

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042718\
 Data File : BG034040.D
 Acq On : 27 Apr 2018 15:43
 Operator : SJ/JU
 Sample : J2154-02MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-01-042518MS

Manual Integrations
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Sohil
 4/30/2018 7:02:28 PM

Quant Time: Apr 30 15:17:24 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	48238m	20.00	ng	-0.08
21) Naphthalene-d8	10.53	136	229952	20.00	ng	-0.10
38) Acenaphthene-d10	14.39	164	175514	20.00	ng	-0.08
63) Phenanthrene-d10	17.14	188	479236	20.00	ng	-0.08
75) Chrysene-d12	21.39	240	497610	20.00	ng	-0.10
86) Perylene-d12	24.39	264	512153	20.00	ng	-0.17

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	333690	110.44	ng	-0.08
7) Phenol-d6	6.95	99	417727	94.79	ng	-0.05
23) Nitrobenzene-d5	8.90	82	339198	83.95	ng	-0.08
41) 2,4,6-Tribromophenol	15.89	330	324264	158.36	ng	-0.08
44) 2-Fluorobiphenyl	13.01	172	1079124	90.32	ng	-0.09
78) Terphenyl-d14	19.78	244	2089561	94.34	ng	-0.08

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.32	88	34537	27.052	ng	87
3) Pyridine	3.72	79	69030	18.687	ng	86
4) n-Nitrosodimethylamine	3.63	42	41972	24.940	ng	# 80
6) Aniline	7.19	93	104490	17.738	ng	# 57
8) 2-Chlorophenol	7.32	128	121245	35.813	ng	95
9) Benzaldehyde	6.91	77	47252m	17.074	ng	
10) Phenol	6.97	94	104865	23.228	ng	92
11) bis(2-Chloroethyl)ether	7.19	93	104490	30.262	ng	88
12) 1,3-Dichlorobenzene	7.64	146	141954	36.424	ng	96
13) 1,4-Dichlorobenzene	7.79	146	151615	38.409	ng	95
14) 1,2-Dichlorobenzene	8.10	146	143897	37.486	ng	96
15) Benzyl Alcohol	8.01	79	97443	25.357	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.28	45	196586	29.191	ng	81
17) 2-Methylphenol	8.21	107	96376m	28.807	ng	
18) Hexachloroethane	8.81	117	56960	39.489	ng	97
19) n-Nitroso-di-n-propylamine	8.55	70	111105	29.577	ng	# 98
20) 3+4-Methylphenols	8.55	107	117409	24.152	ng	88
22) Acetophenone	8.58	105	194181	31.026	ng	95
24) Nitrobenzene	8.95	77	143645	32.624	ng	93
25) Isophorone	9.46	82	330058	36.332	ng	# 93
26) 2-Nitrophenol	9.66	139	60089	34.538	ng	89
27) 2,4-Dimethylphenol	9.73	122	112592	34.599	ng	95
28) bis(2-Chloroethoxy)methane	9.96	93	174678	36.382	ng	96
29) 2,4-Dichlorophenol	10.21	162	127858	35.246	ng	88
30) 1,2,4-Trichlorobenzene	10.40	180	155565	38.288	ng	99
31) Naphthalene	10.58	128	445660	37.688	ng	98
32) Benzoic acid	9.88	122	42207m	16.719	ng	
33) 4-Chloroaniline	10.76	127	12059	2.170	ng	# 91
34) Hexachlorobutadiene	10.87	225	101546	41.778	ng	96
35) Caprolactam	11.50	113	39728m	25.759	ng	
36) 4-Chloro-3-methylphenol	11.85	107	144613	32.662	ng	86
37) 2-Methylnaphthalene	12.20	142	351933	38.872	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.57	216	221968	38.086	ng	97
40) Hexachlorocyclopentadiene	12.55	237	221395	69.087	ng	90

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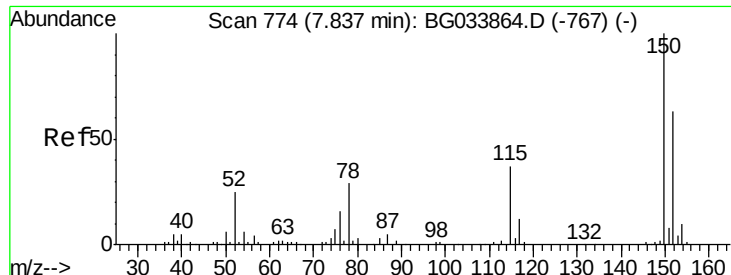
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.83	196	125125	35.213	nq	97
43) 2,4,5-Trichlorophenol	12.91	196	136355	33.378	nq	96
45) 1,1'-Biphenyl	13.22	154	517939	36.455	nq	99
46) 2-Chloronaphthalene	13.26	162	390520	36.250	nq	96
47) 2-Nitroaniline	13.49	65	105393	31.333	nq #	87
48) Acenaphthylene	14.11	152	652229	36.423	nq	98
49) Dimethylphthalate	13.86	163	589836	38.204	nq	99
50) 2,6-Dinitrotoluene	13.97	165	126043	43.079	nq #	82
51) Acenaphthene	14.46	154	398492	35.424	nq	99
52) 3-Nitroaniline	14.35	138	16910	5.323	nq #	83
53) 2,4-Dinitrophenol	14.54	184	29019	27.733	nq #	67
54) Dibenzofuran	14.79	168	659672	39.554	nq	95
55) 4-Nitrophenol	14.67	139	77566	31.130	nq	88
56) 2,4-Dinitrotoluene	14.77	165	174006	44.723	nq #	80
57) Fluorene	15.44	166	579229	40.135	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.03	232	172573	46.137	nq	91
59) Diethylphthalate	15.23	149	625961	38.357	nq	98
60) 4-Chlorophenyl-phenylether	15.44	204	312071	41.341	nq	94
61) 4-Nitroaniline	15.51	138	90270	26.761	nq	90
62) Azobenzene	15.74	77	486382	33.435	nq	95
64) 4,6-Dinitro-2-methylphenol	15.54	198	50725	25.499	nq	81
65) n-Nitrosodiphenylamine	15.66	169	516942	37.102	nq	98
66) 4-Bromophenyl-phenylether	16.34	248	201791	38.341	nq	98
67) Hexachlorobenzene	16.44	284	219383	39.087	nq #	72
68) Atrazine	16.62	200	219286	40.175	nq	97
69) Pentachlorophenol	16.80	266	211848	54.949	nq #	59
70) Phenanthrene	17.19	178	936649	36.432	nq	98
71) Anthracene	17.28	178	1046066	40.687	nq	98
72) Carbazole	17.56	167	889635	35.867	nq	98
73) Di-n-butylphthalate	18.12	149	1106369	35.855	nq	99
74) Fluoranthene	19.20	202	1225237	39.398	nq	97
76) Benzidine	19.43	184	160993	11.981	nq	97
77) Pyrene	19.57	202	1221397	37.422	nq	95
79) Butylbenzylphthalate	20.48	149	511768	35.705	nq	89
80) Benzo(a)anthracene	21.37	228	1168022	37.224	nq	98
81) 3,3'-Dichlorobenzidine	21.31	252	165298	14.128	nq	95
82) Chrysene	21.44	228	1186104	39.585	nq	98
83) Bis(2-ethylhexyl)phthalate	21.31	149	719560	35.548	nq	97
84) Di-n-octyl phthalate	22.45	149	1224737	38.119	nq	95
85) Indeno(1,2,3-cd)pyrene	27.79	276	1314209	38.531	nq	99
87) Benzo(b)fluoranthene	23.45	252	1143509	36.599	nq	98
88) Benzo(k)fluoranthene	23.50	252	1264675	40.749	nq	99
89) Benzo(a)pyrene	24.25	252	1174349	39.246	nq	99
90) Dibenzo(a,h)anthracene	27.85	278	1089211	37.619	nq	96
91) Benzo(g,h,i)perylene	28.83	276	1107357	38.868	nq	98

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



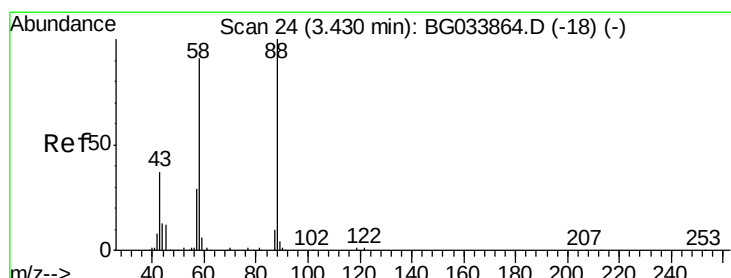
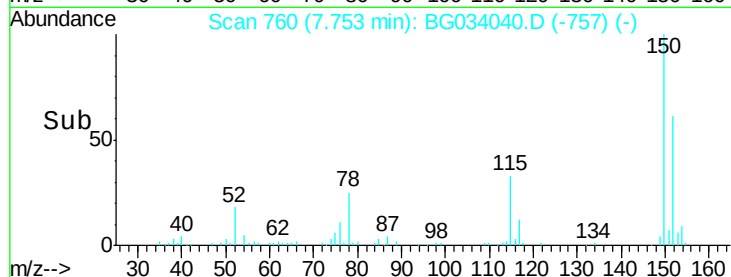
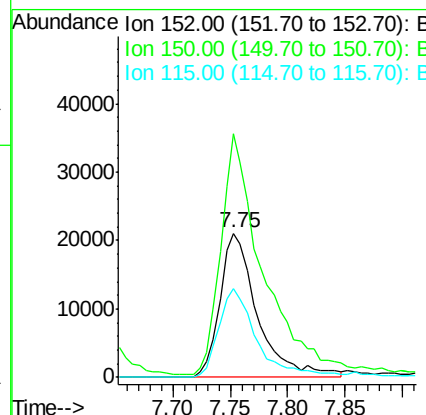
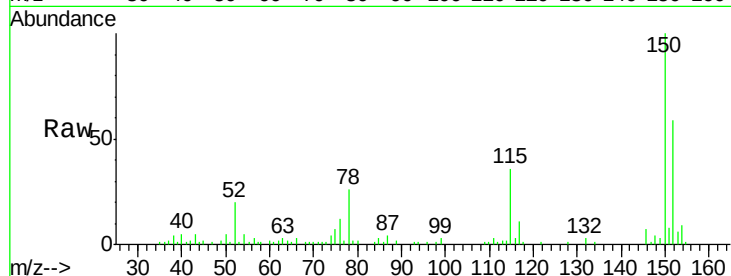
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng/ml
 RT: 7.75 min Scan# 760
 Delta R.T. -0.08 min
 Lab File: BG034040.D
 Acq: 27 Apr 2018 15:43

Instrument :
 BNA_G
 ClientSampleId :
 JC-01-042518MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	169.1	126.6	189.8
115	61.3	53.0	79.4

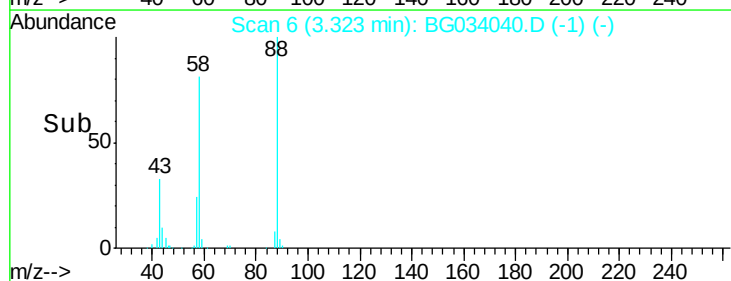
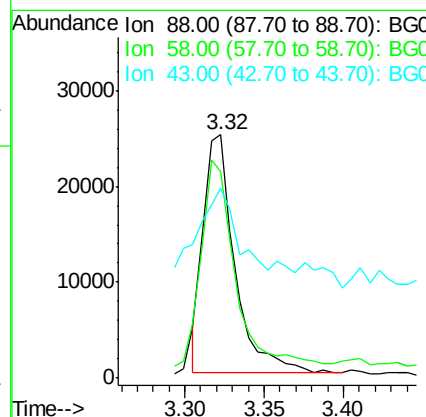
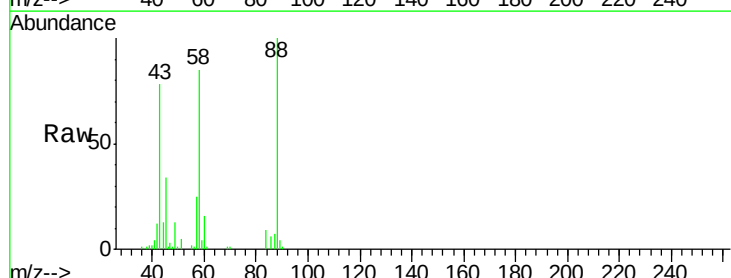
Manual Integrations
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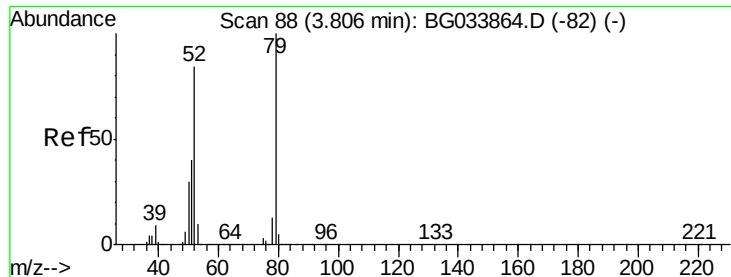
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#2
 1,4-Dioxane
 Concen: 27.052 ng/ml
 RT: 3.32 min Scan# 6
 Delta R.T. -0.11 min
 Lab File: BG034040.D
 Acq: 27 Apr 2018 15:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.2	79.6	119.4
43	36.2	27.4	41.0





#3

Pvridine

Concen: 18.687 ng

RT: 3.72 min Scan# 73

Delta R.T. -0.09 min

Lab File: BG034040.D

Acq: 27 Apr 2018 15:43

Instrument :

