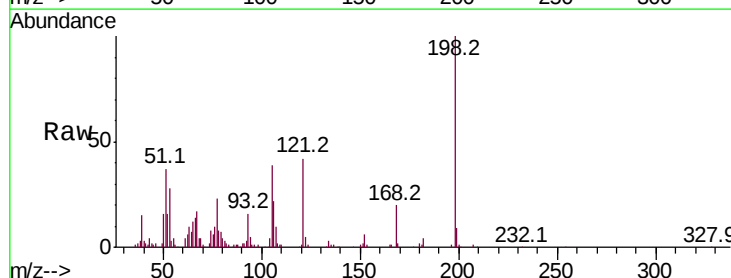
RT: 15.82 min Scan# 2133

Delta R.T. 0.00 min

Lab File: BG034948.D

Acq: 7 Jun 2018 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	58860		
51	36.7		30.6	70.6
105	38.6		23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 50.834 ng

RT: 15.96 min Scan# 2157

Delta R.T. 0.00 min

Lab File: BG034948.D

Acq: 7 Jun 2018 11:16

Instrument :

BNA_G

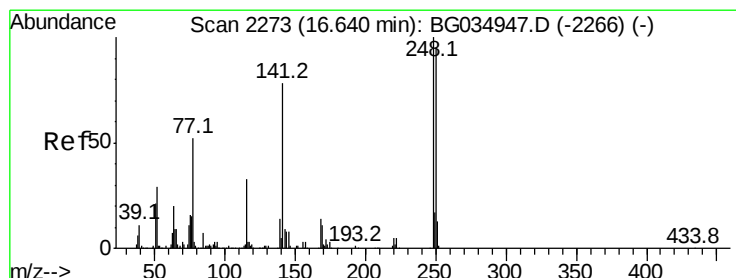
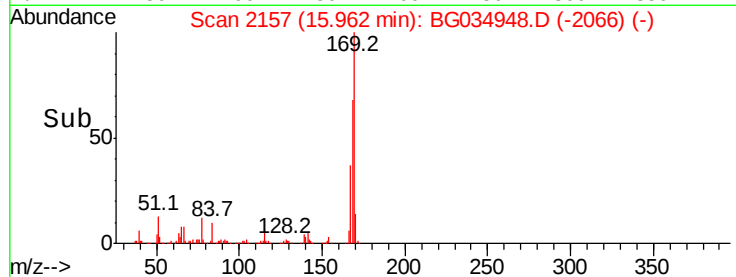
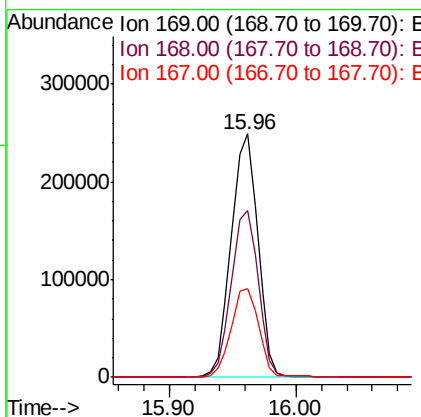
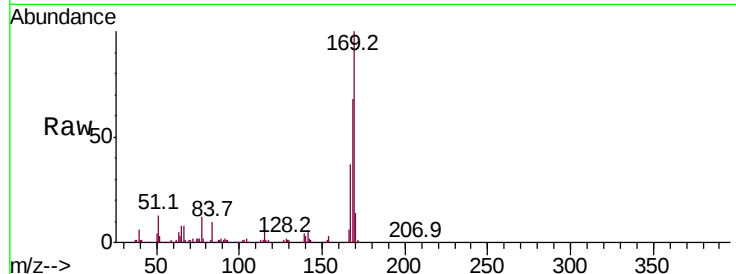
ClientSampleId :

SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	68.4	55.7	83.5	
167	36.7	30.1	45.1	

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#66

4-Bromophenyl-phenylether

Concen: 45.252 ng

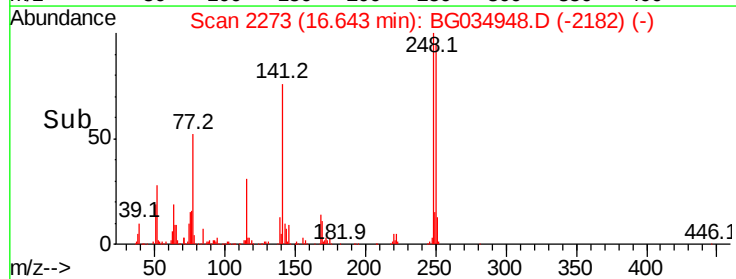
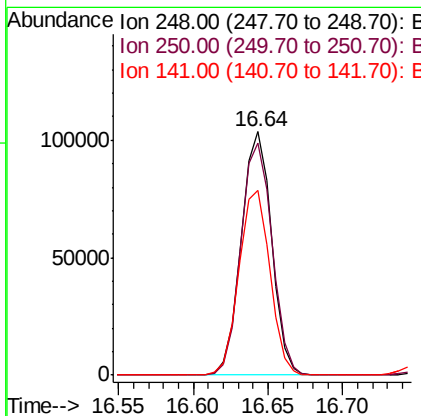
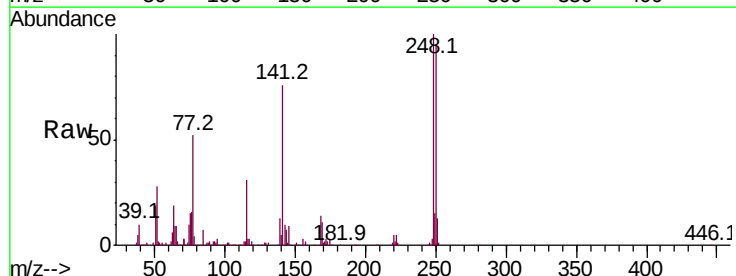
RT: 16.64 min Scan# 2273

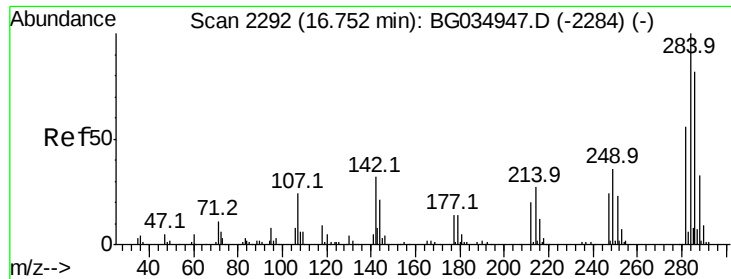
Delta R.T. 0.00 min

Lab File: BG034948.D

Acq: 7 Jun 2018 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	95.4	77.1	115.7	
141	75.9	50.8	76.2	





#67

Hexachlorobenzene

Concen: 42.162 ng

RT: 16.75 min Scan# 2292

Delta R.T. 0.00 min

Lab File: BG034948.D

Acq: 7 Jun 2018 11:16

Instrument :

BNA_G

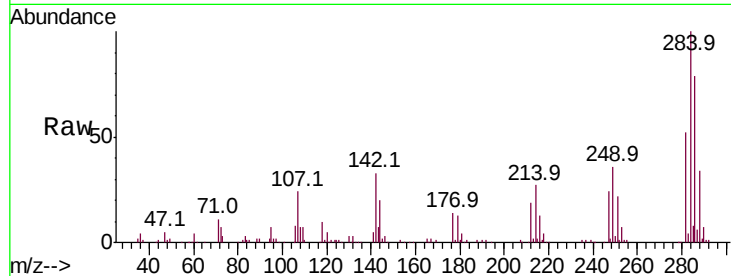
ClientSampled :

SSTDIC050

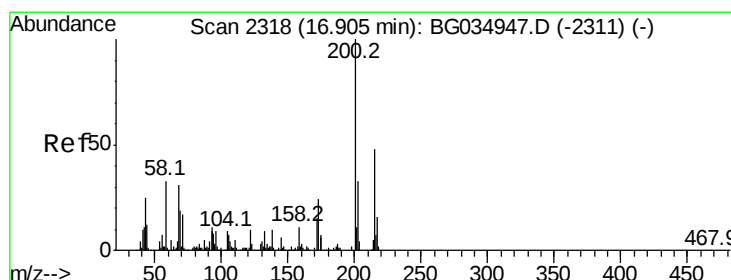
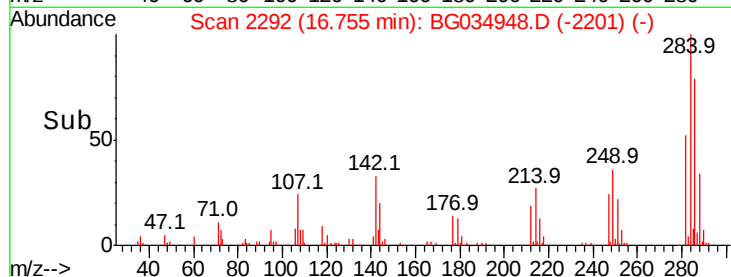
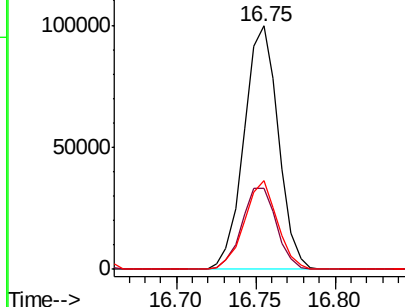
Tot Ion:	284	Resp:	149577
Ion Ratio	Lower	Upper	
284	100		
142	33.4	26.8	40.2
249	36.3	26.3	39.5