BNA_G

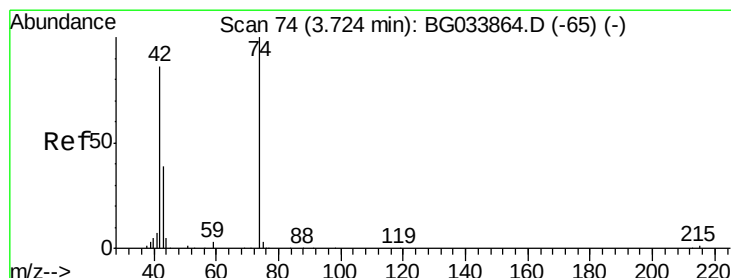
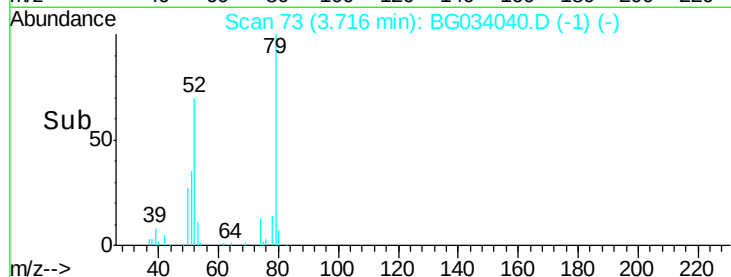
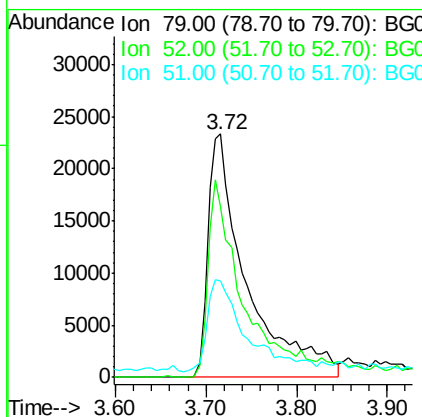
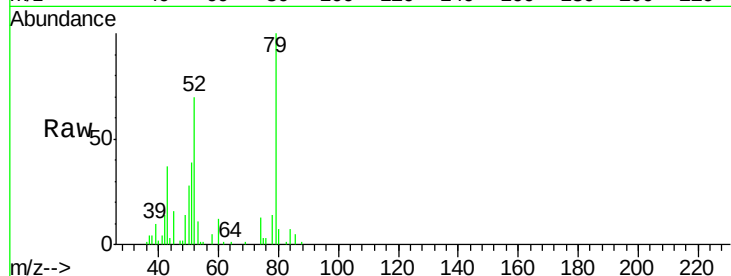
ClientSampleId :

JC-01-042518MS

Tot Ion:	79	Resp:	69030
Ion	Ratio	Lower	Upper
79	100		
52	70.4	69.9	104.9
51	39.5	34.0	51.0

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#4

n-Nitrosodimethylamine

Concen: 24.940 ng

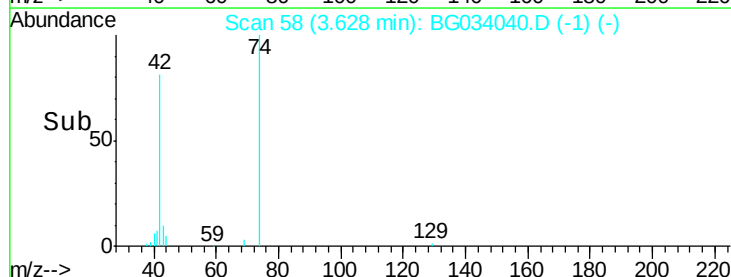
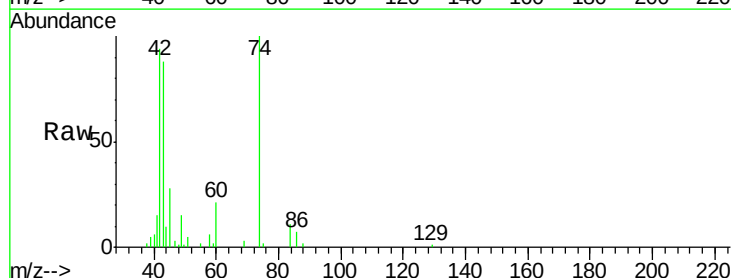
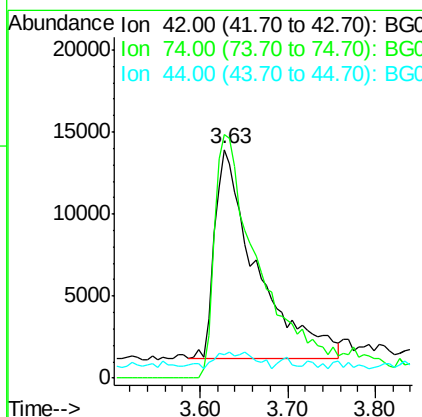
RT: 3.63 min Scan# 58

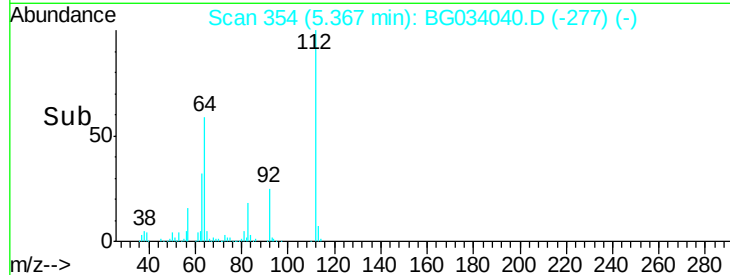
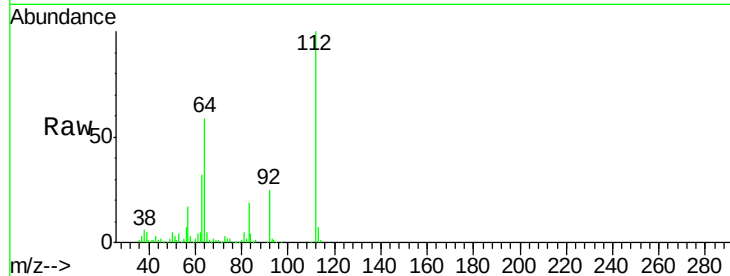
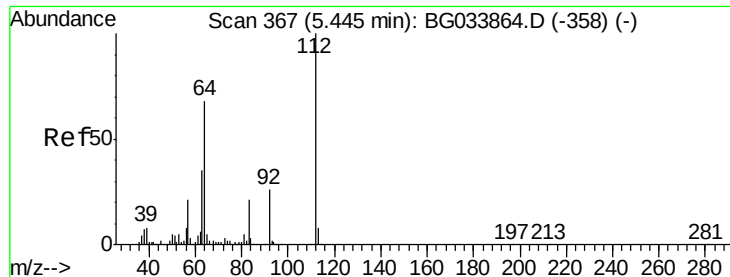
Delta R.T. -0.10 min

Lab File: BG034040.D

Acq: 27 Apr 2018 15:43

Tgt Ion:	42	Resp:	41972
Ion	Ratio	Lower	Upper
42	100		
74	106.4	102.5	153.7
44	10.2	18.9	28.3#





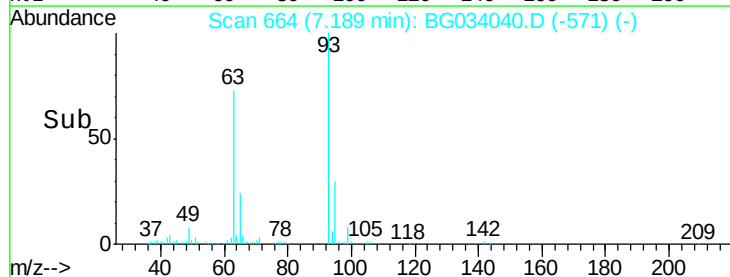
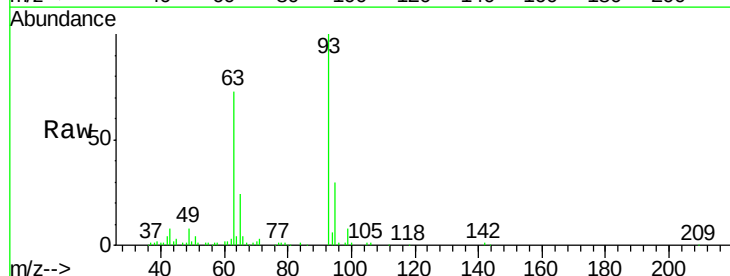
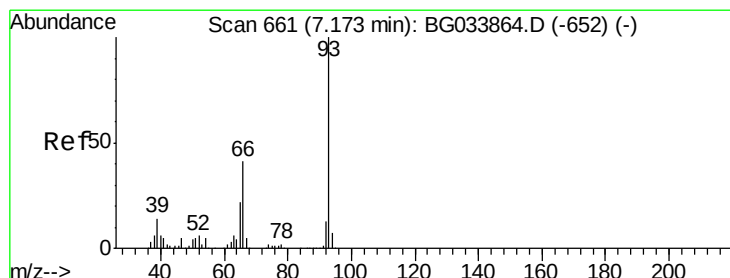
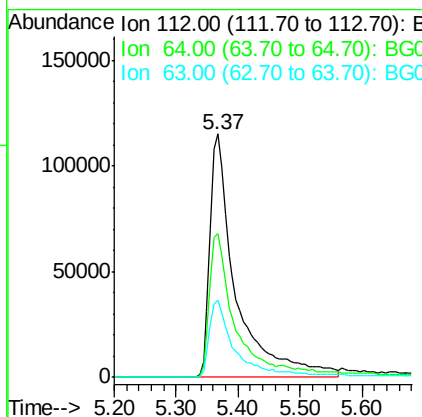
#5
2-Fluorophenol
Concen: 110.441 ng
RT: 5.37 min Scan# 354
Delta R.T. -0.08 min
Lab File: BG034040.D
Acq: 27 Apr 2018 15:43

Tot Ion	Ratio	Resp	Lower	Upper
112	100	333690		
64	59.1	56.3	84.5	
63	31.7	30.1	45.1	

Instrument :
BNA_G
ClientSampleId :
JC-01-042518MS

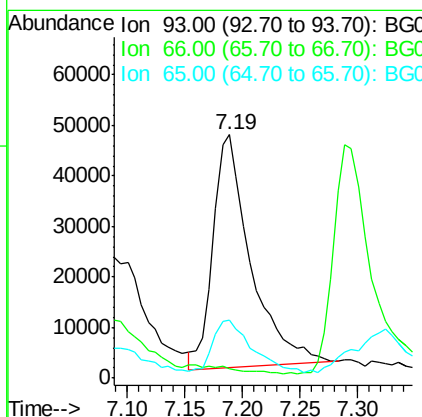
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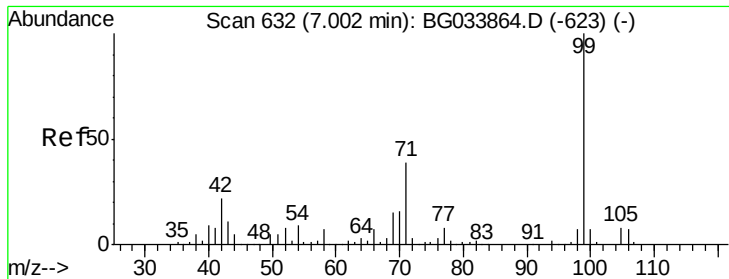
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#6
Aniline
Concen: 17.738 ng
RT: 7.19 min Scan# 664
Delta R.T. 0.02 min
Lab File: BG034040.D
Acq: 27 Apr 2018 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	104490		
66	3.9	33.7	50.5#	
65	23.6	16.1	24.1	





#7

Phenol-d6

Concen: 94.789 ng

RT: 6.95 min Scan# 623

Delta R.T. -0.05 min

Lab File: BG034040.D

Acq: 27 Apr 2018 15:43

Instrument :

BNA_G

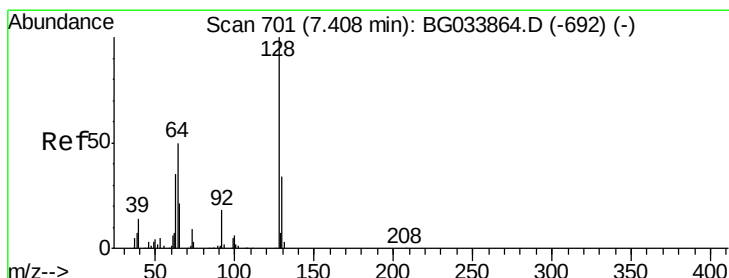
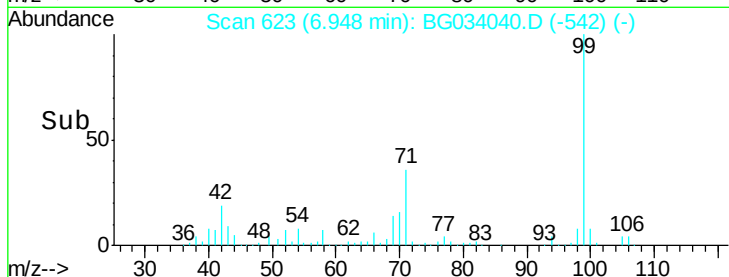
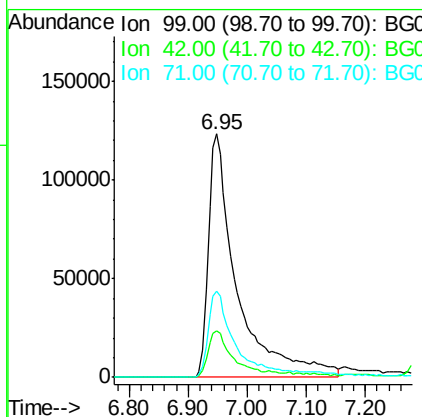
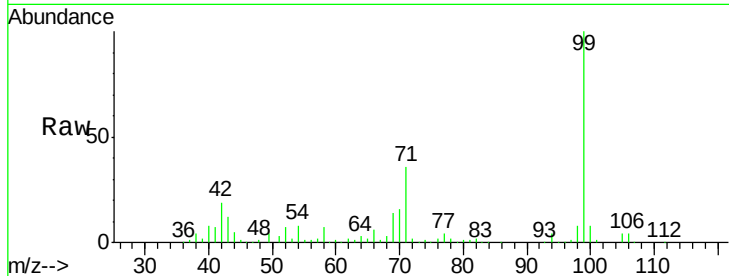
ClientSampleId :

JC-01-042518MS

Tot Ion:	99	Resp:	417727
Ion Ratio	Lower	Upper	
99	100		
42	19.1	14.1	21.1
71	35.6	26.1	39.1

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#8

2-Chlorophenol

Concen: 35.813 ng

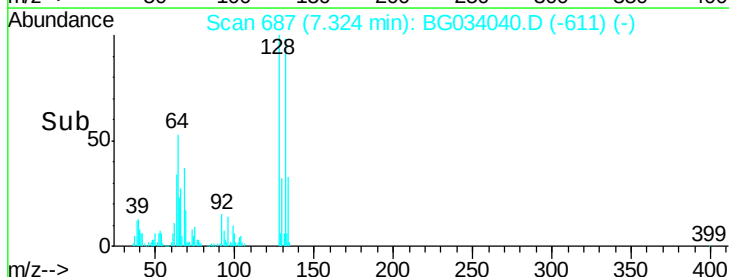
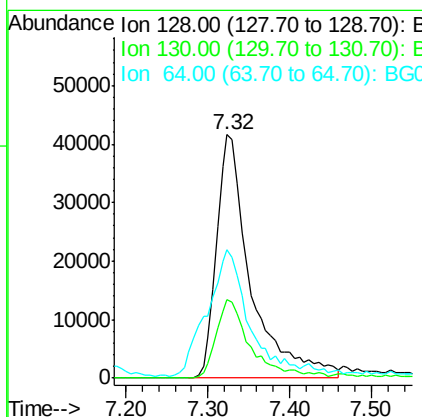
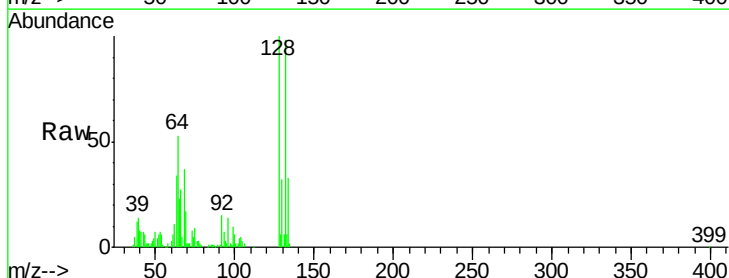
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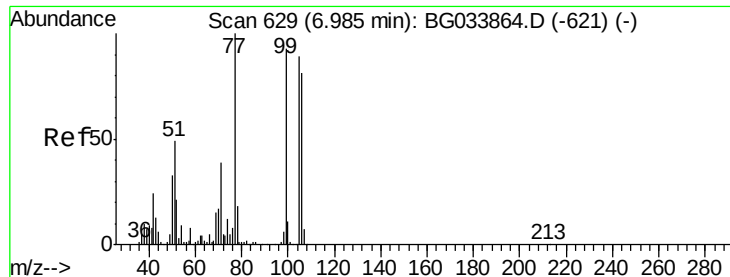
Delta R.T. -0.08 min

Lab File: BG034040.D

Acq: 27 Apr 2018 15:43

Tgt Ion:	128	Resp:	121245
Ion Ratio	Lower	Upper	
128	100		
130	32.3	14.0	54.0
64	52.8	37.7	77.7





#9

Benzaldehyde

Concen: 17.074 ng/mL

RT: 6.91 min Scan# 617

Delta R.T. -0.07 min

Lab File: BG034040.D

Acq: 27 Apr 2018 15:43

Instrument :

BNA_G

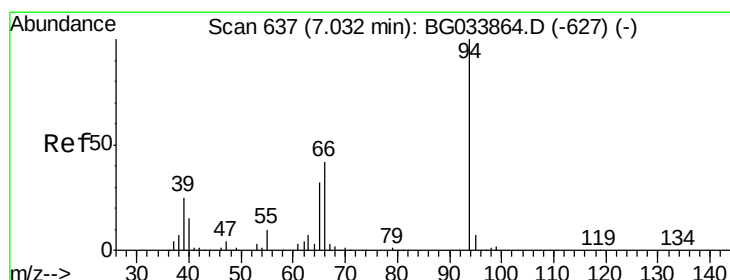
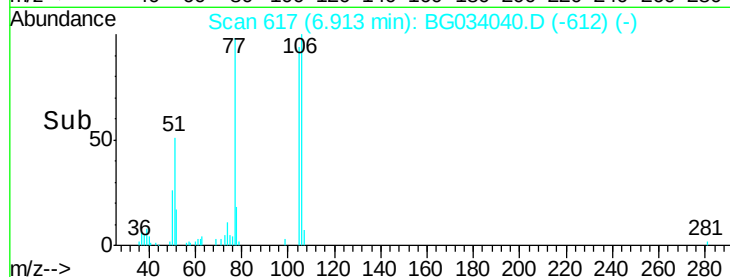
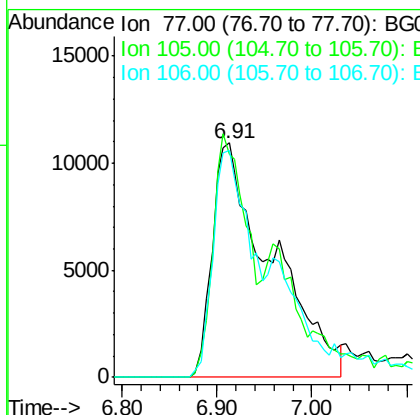
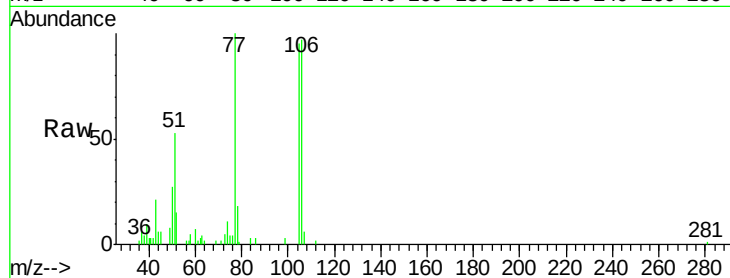
ClientSampleId :

JC-01-042518MS

Tot Ion:	77	Resp:	47252
Ion	Ratio	Lower	Upper
77	100		
105	95.1	71.3	111.3
106	96.9	64.2	104.2

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#10

Phenol

Concen: 23.228 ng/mL

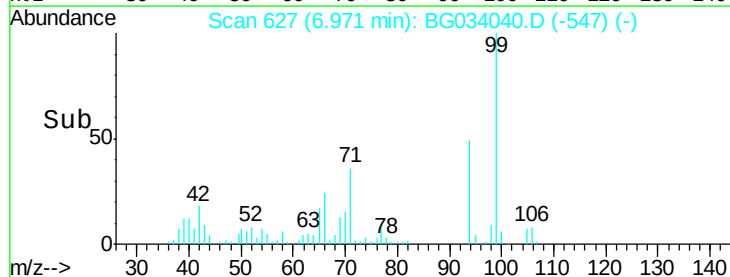
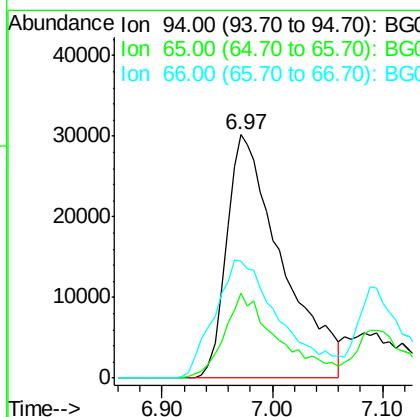
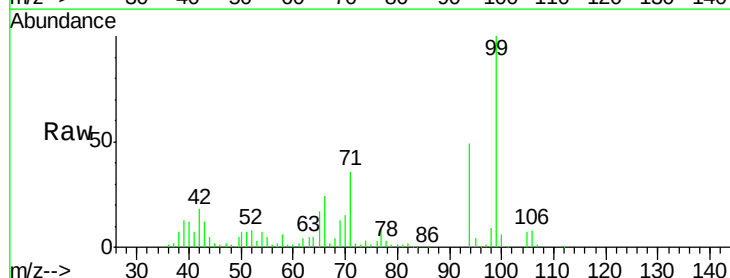
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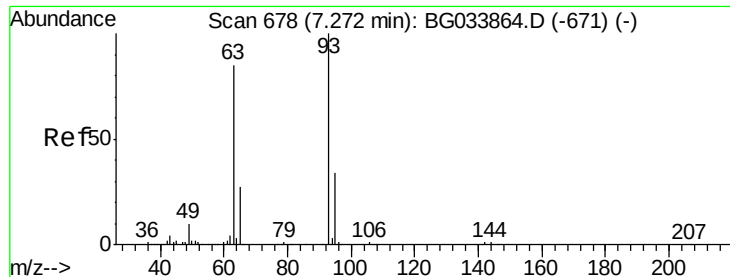
Delta R.T. -0.06 min

Lab File: BG034040.D

Acq: 27 Apr 2018 15:43

Tgt Ion:	94	Resp:	104865
Ion	Ratio	Lower	Upper
94	100		
65	34.8	11.9	51.9
66	48.1	22.2	62.2





#11

bis(2-Chloroethyl)ether

Concen: 30.262 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.08 min

Lab File: BG034040.D

Acq: 27 Apr 2018 15:43

Instrument :

BNA_G

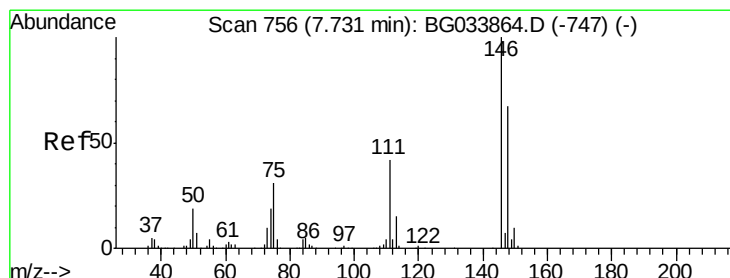
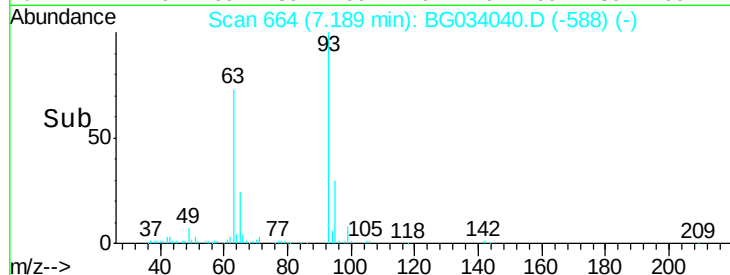
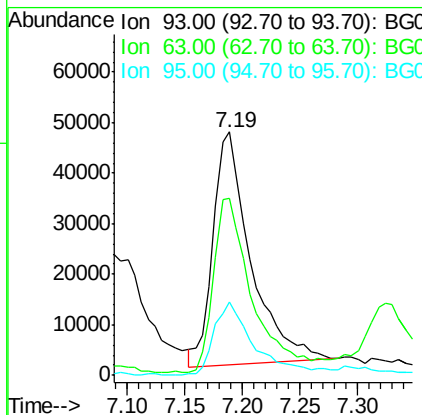
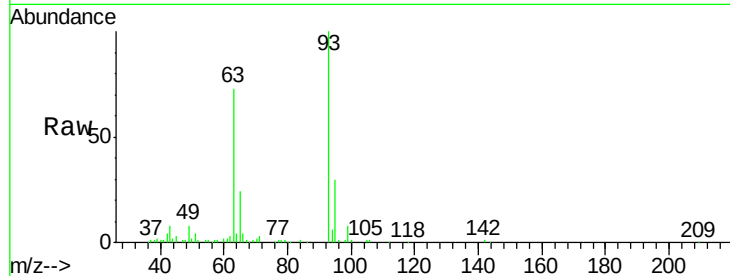
ClientSampleId :

JC-01-042518MS

Tot Ion:	93	Resp:	104490
Ion	Ratio	Lower	Upper
93	100		
63	72.9	67.1	107.1
95	30.1	11.5	51.5

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 36.424 ng

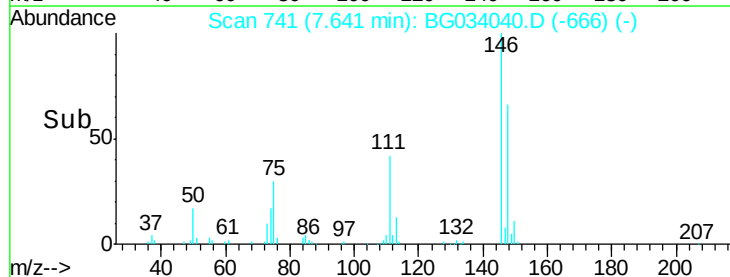
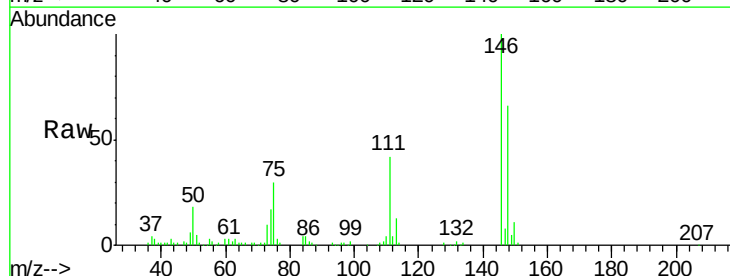
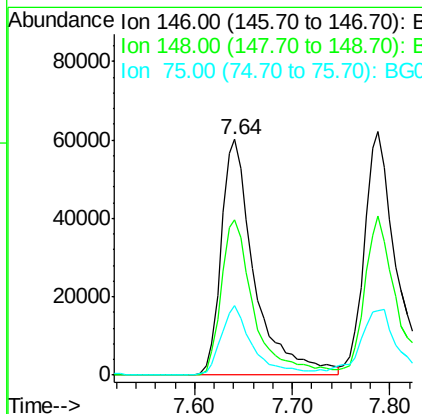
RT: 7.64 min Scan# 741

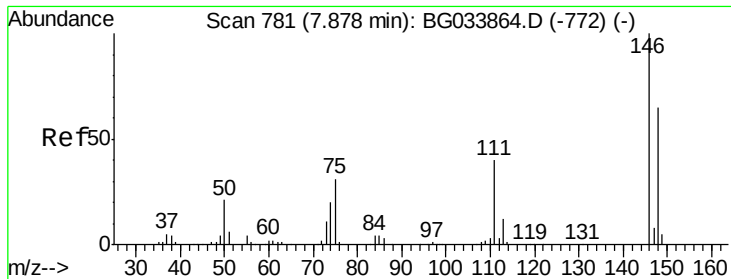
Delta R.T. -0.09 min

Lab File: BG034040.D

Acq: 27 Apr 2018 15:43

Tgt Ion:	146	Resp:	141954
Ion	Ratio	Lower	Upper
146	100		
148	66.0	51.4	77.2
75	29.6	26.6	39.8