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



#68

Atrazine

Concen: 48.844 ng

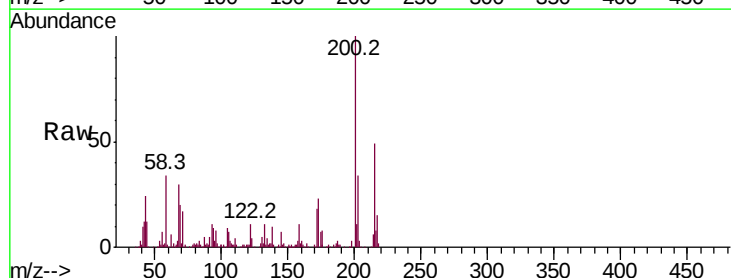
RT: 16.91 min Scan# 2318

Delta R.T. 0.00 min

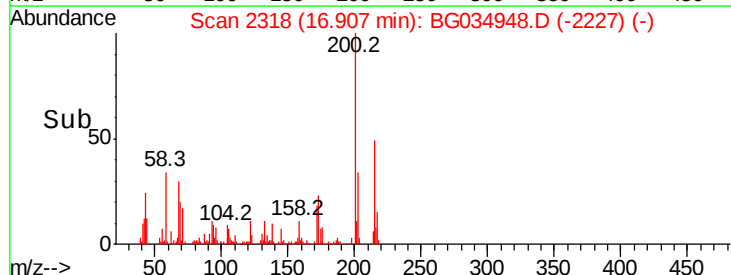
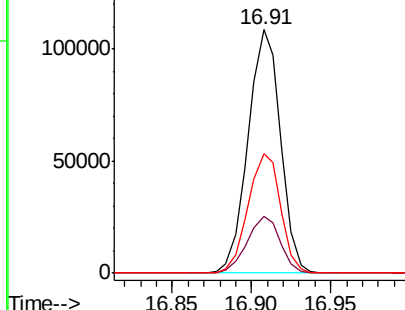
Lab File: BG034948.D

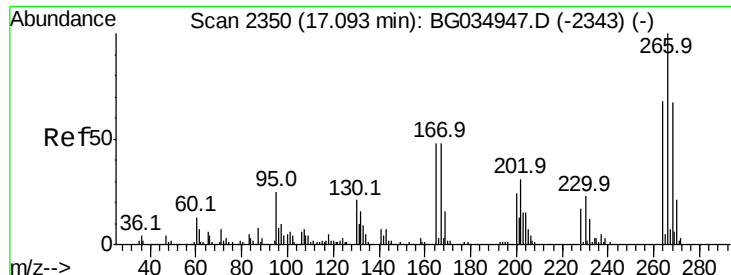
Acq: 7 Jun 2018 11:16

Tgt Ion:	200	Resp:	154422
Ion Ratio	Lower	Upper	
200	100		
173	23.4	5.2	45.2
215	49.0	30.4	70.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





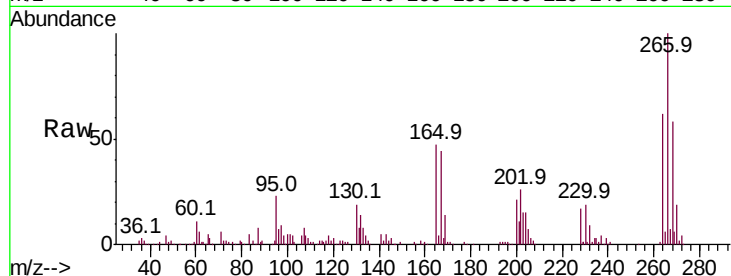
#69
 Pentachlorophenol
 Concen: 50.614 ng
 RT: 17.10 min Scan# 2350
 Delta R.T. 0.00 min
 Lab File: BG034948.D
 Acq: 7 Jun 2018 11:16

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	58.4		51.1	76.7
264	61.9		49.6	74.4

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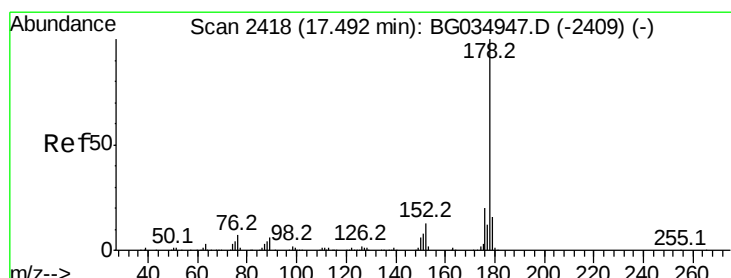
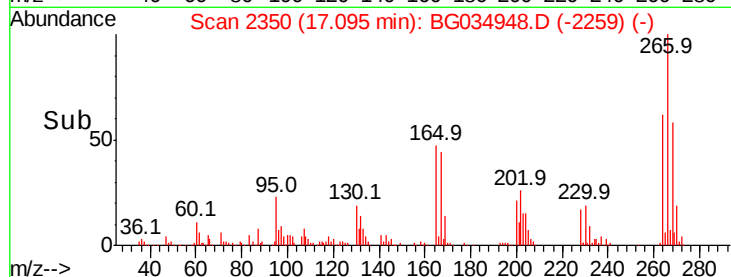
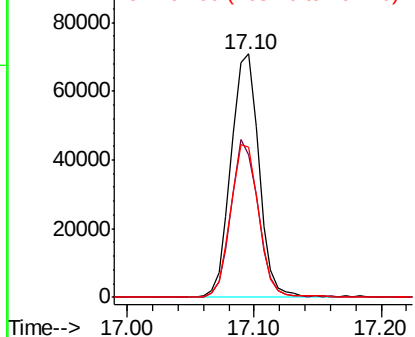


Abundance

Ion 265.70 (265.40 to 266.40): E

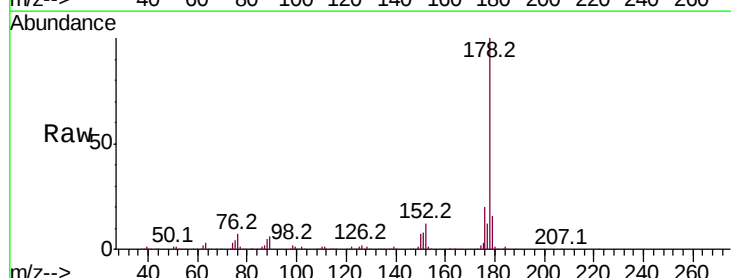
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 46.635 ng
 RT: 17.49 min Scan# 2418
 Delta R.T. 0.00 min
 Lab File: BG034948.D
 Acq: 7 Jun 2018 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	20.3		15.7	23.5
179	16.5		12.5	18.7

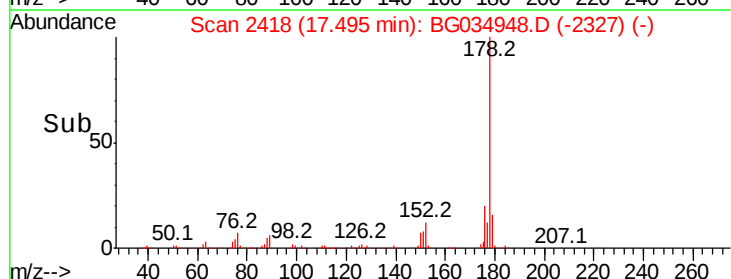
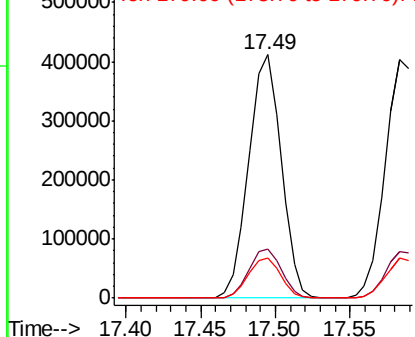


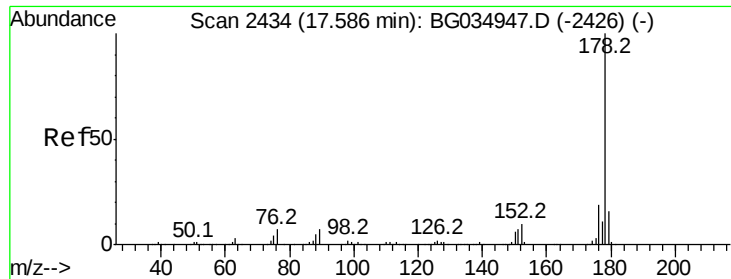
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