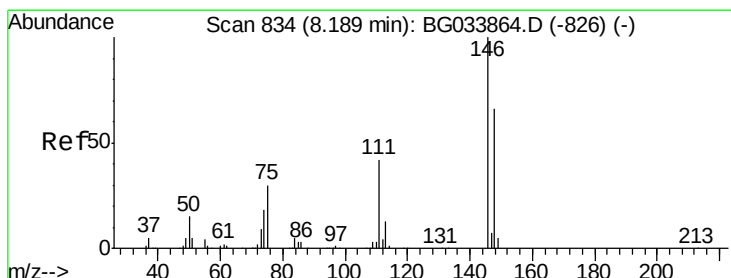
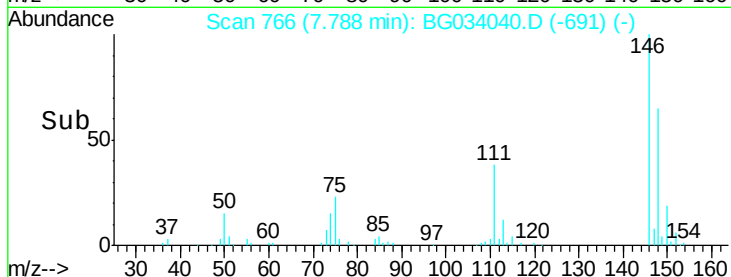
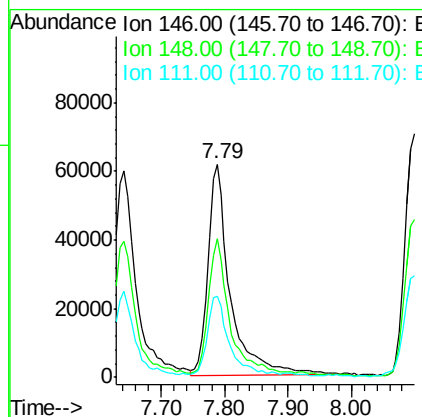
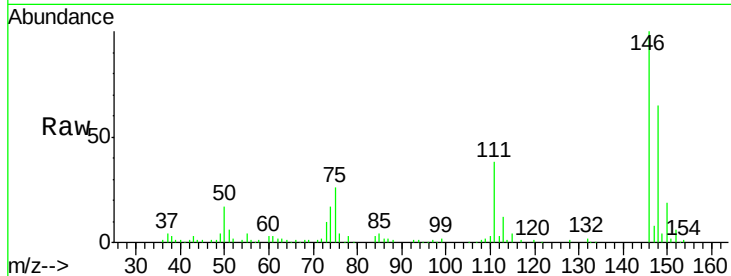
#13
1,4-Dichlorobenzene
Concen: 38.409 ng
RT: 7.79 min Scan# 766
Delta R.T. -0.09 min
Lab File: BG034040.D
Acq: 27 Apr 2018 15:43

Instrument :
BNA_G
ClientSampleId :
JC-01-042518MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	53.7	80.5
111	38.0	35.2	52.8

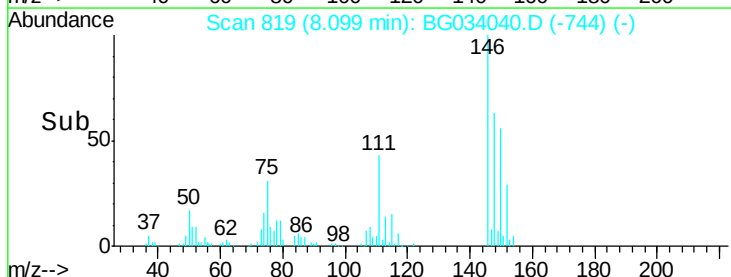
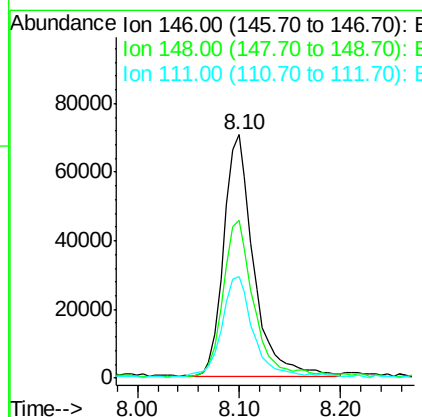
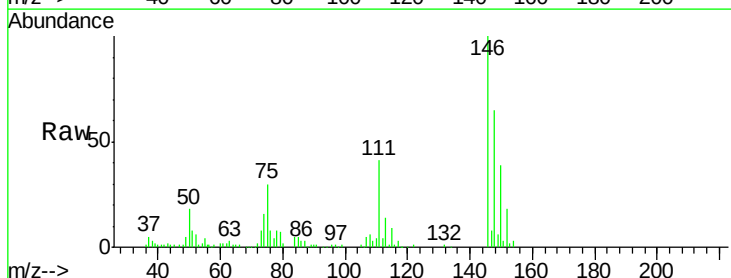
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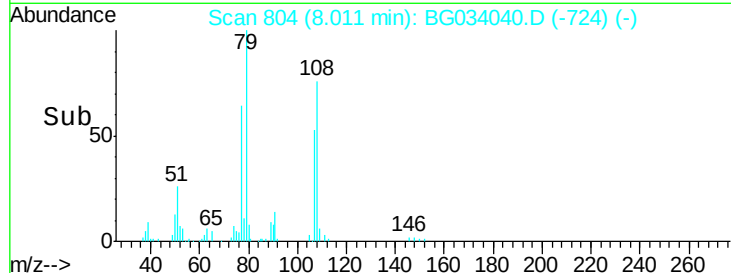
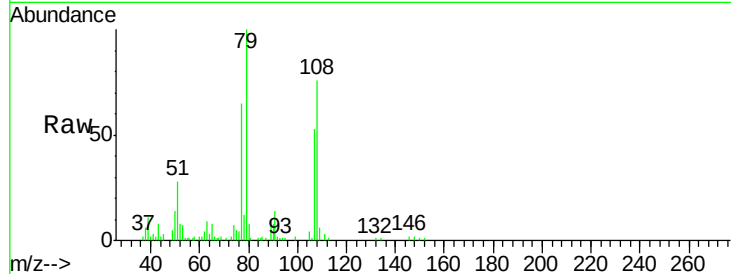
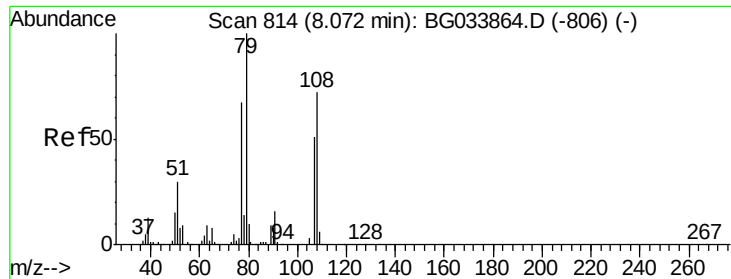
Sohil
4/30/2018 7:02:28 PM



#14
1,2-Dichlorobenzene
Concen: 37.486 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.09 min
Lab File: BG034040.D
Acq: 27 Apr 2018 15:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	49.3	73.9
111	41.4	34.3	51.5





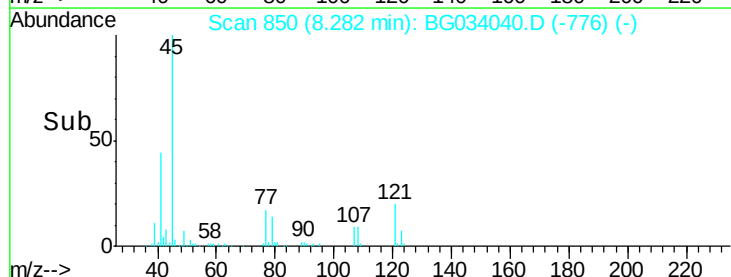
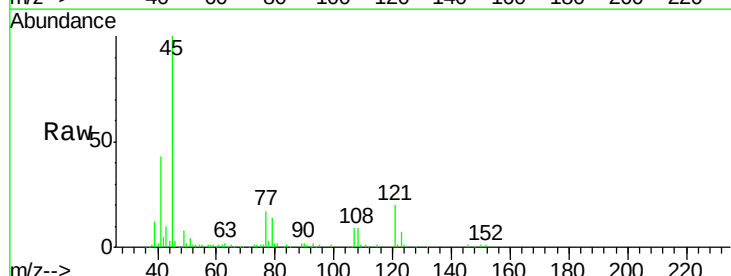
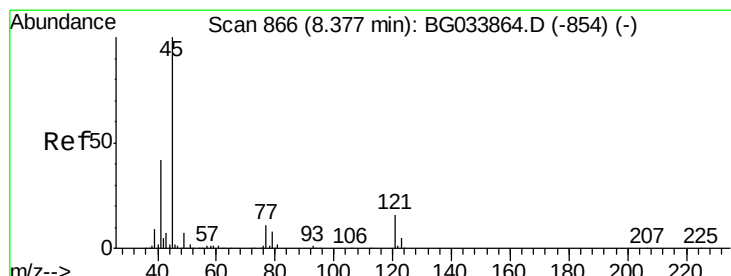
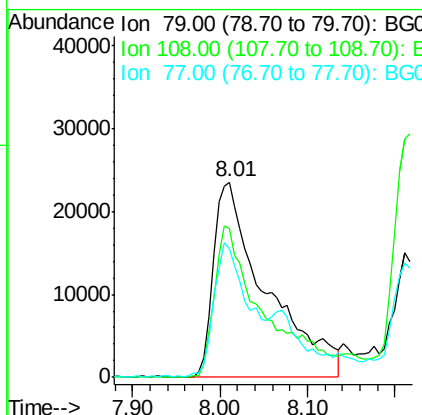
#15
Benzyl Alcohol
Concen: 25.357 ng
RT: 8.01 min Scan# 804
Delta R.T. -0.06 min
Lab File: BG034040.D
Acq: 27 Apr 2018 15:43

Tot Ion	79	Resp	97443
Ion Ratio	Lower	Upper	
79	100		
108	76.0	57.2	85.8
77	65.4	46.1	69.1

Instrument :
BNA_G
ClientSampleId :
JC-01-042518MS

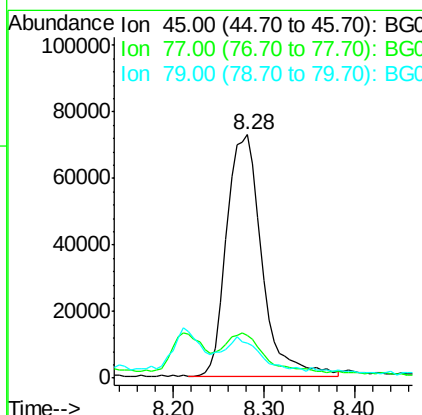
Manual Integrations
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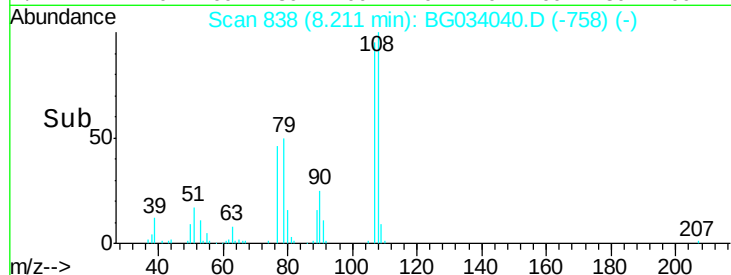
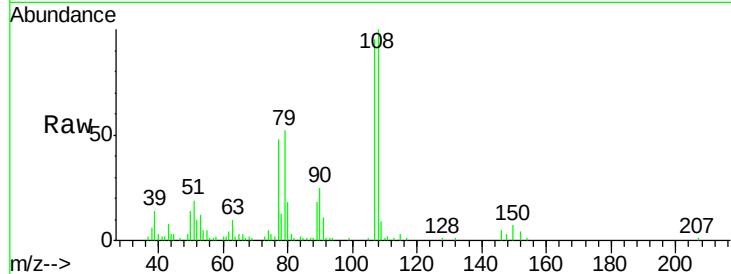
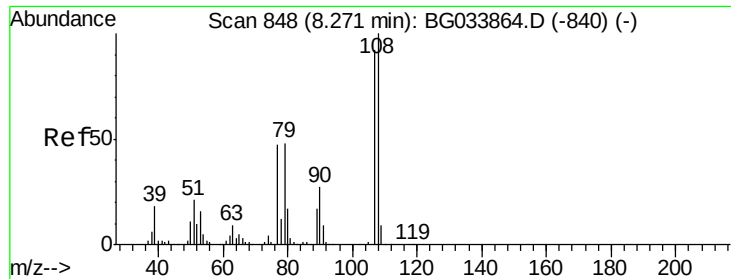
Sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 29.191 ng
RT: 8.28 min Scan# 850
Delta R.T. -0.10 min
Lab File: BG034040.D
Acq: 27 Apr 2018 15:43

Tgt Ion	45	Resp	196586
Ion Ratio	Lower	Upper	
45	100		
77	17.3	0.0	30.2
79	14.4	0.0	27.9





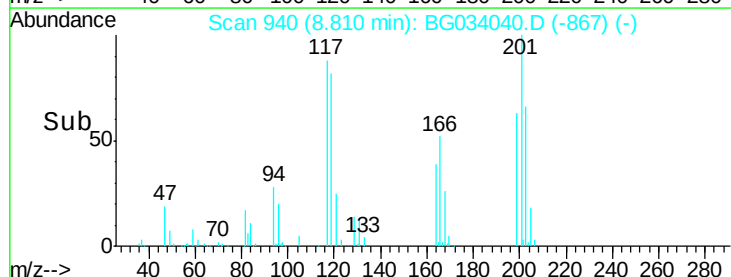
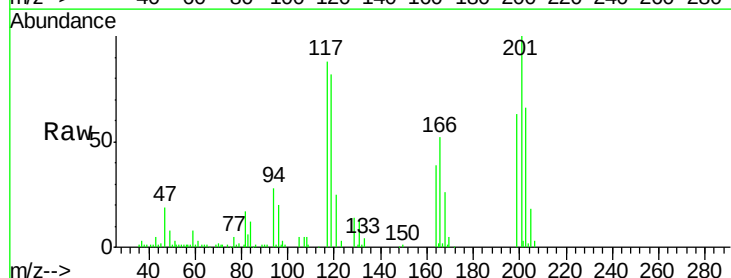
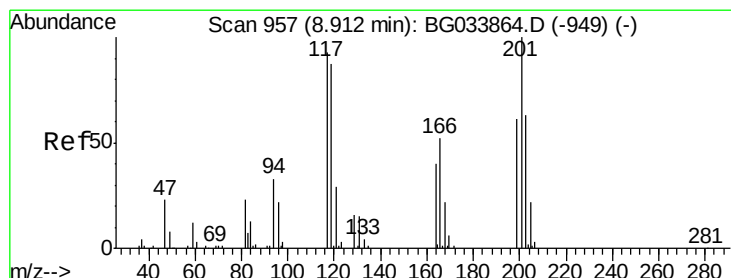
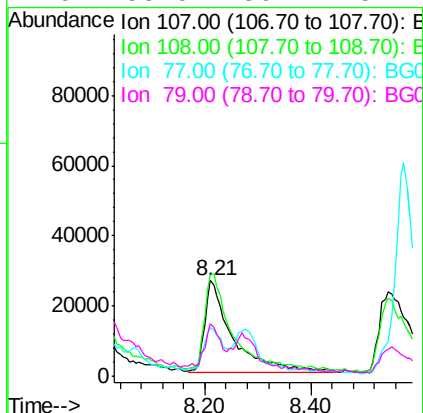
#17
2-Methylphenol
Concen: 28.807 ng/ml
RT: 8.21 min Scan# 838
Delta R.T. -0.06 min
Lab File: BG034040.D
Acq: 27 Apr 2018 15:43

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	105.1	83.9	125.9	
77	50.3	37.2	55.8	
79	55.0	36.2	54.2	

Instrument :
BNA_G
ClientSampleId :
JC-01-042518MS

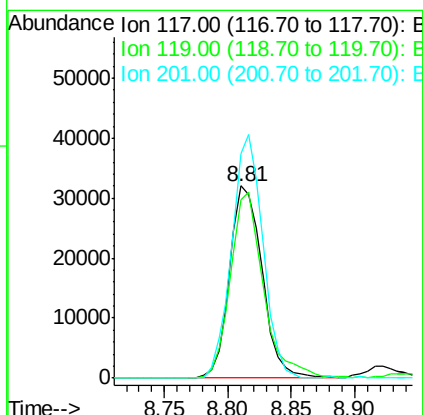
Manual Integrations
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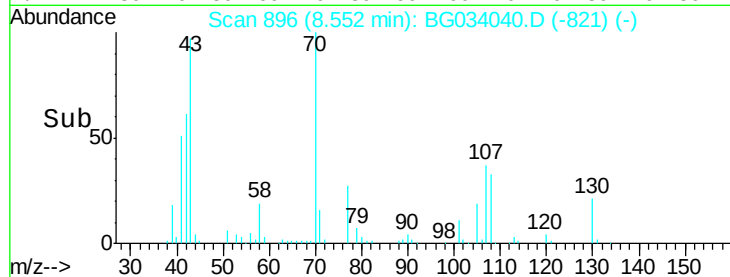
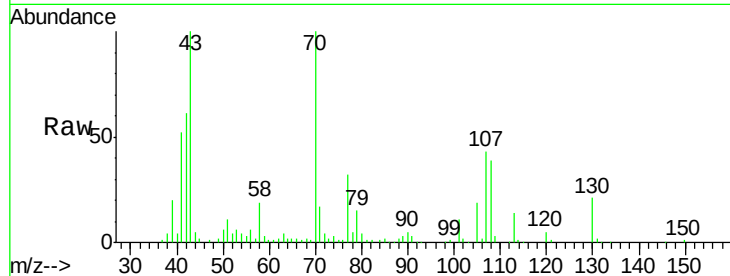
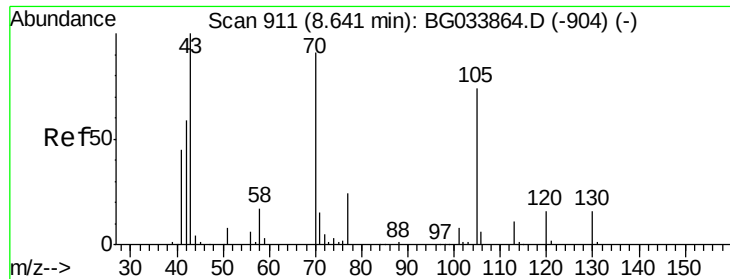
Sohil
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#18
Hexachloroethane
Concen: 39.489 ng/ml
RT: 8.81 min Scan# 940
Delta R.T. -0.10 min
Lab File: BG034040.D
Acq: 27 Apr 2018 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.8	76.7	115.1	
201	116.7	95.7	143.5	





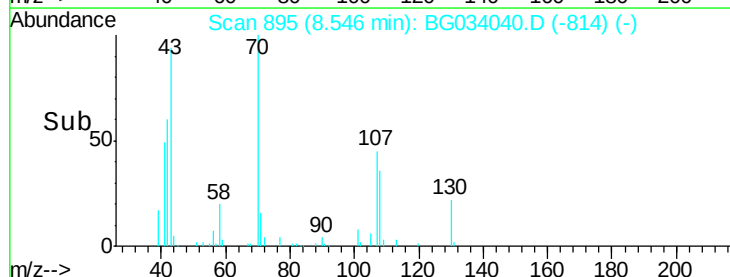
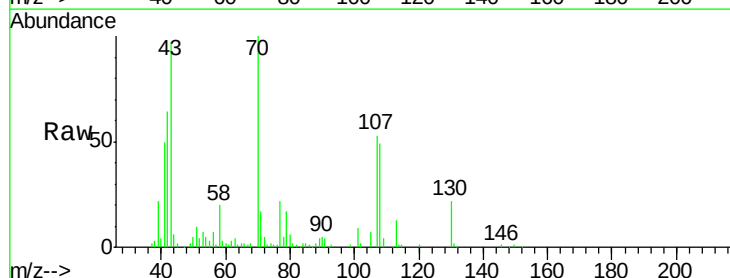
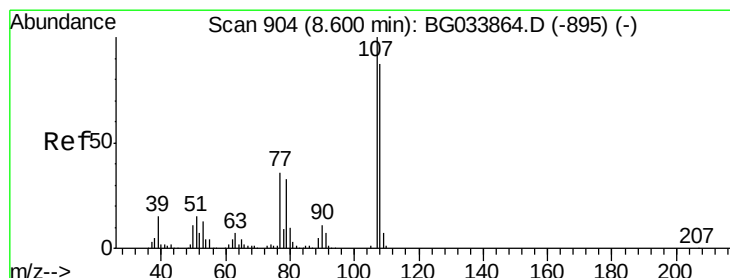
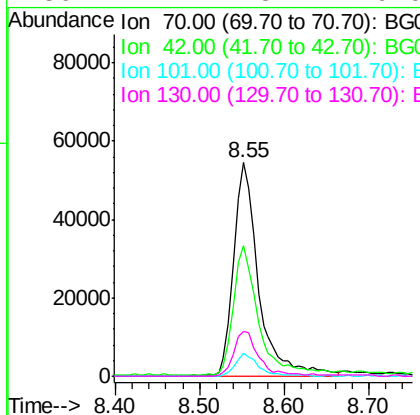
#19
n-Nitroso-di-n-propylamine
Concen: 29.577 ng
RT: 8.55 min Scan# 896
Delta R.T. -0.09 min
Lab File: BG034040.D
Acq: 27 Apr 2018 15:43

Instrument :
BNA_G
ClientSampleId :
JC-01-042518MS

Tot Ion	70	Resp	111105
Ion Ratio	Lower	Upper	
70	100		
42	61.3	49.1	73.7
101	11.1	8.5	12.7
130	21.2	13.4	20.0#

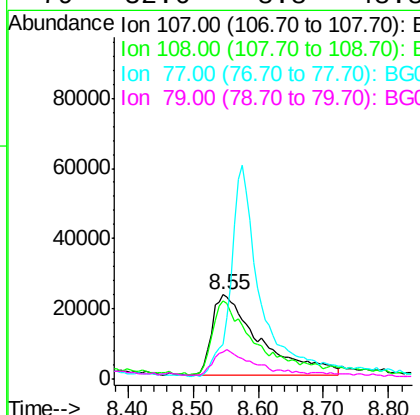
Manual Integrations
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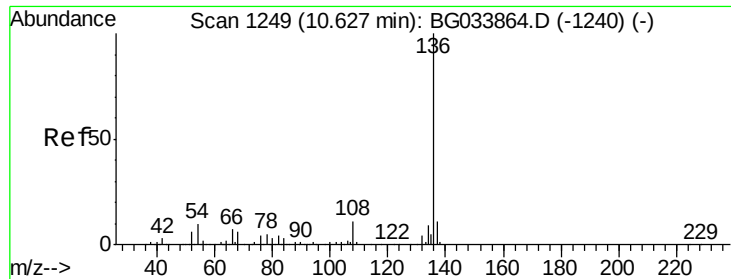
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#20
3+4-Methylphenols
Concen: 24.152 ng
RT: 8.55 min Scan# 895
Delta R.T. -0.05 min
Lab File: BG034040.D
Acq: 27 Apr 2018 15:43

Tgt Ion	107	Resp	117409
Ion Ratio	Lower	Upper	
107	100		
108	92.9	61.6	101.6
77	41.6	13.9	53.9
79	32.6	8.8	48.8





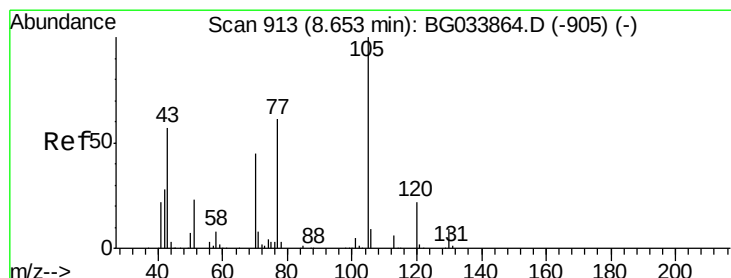
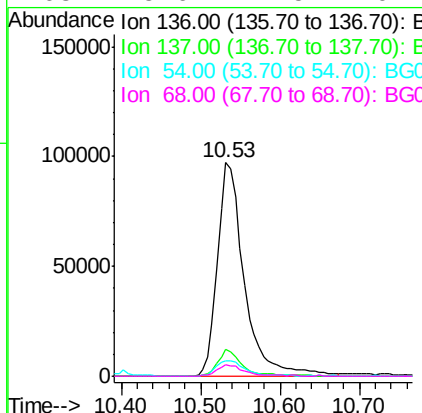
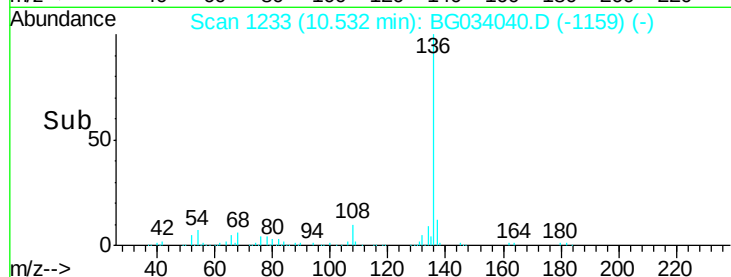
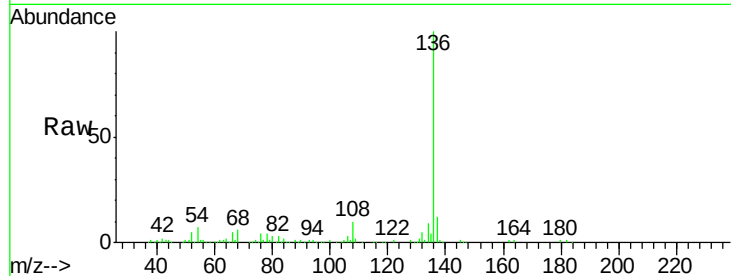
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.53 min Scan# 1233
Delta R.T. -0.10 min
Lab File: BG034040.D
Acq: 27 Apr 2018 15:43

Instrument :
BNA_G
ClientSampleId :
JC-01-042518MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	229952		
137	12.4	9.2	13.8	
54	7.5	10.3	15.5	
68	5.6	4.5	6.7	

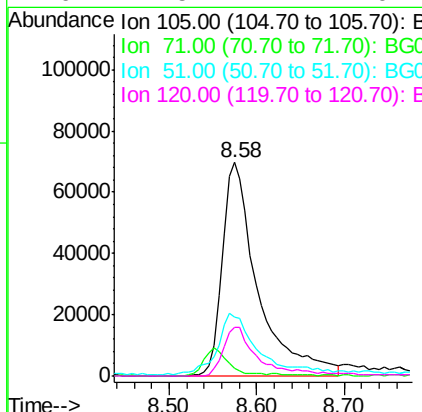
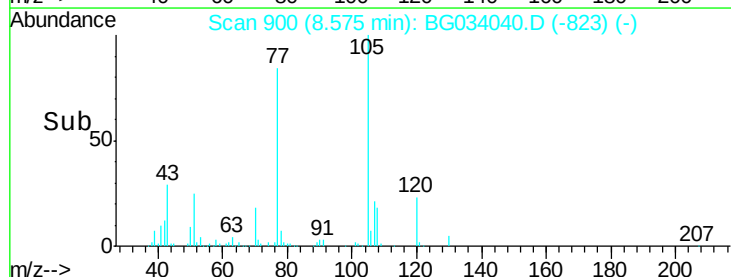
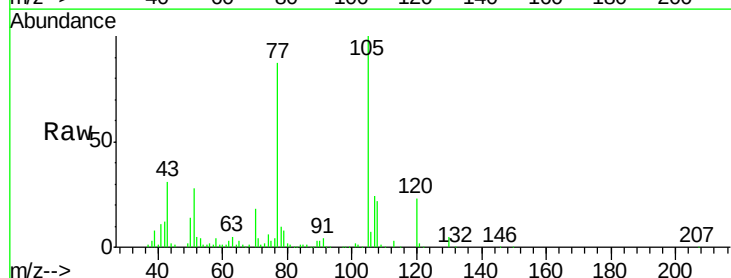
Manual Integrations
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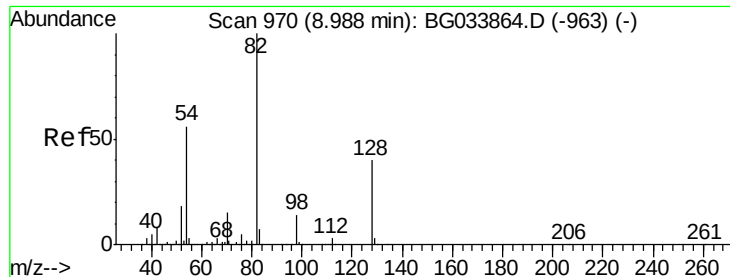
Sohil
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#22
Acetophenone
Concen: 31.026 ng
RT: 8.58 min Scan# 900
Delta R.T. -0.08 min
Lab File: BG034040.D
Acq: 27 Apr 2018 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	194181		
71	3.8	3.0	4.4	
51	27.9	26.1	39.1	
120	22.5	17.4	26.2	