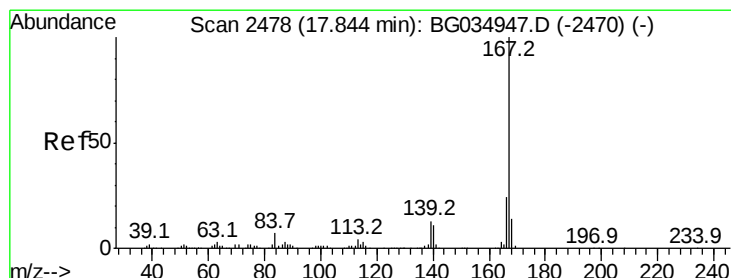
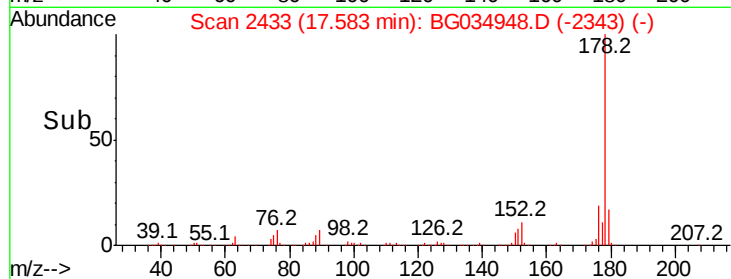
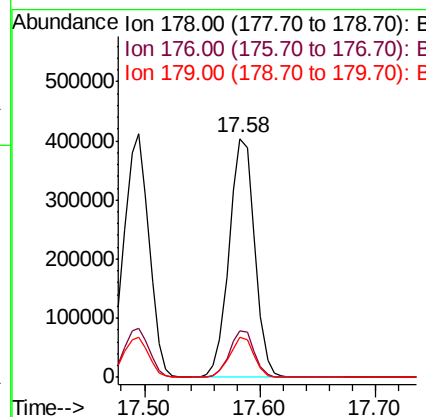
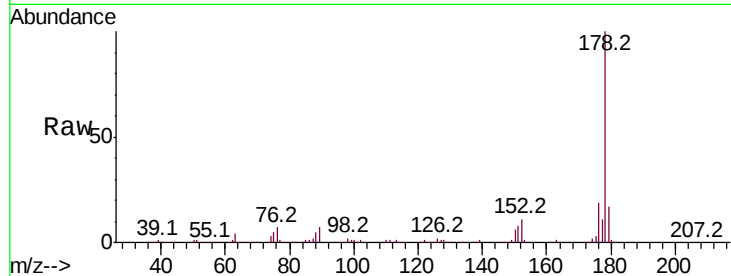
#71
 Anthracene
 Concen: 45.828 ng
 RT: 17.58 min Scan# 2433
 Delta R.T. -0.00 min
 Lab File: BG034948.D
 Acq: 7 Jun 2018 11:16

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.0	24.0
179	16.6	12.5	18.7

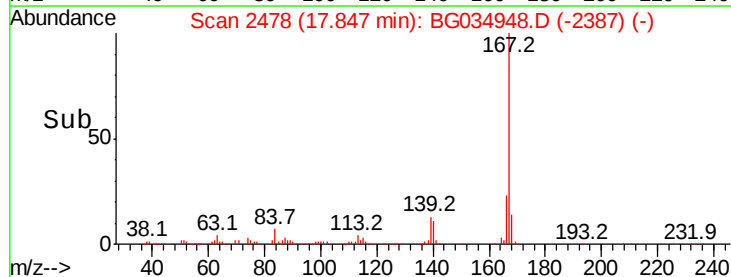
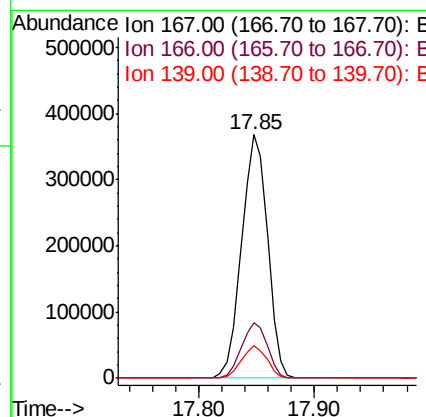
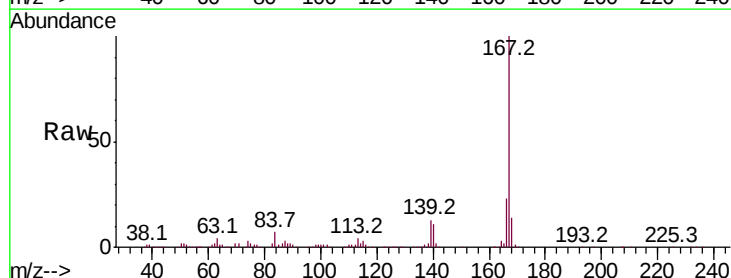
Manual Integrations
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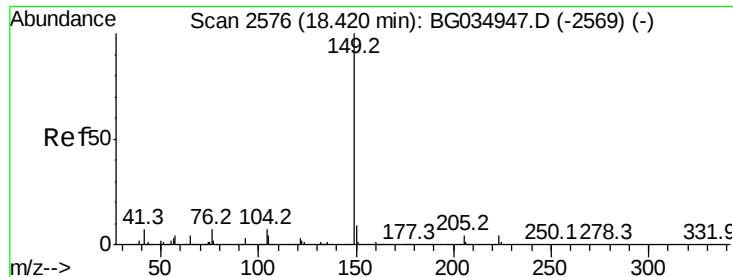
Sohil
 6/8/2018 4:44:39 PM



#72
 Carbazole
 Concen: 51.251 ng
 RT: 17.85 min Scan# 2478
 Delta R.T. 0.00 min
 Lab File: BG034948.D
 Acq: 7 Jun 2018 11:16

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.9	18.2	27.4
139	13.2	9.4	14.2





#73

Di-n-butylphthalate

Concen: 48.879 ng

RT: 18.42 min Scan# 2576

Delta R.T. 0.00 min

Lab File: BG034948.D

Acq: 7 Jun 2018 11:16

Instrument :

BNA_G

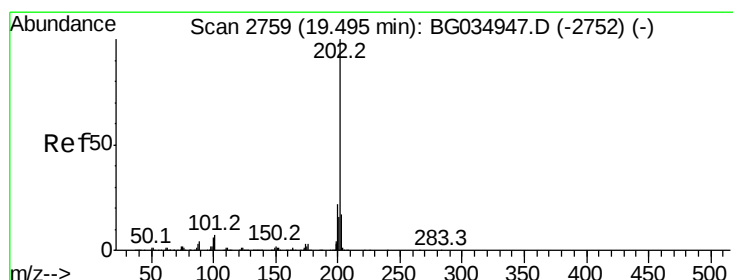
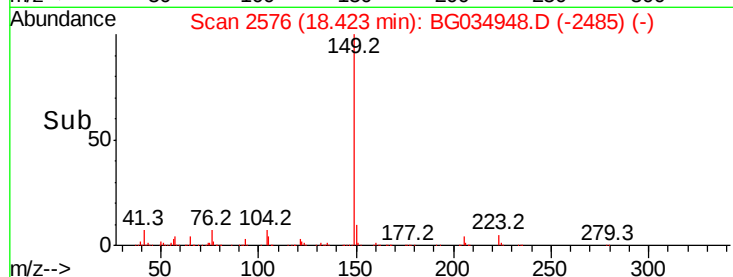
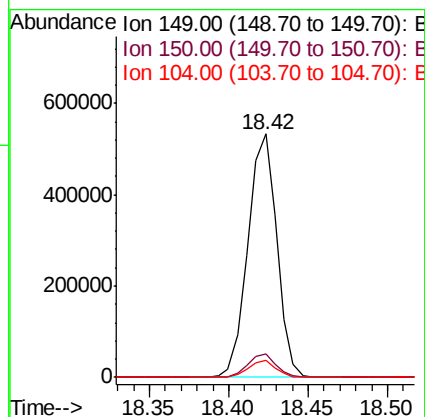
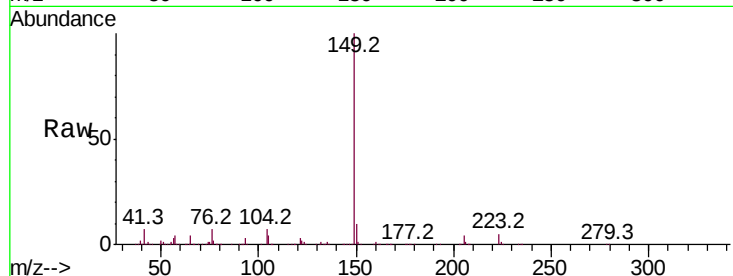
ClientSampleId :

SSTDIC050

Tot Ion:	149	Resp:	674275
Ion Ratio	Lower	Upper	
149	100		
150	9.8	7.8	11.6
104	6.9	3.9	5.9

Manual Integrations
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#74

Fluoranthene

Concen: 48.536 ng

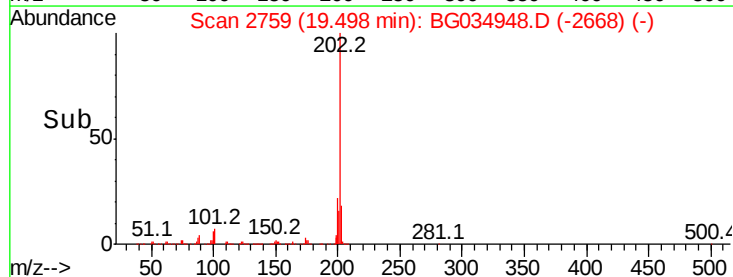
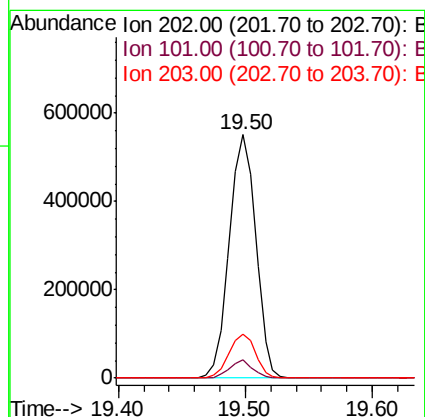
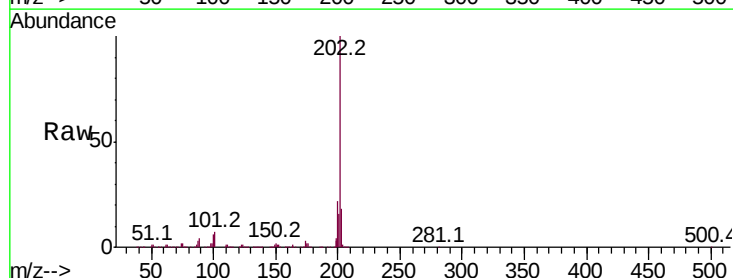
RT: 19.50 min Scan# 2759

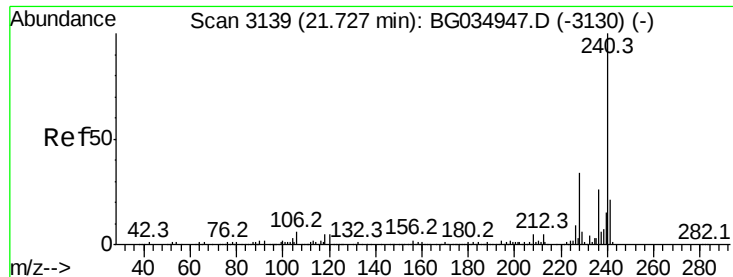
Delta R.T. 0.00 min

Lab File: BG034948.D

Acq: 7 Jun 2018 11:16

Tgt Ion:	202	Resp:	792572
Ion Ratio	Lower	Upper	
202	100		
101	7.3	0.0	28.9
203	18.3	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.72 min Scan# 3138

Delta R.T. -0.00 min

Lab File: BG034948.D

Acq: 7 Jun 2018 11:16

Instrument :

BNA_G

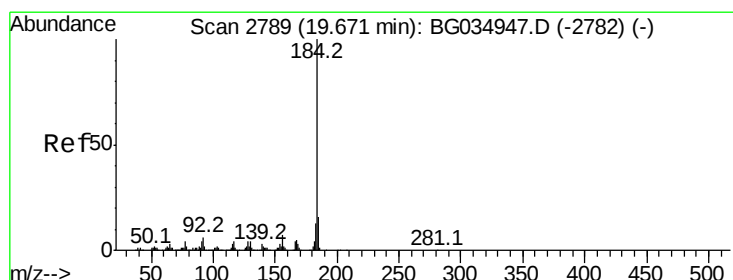
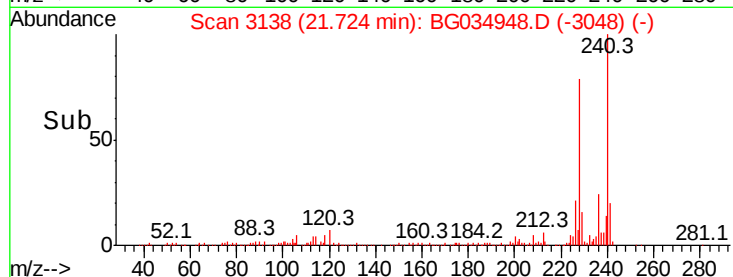
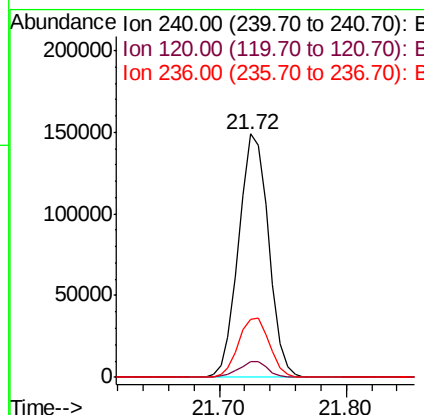
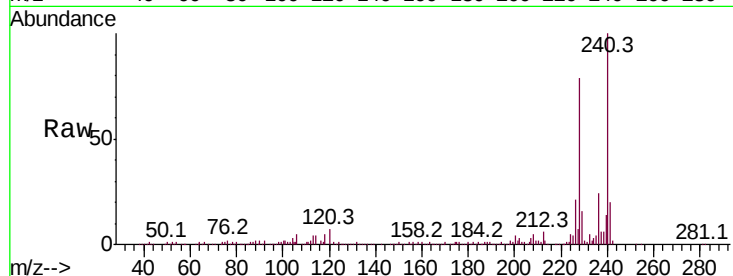
ClientSampleId :

SSTDIC050

Tot Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	6.6	6.8	10.2#
236	24.0	20.9	31.3

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#76

Benzidine

Concen: 72.124 ng

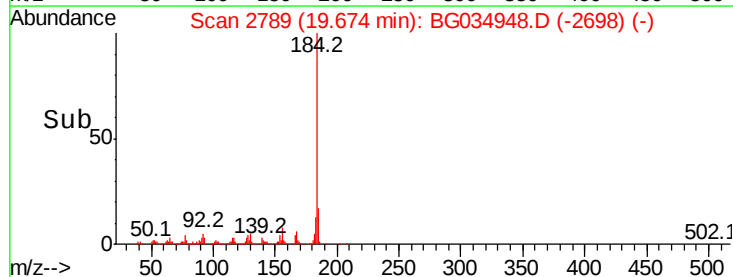
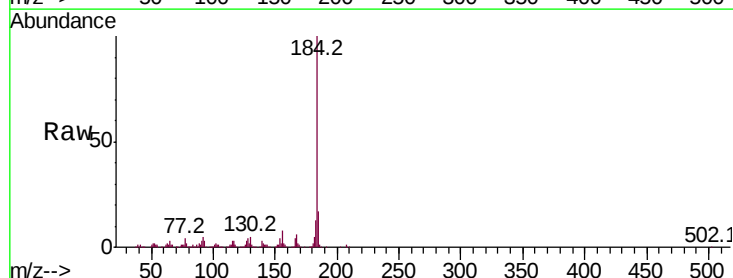
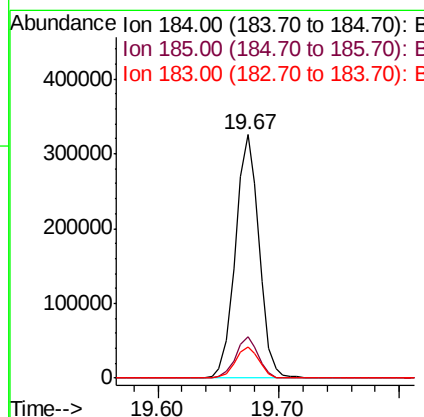
RT: 19.67 min Scan# 2789

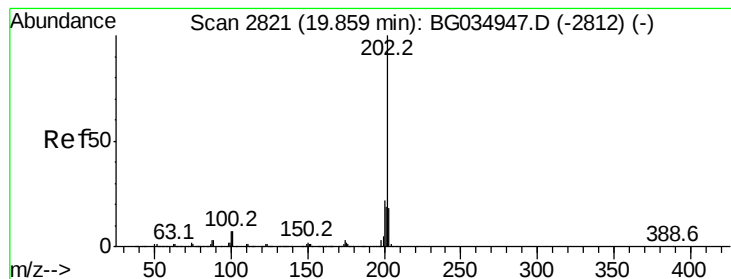
Delta R.T. 0.00 min

Lab File: BG034948.D

Acq: 7 Jun 2018 11:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
184	100		
185	16.8	11.1	16.7#
183	12.8	10.6	16.0





#77

Pvrene

Concen: 52.311 ng

RT: 19.86 min Scan# 2820

Delta R.T. -0.00 min

Lab File: BG034948.D

Acq: 7 Jun 2018 11:16

Instrument :

BNA_G

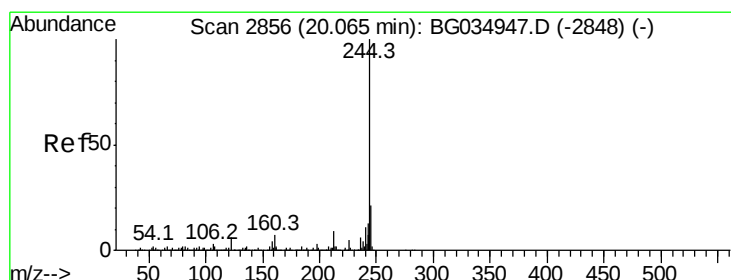
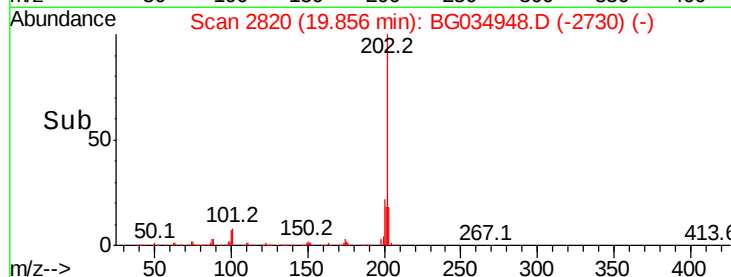
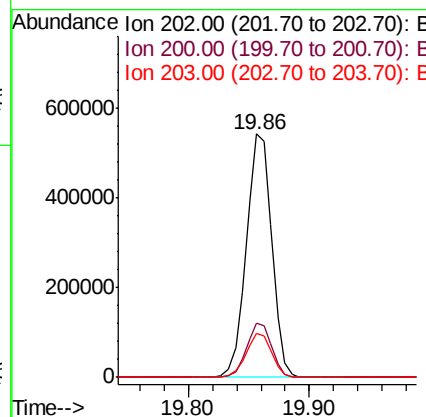
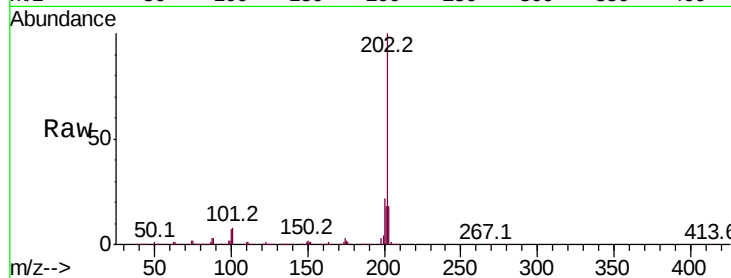
ClientSampleId :