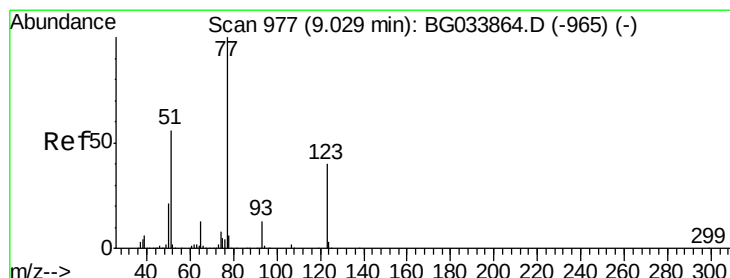
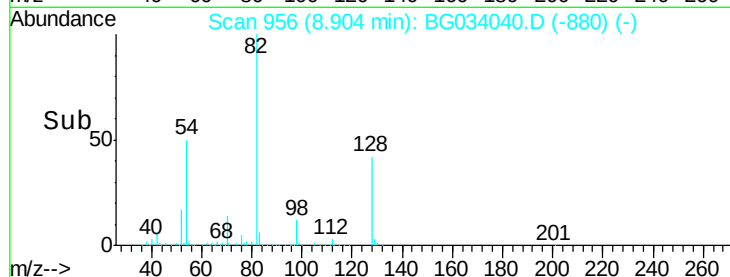
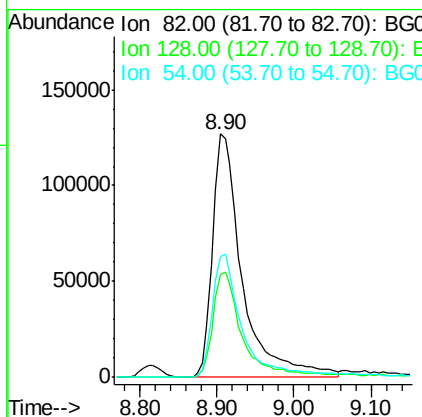
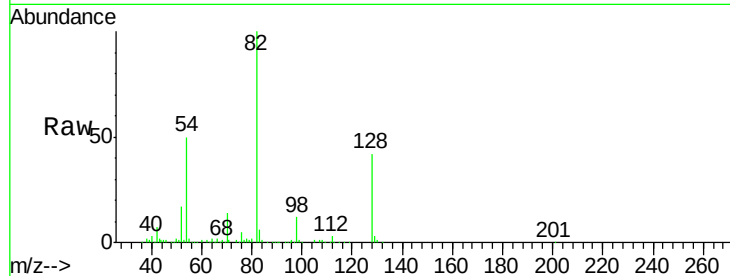
#23
 Nitrobenzene-d5
 Concen: 83.946 ng
 RT: 8.90 min Scan# 956
 Delta R.T. -0.08 min
 Lab File: BG034040.D
 Acq: 27 Apr 2018 15:43

Instrument :
 BNA_G
 ClientSampleId :
 JC-01-042518MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.1	29.7	44.5
54	49.6	43.1	64.7

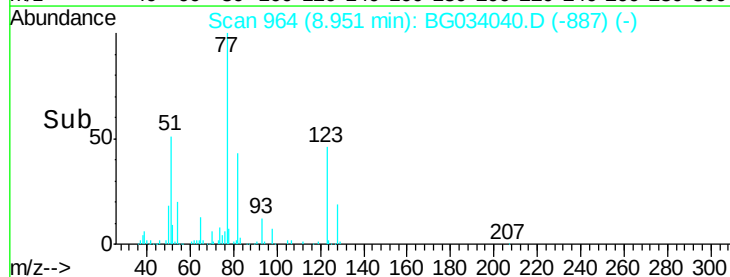
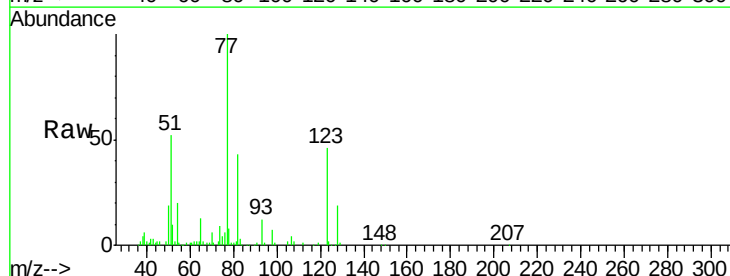
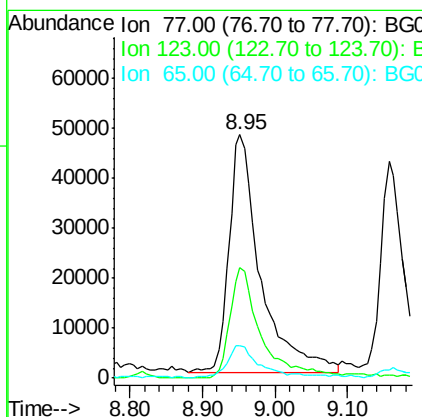
Manual Integrations
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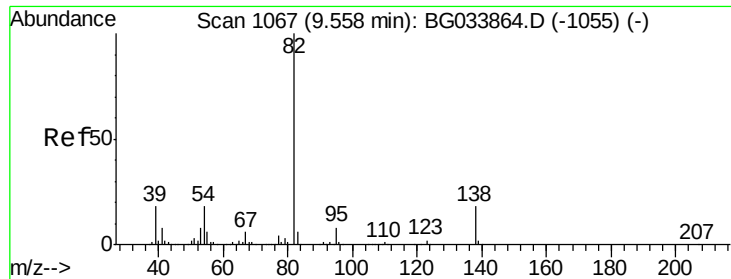
Sohil
 4/30/2018 7:02:28 PM



#24
 Nitrobenzene
 Concen: 32.624 ng
 RT: 8.95 min Scan# 964
 Delta R.T. -0.08 min
 Lab File: BG034040.D
 Acq: 27 Apr 2018 15:43

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.6	33.0	49.6
65	13.4	13.0	19.6





#25

Isophorone

Concen: 36.332 ng

RT: 9.46 min Scan# 1051

Delta R.T. -0.10 min

Lab File: BG034040.D

Acq: 27 Apr 2018 15:43

Instrument :

BNA_G

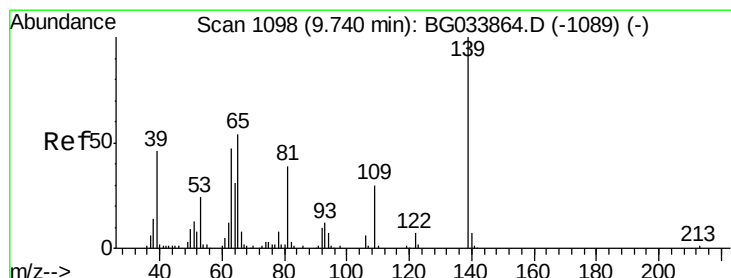
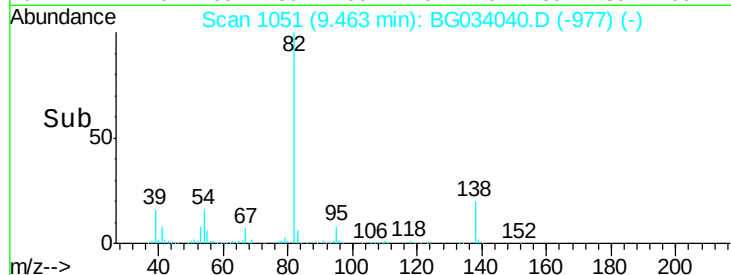
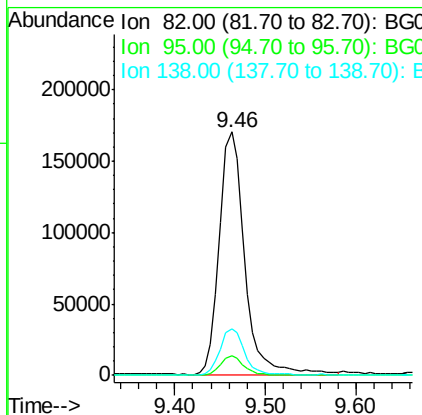
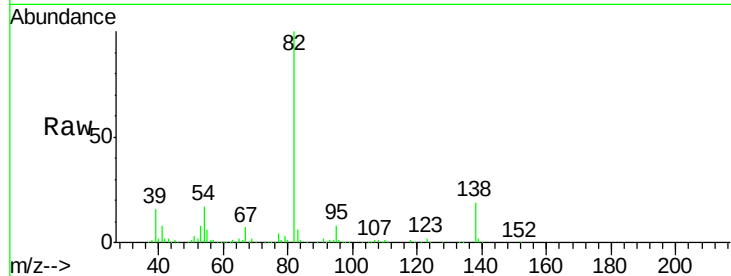
ClientSampleId :

JC-01-042518MS

Tot Ion:	82	Resp:	330058
Ion Ratio		Lower	Upper
82	100		
95	8.0	6.2	9.2
138	19.2	12.1	18.1#

Manual Integrations
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#26

2-Nitrophenol

Concen: 34.538 ng

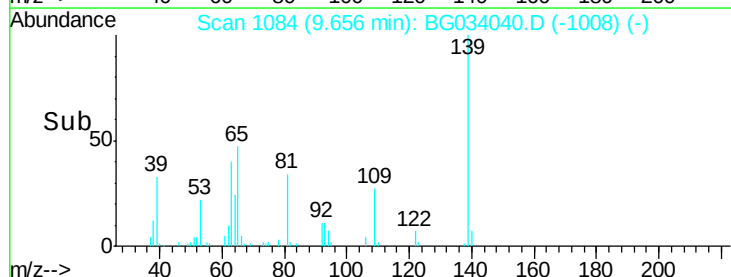
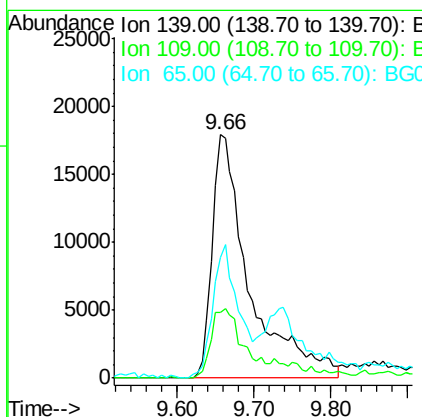
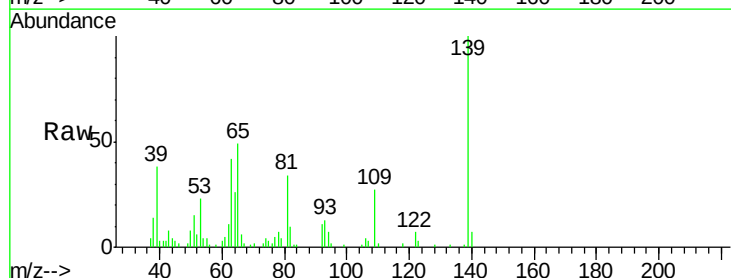
RT: 9.66 min Scan# 1084

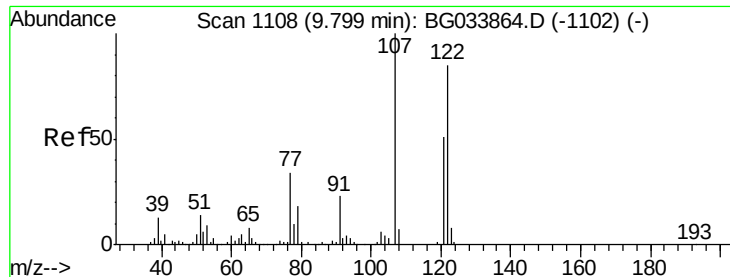
Delta R.T. -0.08 min

Lab File: BG034040.D

Acq: 27 Apr 2018 15:43

Tgt Ion:	139	Resp:	60089
Ion Ratio		Lower	Upper
139	100		
109	26.7	24.2	36.2
65	49.5	47.4	71.0





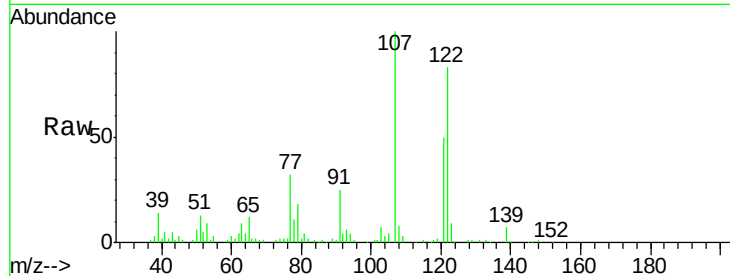
#27
2,4-Dimethylphenol
Concen: 34.599 ng
RT: 9.73 min Scan# 1097
Delta R.T. -0.07 min
Lab File: BG034040.D
Acq: 27 Apr 2018 15:43

Instrument :
BNA_G
ClientSampleId :
JC-01-042518MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	120.2	100.2	150.2
121	60.7	44.4	66.6

Manual Integrations
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4/30/2018 7:02:28 PM