SSTDIC050

Tot Ion:	202	Resp:	796678
Ion Ratio	Lower	Upper	
202	100		
200	22.3	16.9	25.3
203	18.2	13.9	20.9

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#78

Terphenyl-d14

Concen: 104.405 ng

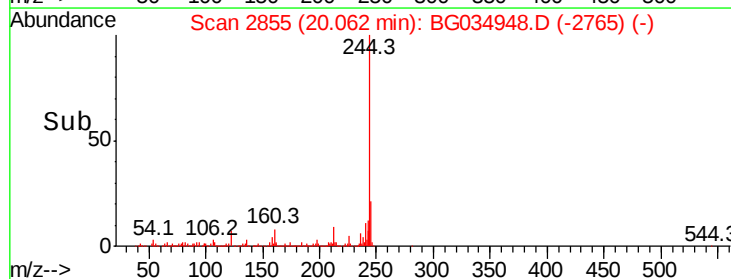
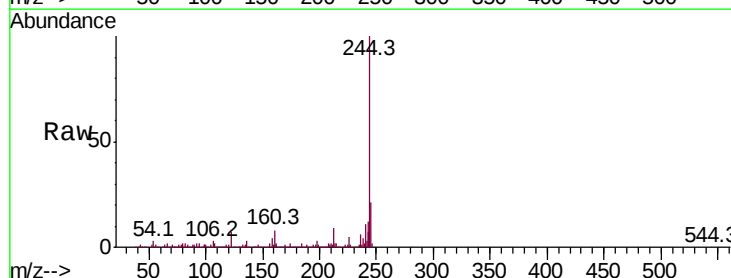
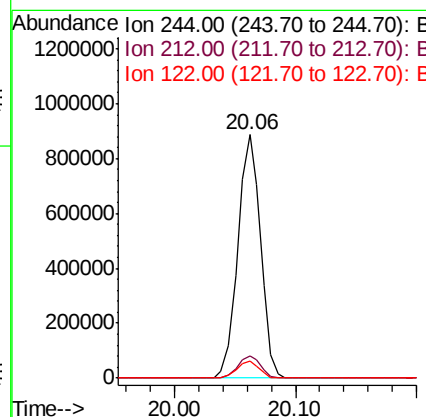
RT: 20.06 min Scan# 2855

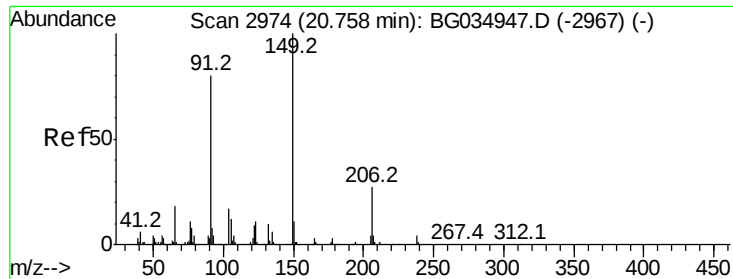
Delta R.T. -0.00 min

Lab File: BG034948.D

Acq: 7 Jun 2018 11:16

Tgt Ion:	244	Resp:	1158345
Ion Ratio	Lower	Upper	
244	100		
212	9.4	5.8	8.8#
122	7.1	7.0	10.4





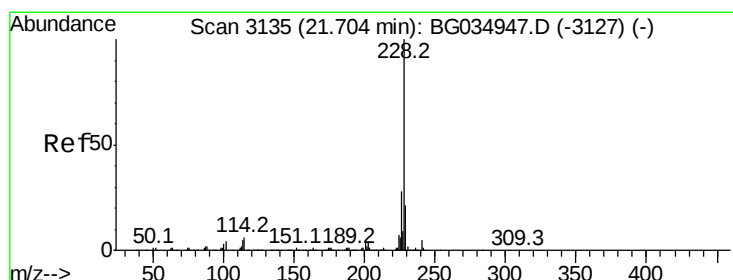
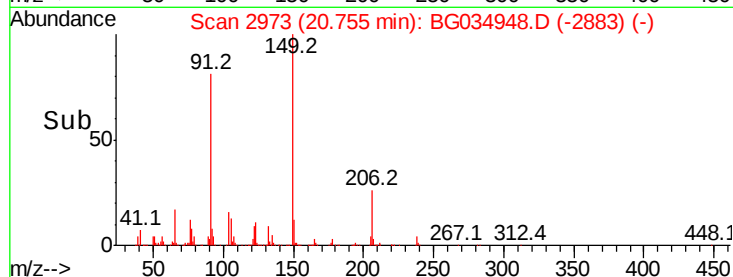
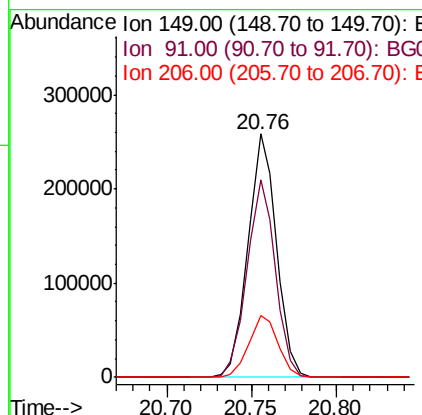
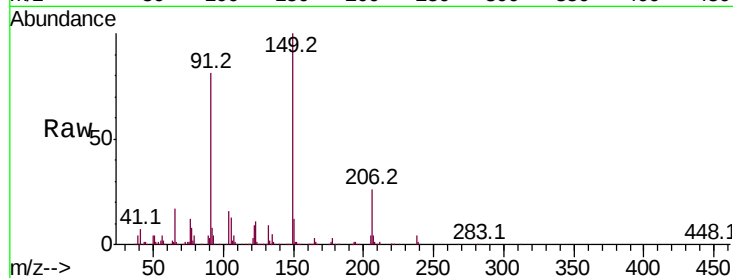
#79
Butylbenzylphthalate
Concen: 51.541 ng
RT: 20.76 min Scan# 2973
Delta R.T. -0.00 min
Lab File: BG034948.D
Acq: 7 Jun 2018 11:16

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
149	100		
91	81.4	62.2	93.2
206	25.6	18.6	27.8

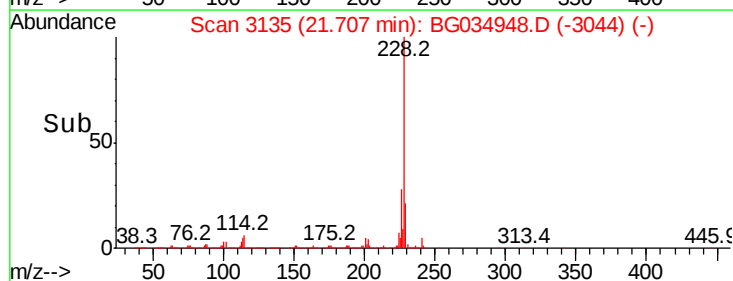
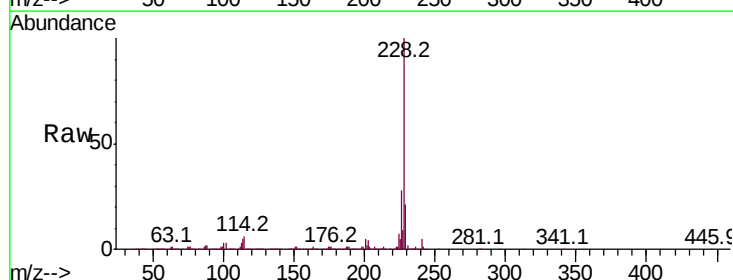
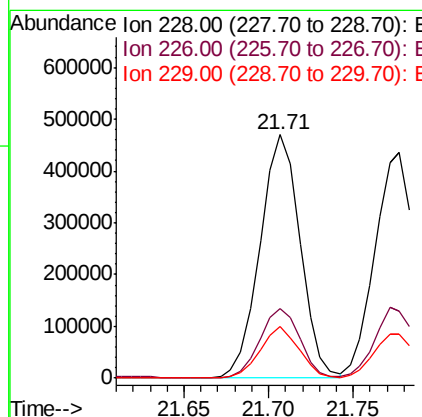
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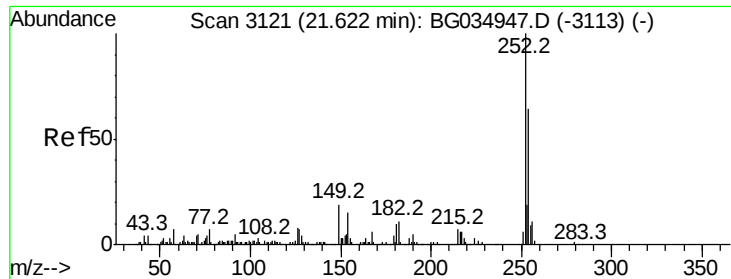
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#80
Benzo(a)anthracene
Concen: 48.868 ng
RT: 21.71 min Scan# 3135
Delta R.T. 0.00 min
Lab File: BG034948.D
Acq: 7 Jun 2018 11:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.7	34.1
229	21.1	16.2	24.2





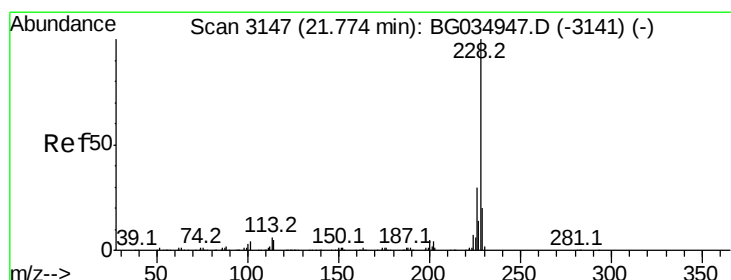
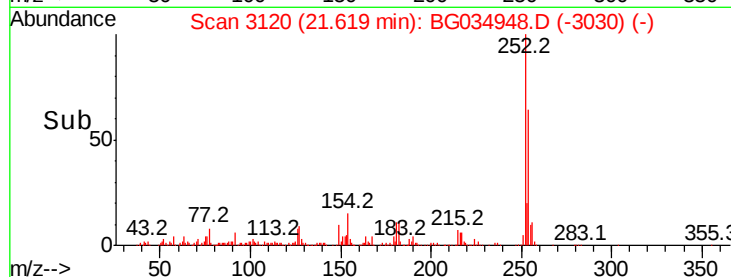
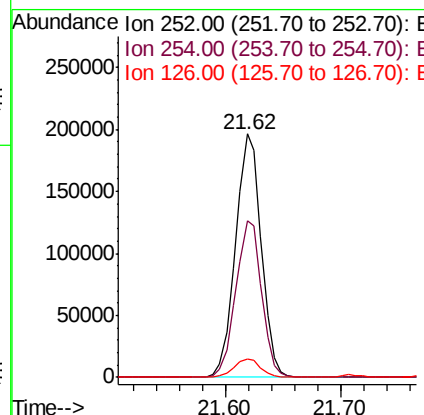
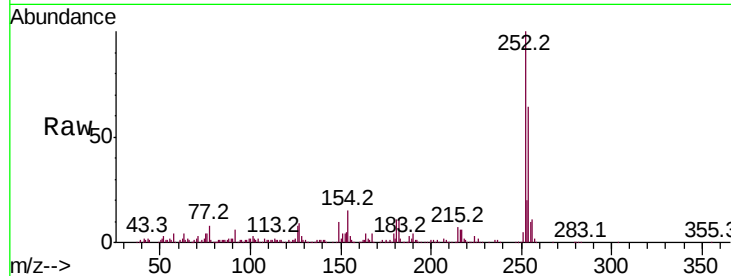
#81
 3,3'-Dichlorobenzidine
 Concen: 49.066 ng
 RT: 21.62 min Scan# 3120
 Delta R.T. -0.00 min
 Lab File: BG034948.D
 Acq: 7 Jun 2018 11:16

Instrument :
 BNA_G
 ClientSampled :
 SSTDICC050

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.1	50.8	76.2
126	7.7	7.4	11.2

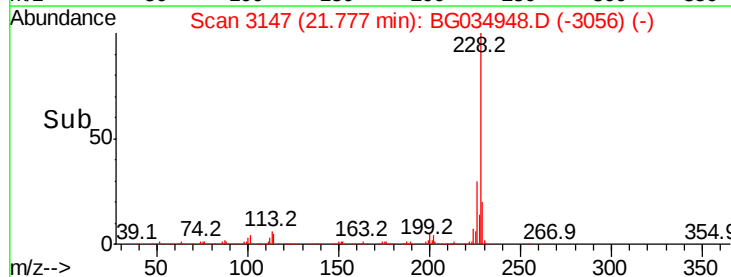
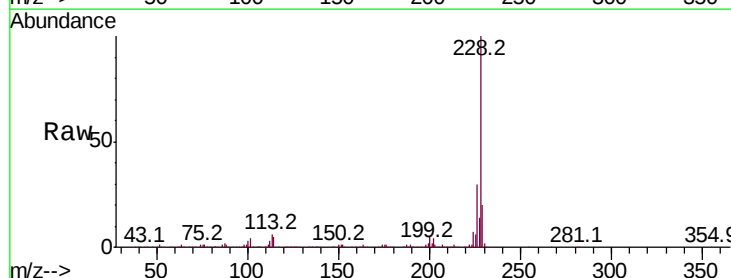
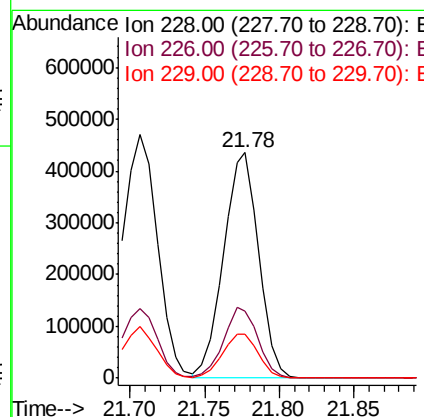
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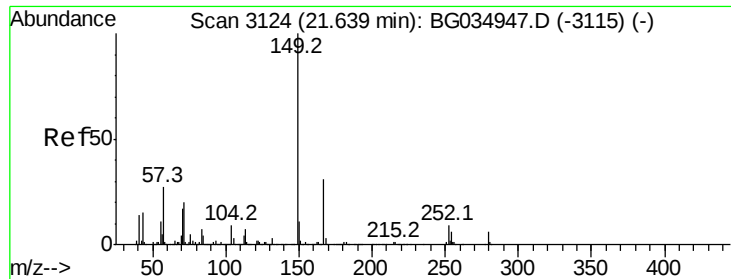
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#82
 Chrysene
 Concen: 49.275 ng
 RT: 21.78 min Scan# 3147
 Delta R.T. 0.00 min
 Lab File: BG034948.D
 Acq: 7 Jun 2018 11:16

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	29.6	24.9	37.3
229	19.7	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.648 ng

RT: 21.64 min Scan# 3124

Delta R.T. 0.00 min

Lab File: BG034948.D

Acq: 7 Jun 2018 11:16

Instrument :

BNA_G

ClientSampleId :

SSTDIC050

Tot Ion:149 Resp: 419872

Ion Ratio Lower Upper

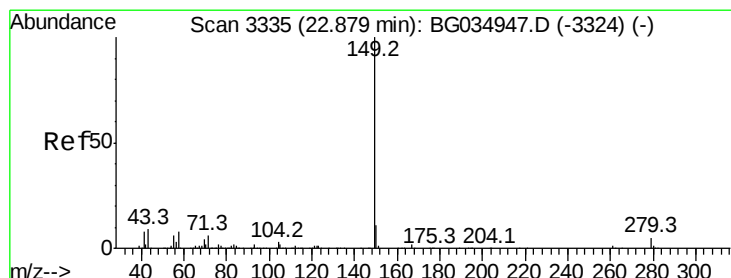
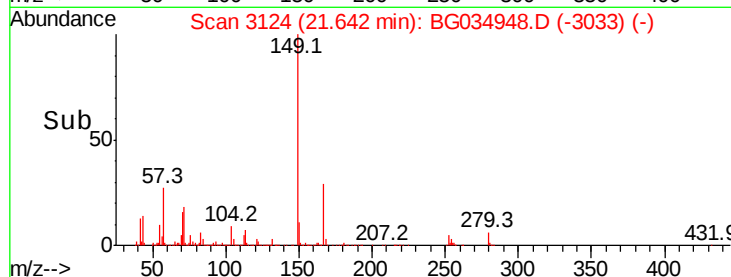
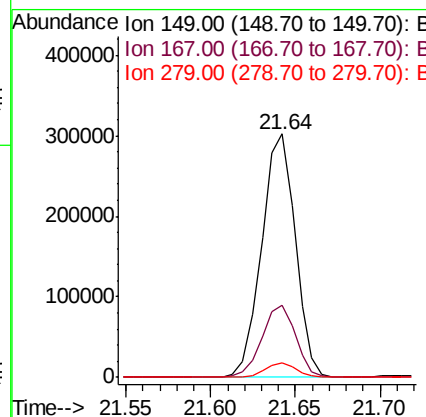
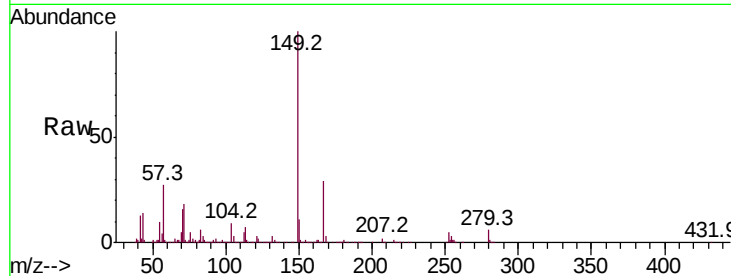
149 100

167 29.4 24.3 36.5

279 6.0 4.0 6.0#

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#84

Di-n-octyl phthalate

Concen: 54.358 ng

RT: 22.88 min Scan# 3335

Delta R.T. 0.00 min

Lab File: BG034948.D

Acq: 7 Jun 2018 11:16

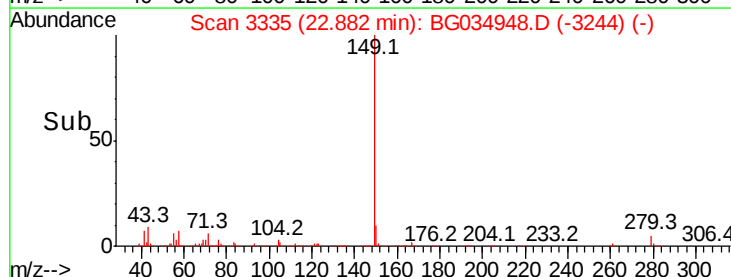
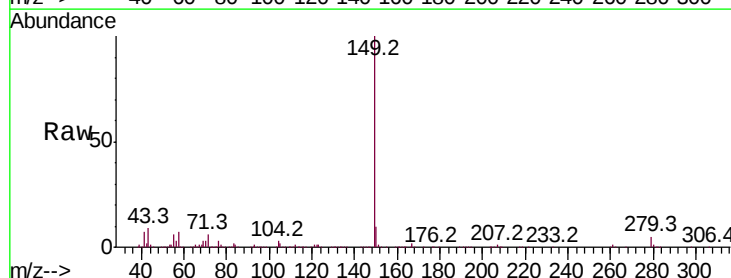
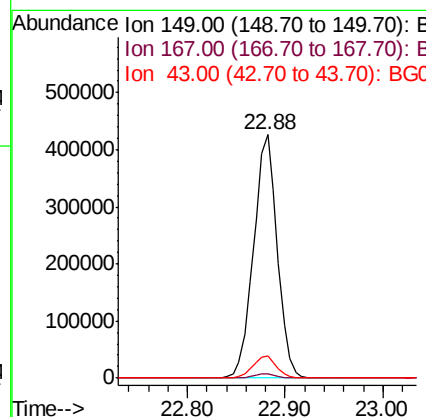
Tgt Ion:149 Resp: 725658