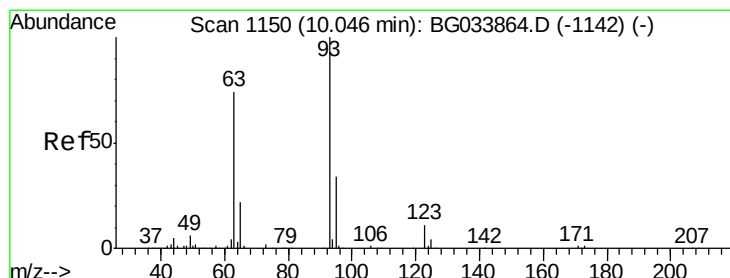
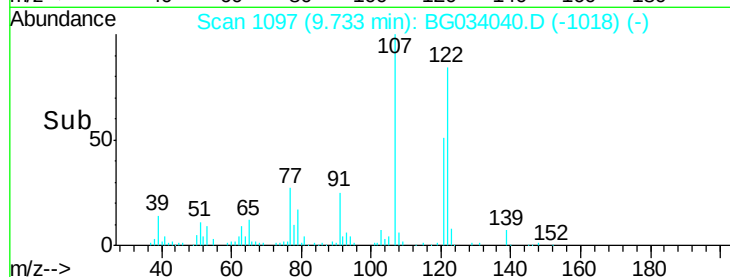
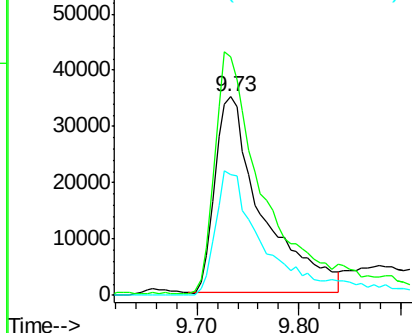


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 36.382 ng
RT: 9.96 min Scan# 1136
Delta R.T. -0.08 min
Lab File: BG034040.D
Acq: 27 Apr 2018 15:43

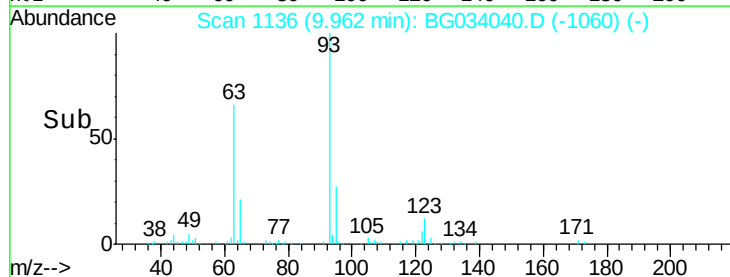
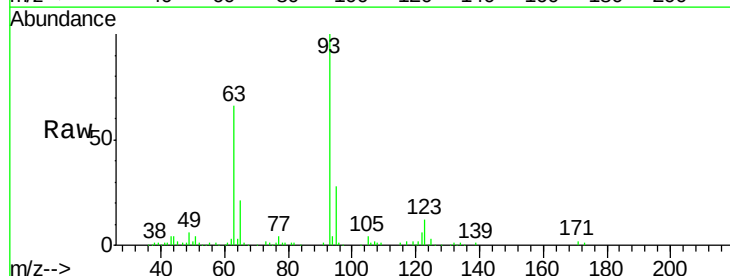
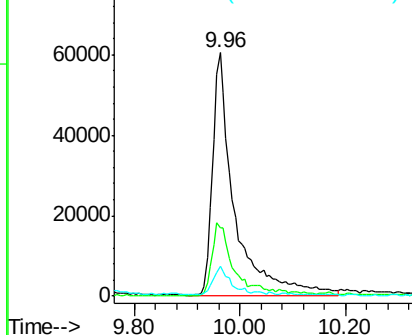
Tgt Ion	Ratio	Lower	Upper
93	100		
95	28.2	24.3	36.5
123	12.4	8.4	12.6

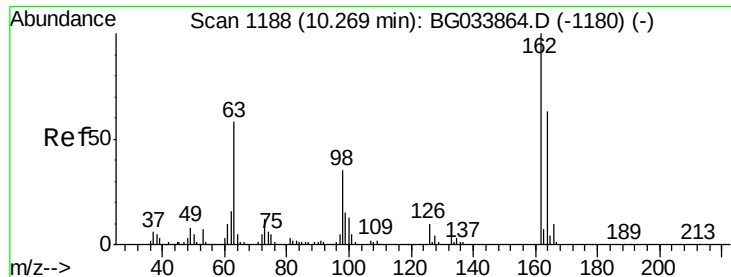
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





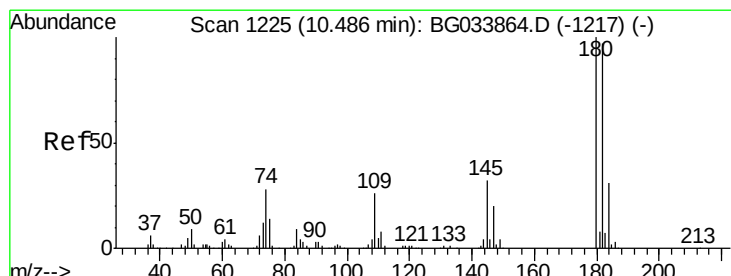
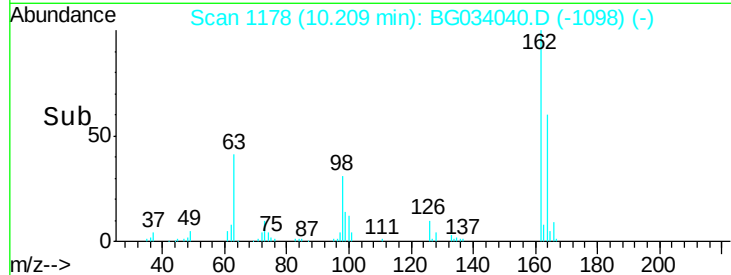
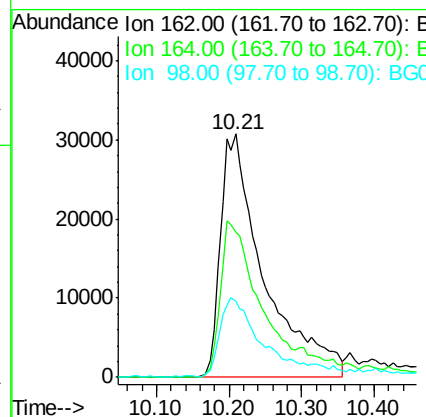
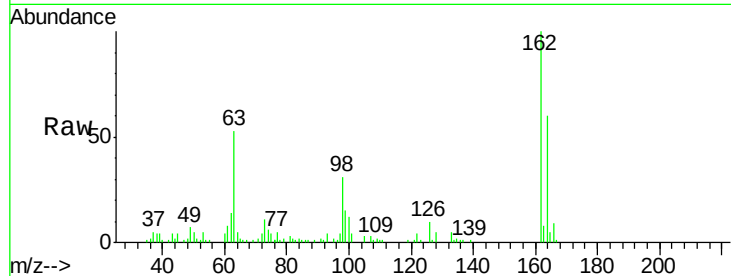
#29
 2,4-Dichlorophenol
 Concen: 35.246 ng
 RT: 10.21 min Scan# 1178
 Delta R.T. -0.06 min
 Lab File: BG034040.D
 Acq: 27 Apr 2018 15:43

Instrument :
 BNA_G
 ClientSampleId :
 JC-01-042518MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		127858		
164	59.6	48.0	88.0		
98	31.3	21.1	61.1		

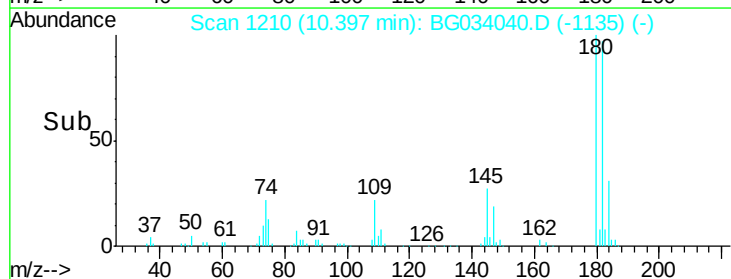
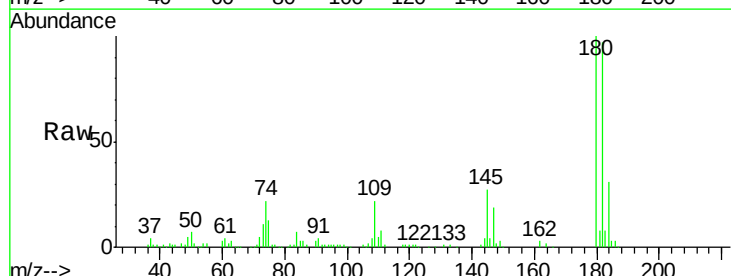
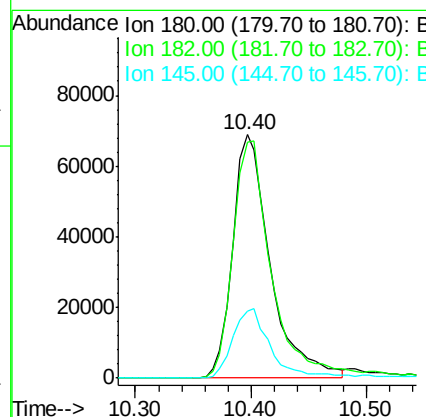
Manual Integrations
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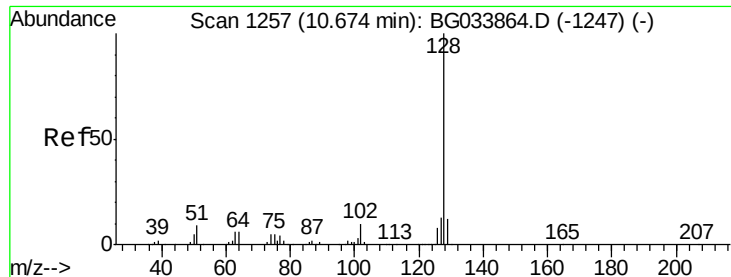
Sohil
 4/30/2018 7:02:28 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 38.288 ng
 RT: 10.40 min Scan# 1210
 Delta R.T. -0.09 min
 Lab File: BG034040.D
 Acq: 27 Apr 2018 15:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		155565		
182	96.9	77.5	116.3		
145	27.3	23.4	35.2		





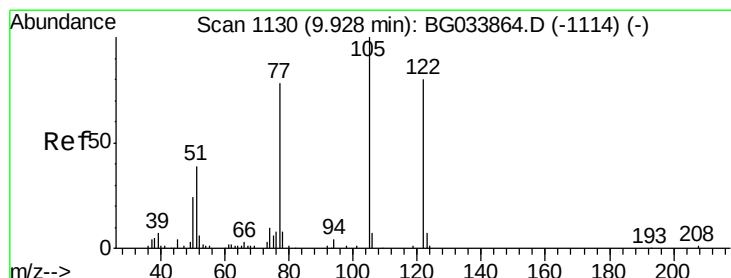
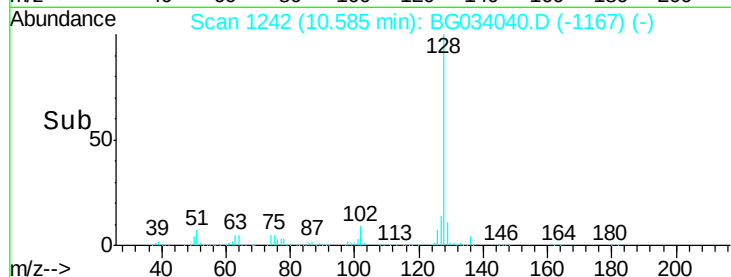
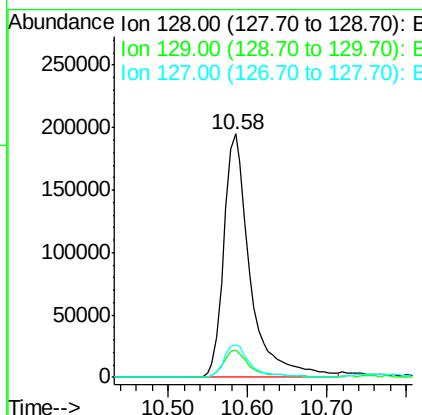
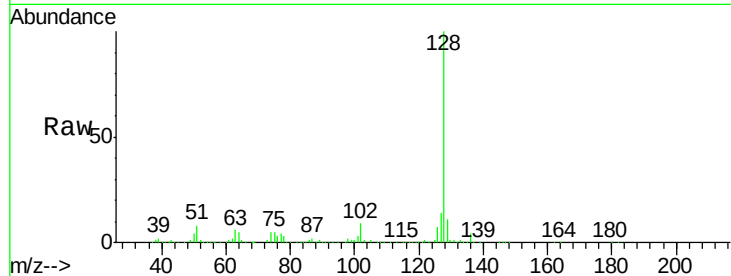
#31
Naphthalene
Concen: 37.688 ng
RT: 10.58 min Scan# 1242
Delta R.T. -0.09 min
Lab File: BG034040.D
Acq: 27 Apr 2018 15:43

Instrument :
BNA_G
ClientSampleId :
JC-01-042518MS

Tot Ion:	128	Resp:	445660
Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.6	12.8
127	13.6	11.6	17.4

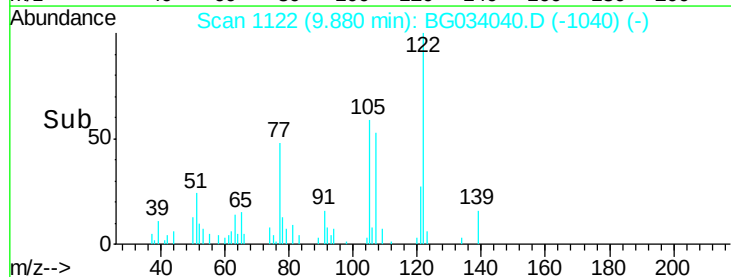
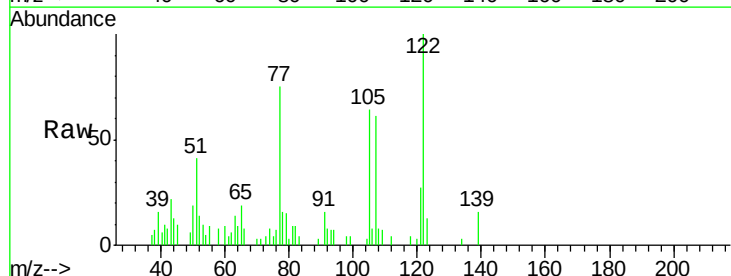
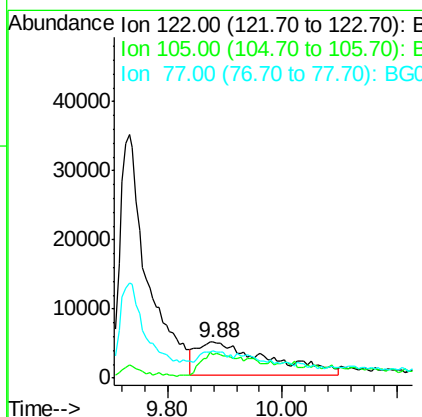
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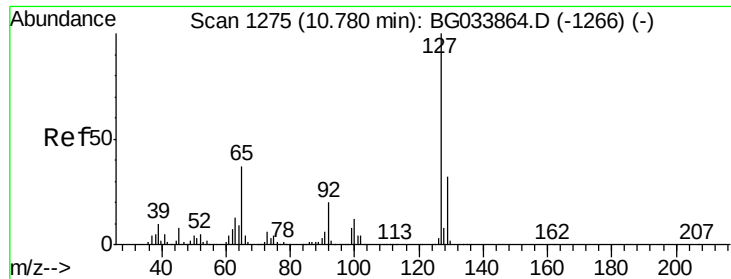
Sohil
4/30/2018 7:02:28 PM