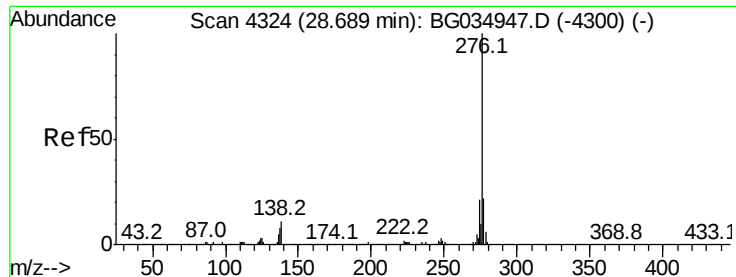
Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

43 9.2 8.9 13.3





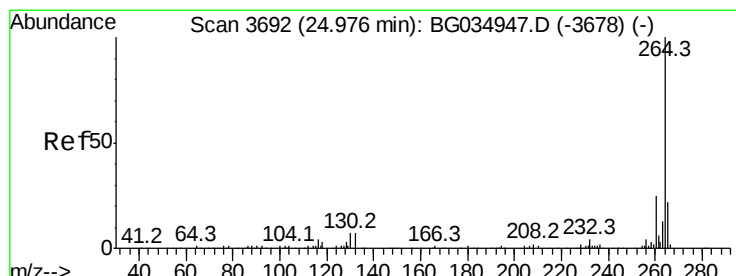
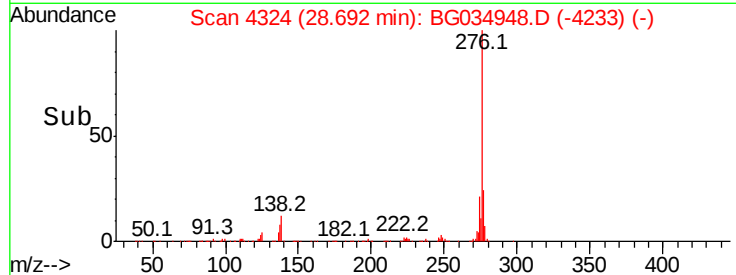
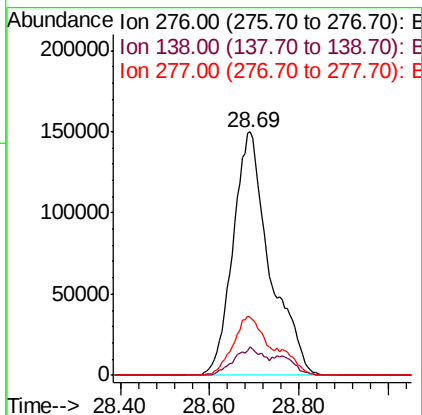
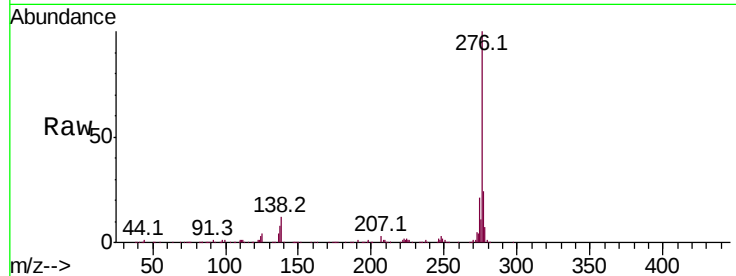
#85
Indeno(1,2,3-cd)pyrene
Concen: 46.272 ng
RT: 28.69 min Scan# 4324
Delta R.T. 0.00 min
Lab File: BG034948.D
Acq: 7 Jun 2018 11:16

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
276	100		
138	9.2	16.0	24.0#
277	26.2	20.0	30.0

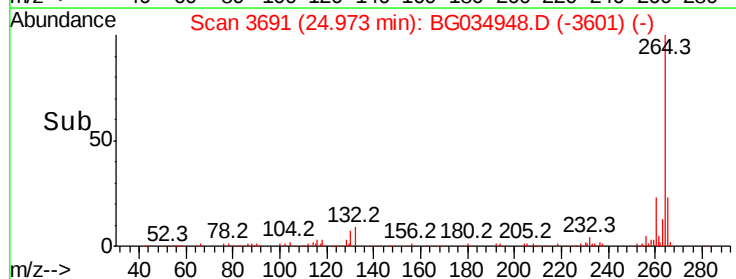
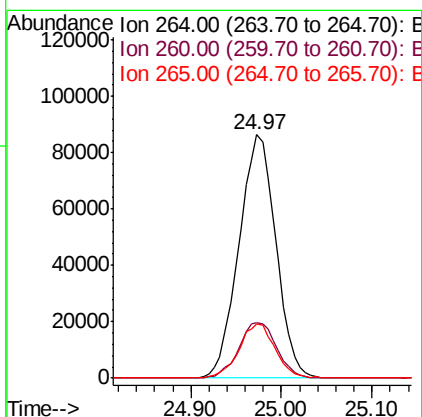
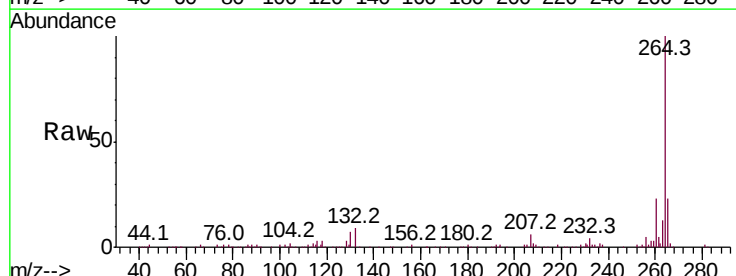
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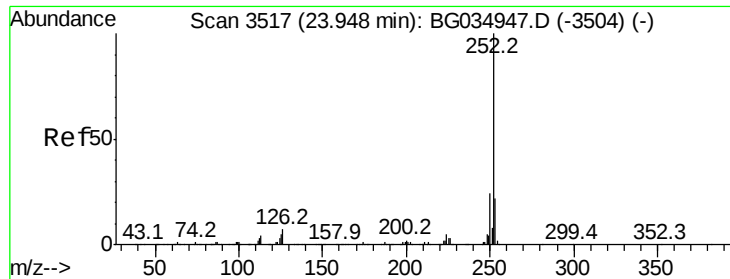
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.97 min Scan# 3691
Delta R.T. -0.00 min
Lab File: BG034948.D
Acq: 7 Jun 2018 11:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.4	26.0
265	22.5	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 49.240 ng

RT: 23.95 min Scan# 3516

Delta R.T. -0.00 min

Lab File: BG034948.D

Acq: 7 Jun 2018 11:16

Instrument :

BNA_G

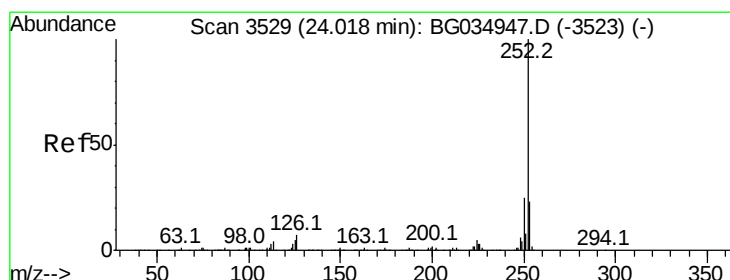
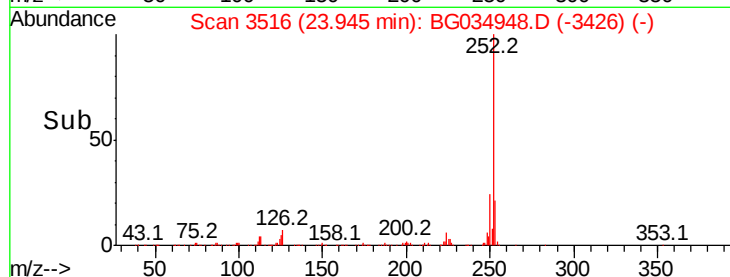
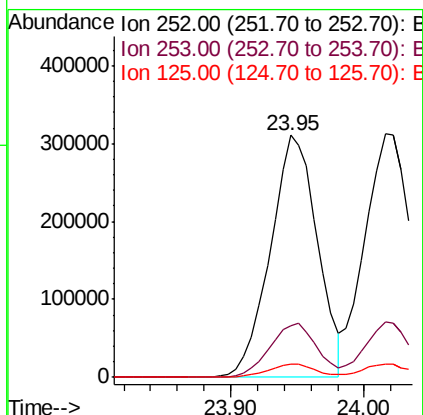
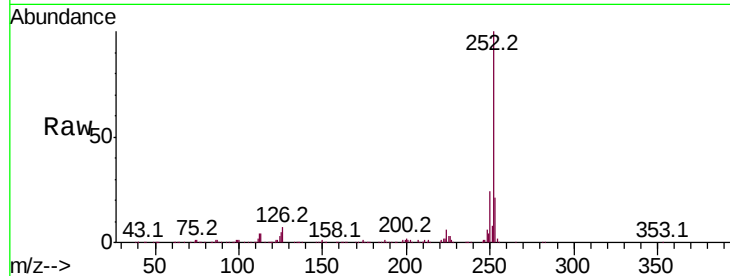
ClientSampleId :

SSTDICC050

Tot Ion:	252	Resp:	759966
Ion Ratio	Lower	Upper	
252	100		
253	21.3	18.2	27.4
125	5.3	7.2	10.8#

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#88

Benzo(k)fluoranthene

Concen: 51.127 ng

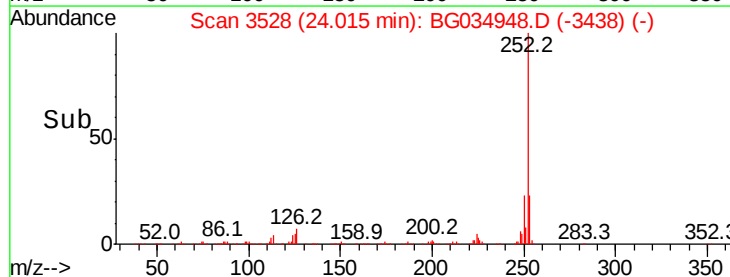
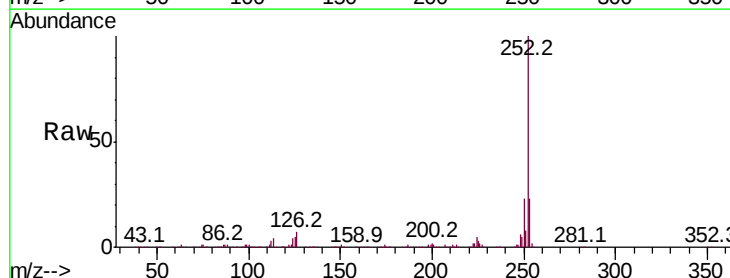
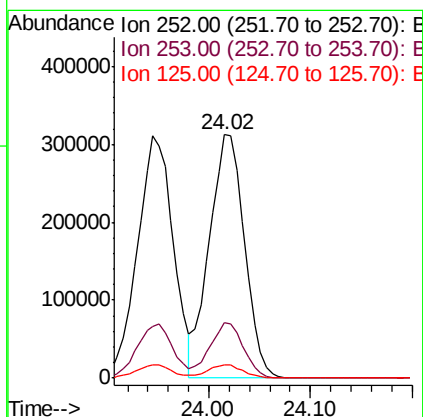
RT: 24.02 min Scan# 3528

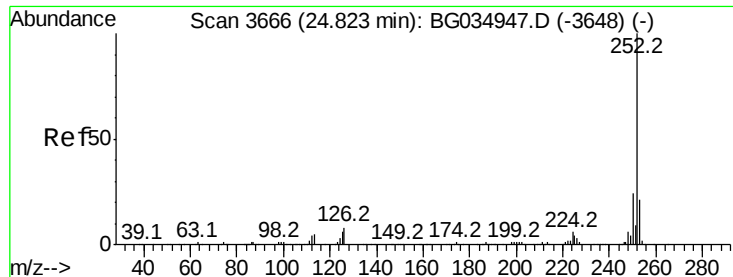
Delta R.T. -0.00 min

Lab File: BG034948.D

Acq: 7 Jun 2018 11:16

Tgt Ion:	252	Resp:	749580
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.4	26.2
125	5.2	6.6	9.8#





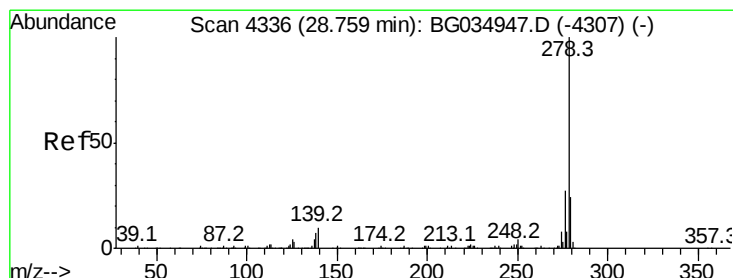
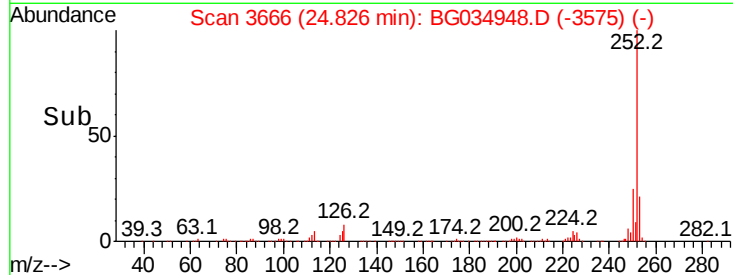
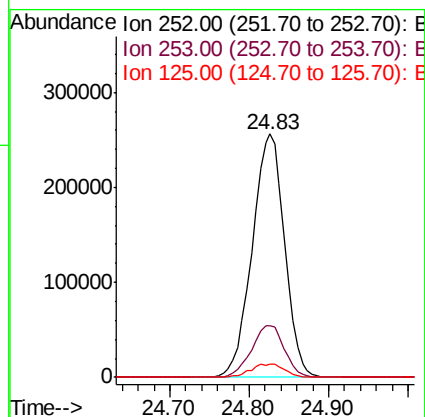
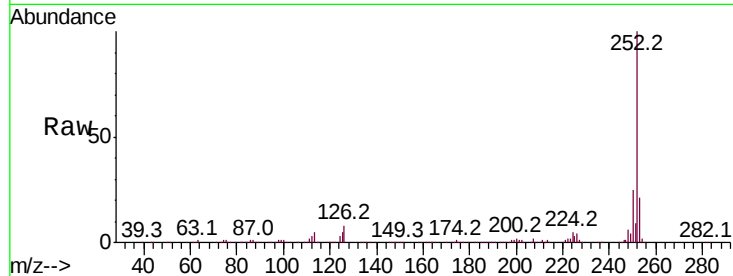
#89
Benzo(a)pyrene
Concen: 49.562 ng
RT: 24.83 min Scan# 3666
Delta R.T. 0.00 min
Lab File: BG034948.D
Acq: 7 Jun 2018 11:16

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.3	27.5
125	5.3	7.3	10.9#

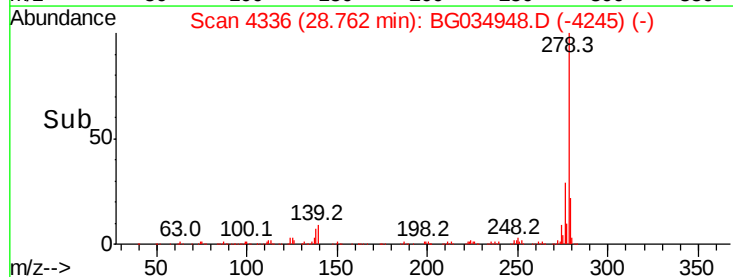
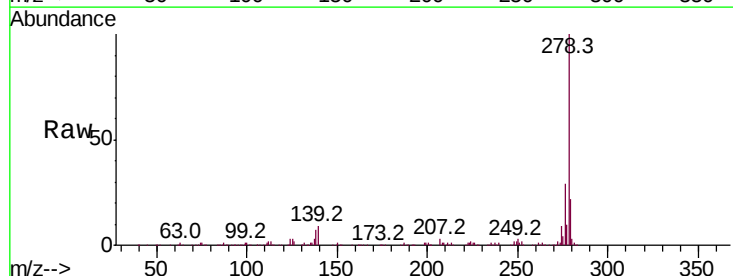
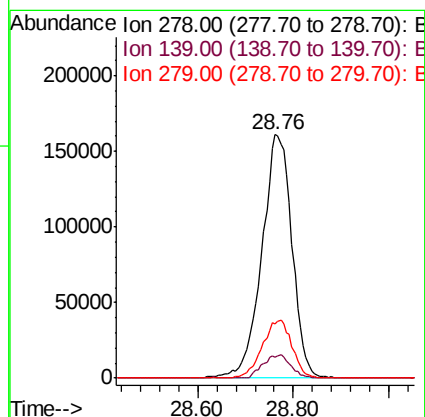
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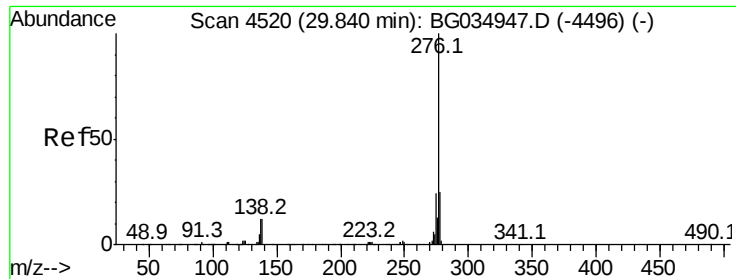
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 48.508 ng
RT: 28.76 min Scan# 4336
Delta R.T. 0.00 min
Lab File: BG034948.D
Acq: 7 Jun 2018 11:16

Tgt Ion	Ratio	Lower	Upper
278	100		
139	8.7	9.8	14.6#
279	22.1	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 47.615 ng
 RT: 29.85 min Scan# 4522
 Delta R.T. 0.01 min
 Lab File: BG034948.D
 Acq: 7 Jun 2018 11:16

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Tot Ion:	276	Resp:	695330
Ion Ratio		Lower	Upper
276	100		
277	23.3	18.3	27.5
138	11.4	13.9	20.9

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