#32
Benzoic acid
Concen: 16.719 ng m
RT: 9.88 min Scan# 1122
Delta R.T. -0.05 min
Lab File: BG034040.D
Acq: 27 Apr 2018 15:43

Tgt Ion:	122	Resp:	42207
Ion	Ratio	Lower	Upper
122	100		
105	64.1	123.5	163.5#
77	75.5	85.7	125.7#





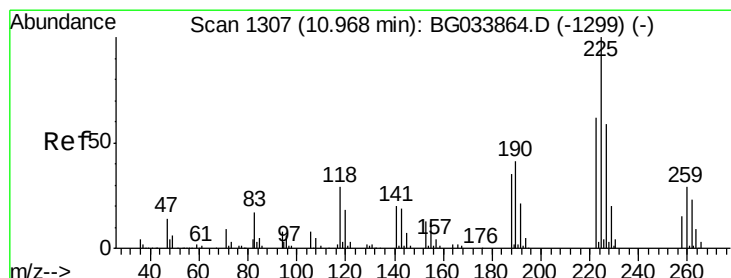
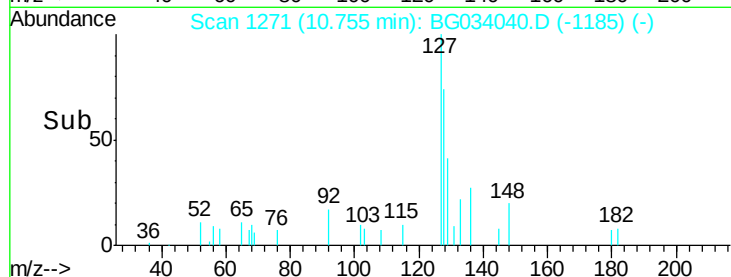
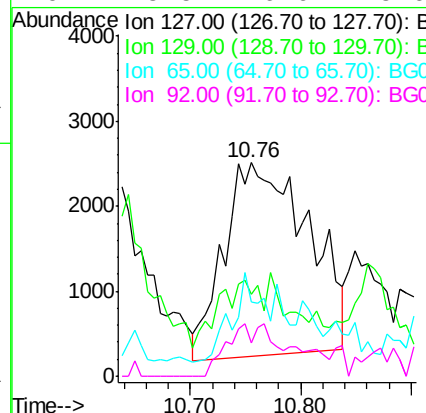
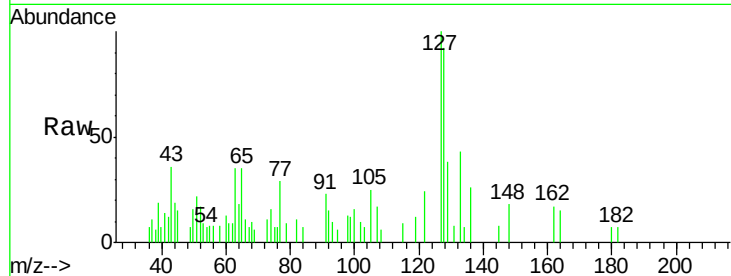
#33
4-Chloroaniline
Concen: 2.170 ng
RT: 10.76 min Scan# 1271
Delta R.T. -0.03 min
Lab File: BG034040.D
Acq: 27 Apr 2018 15:43

Instrument :
BNA_G
ClientSampleId :
JC-01-042518MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	38.1	24.0	36.0#
65	34.8	27.0	40.4
92	15.5	16.6	25.0#

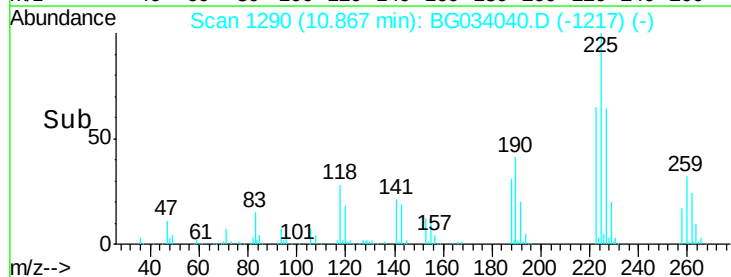
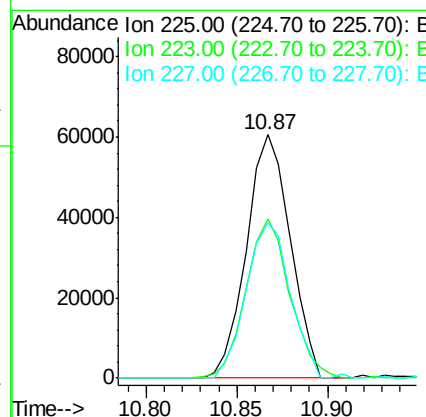
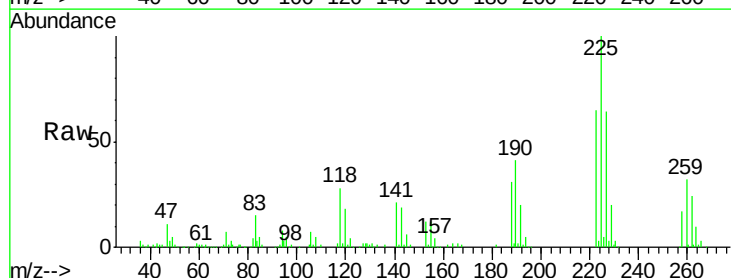
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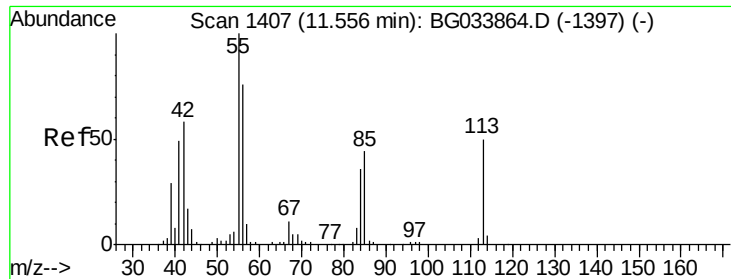
Sohil
4/30/2018 7:02:28 PM



#34
Hexachlorobutadiene
Concen: 41.778 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.10 min
Lab File: BG034040.D
Acq: 27 Apr 2018 15:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.4	49.7	74.5
227	63.6	48.1	72.1





#35

Caprolactam

Concen: 25.759 ng/mL

RT: 11.50 min Scan# 1398

Delta R.T. -0.05 min

Lab File: BG034040.D

Acq: 27 Apr 2018 15:43

Instrument :

BNA_G

ClientSampleId :

JC-01-042518MS

Tot Ion:113 Resp: 39728

Ion Ratio Lower Upper

113 100

55 155.4 186.9 226.9#

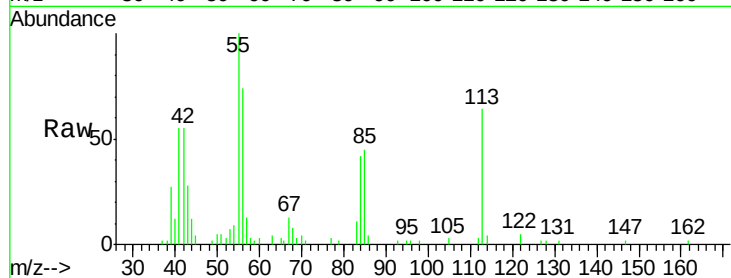
56 114.9 130.9 170.9#

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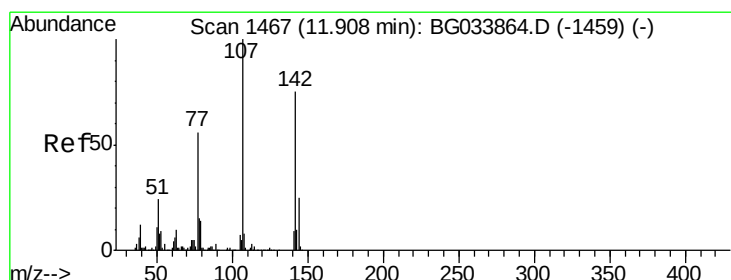
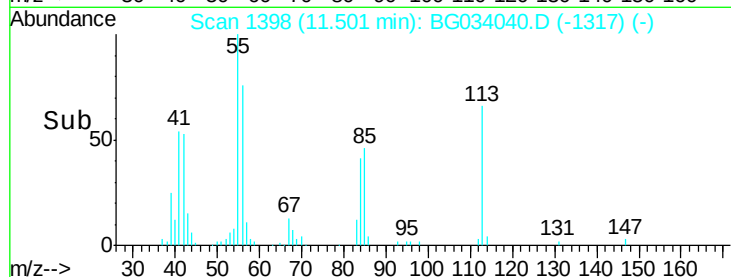
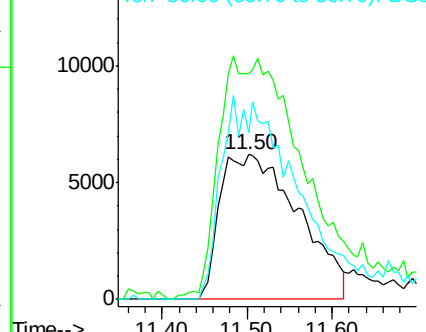
4/30/2018 7:02:28 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG033864.D (-1397) (-)

Ion 56.00 (55.70 to 56.70): BG033864.D (-1397) (-)



#36

4-Chloro-3-methylphenol

Concen: 32.662 ng/mL

RT: 11.85 min Scan# 1458

Delta R.T. -0.05 min

Lab File: BG034040.D

Acq: 27 Apr 2018 15:43

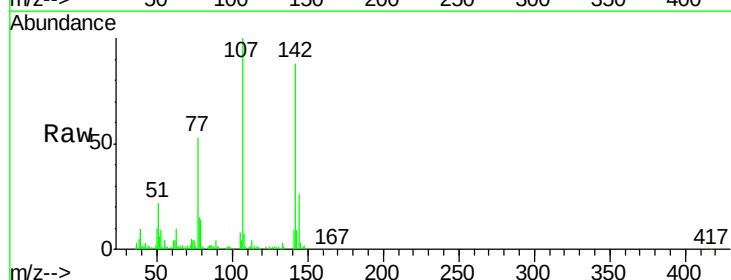
Tgt Ion:107 Resp: 144613

Ion Ratio Lower Upper

107 100

144 25.7 18.2 27.4

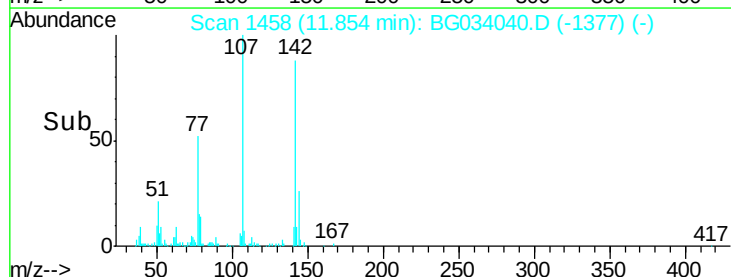
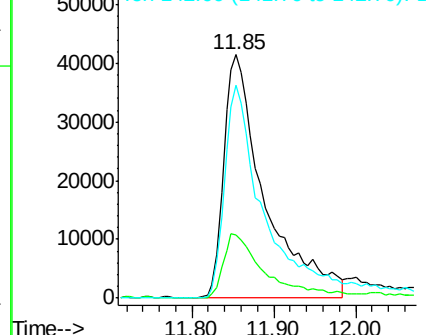
142 87.7 59.0 88.4

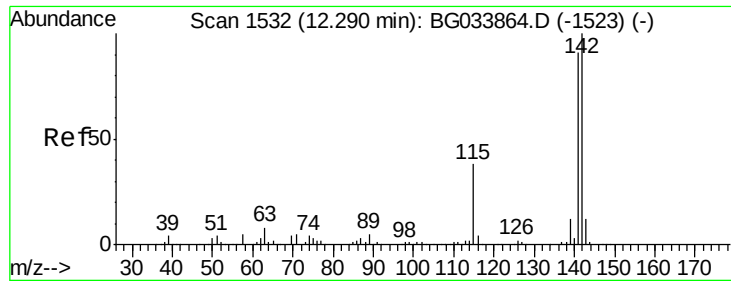


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): BG033864.D (-1459) (-)

Ion 142.00 (141.70 to 142.70): BG033864.D (-1459) (-)





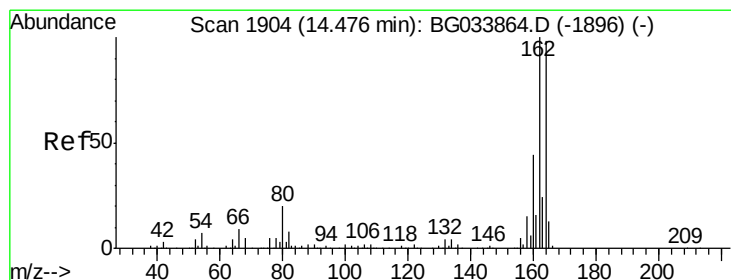
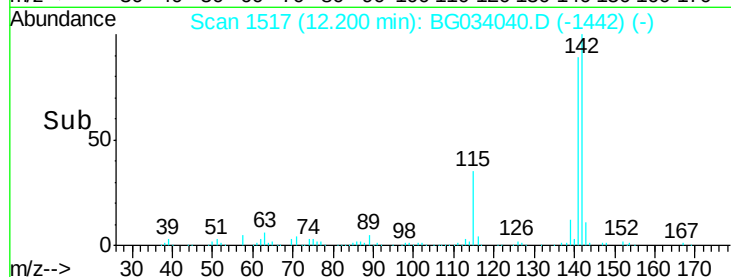
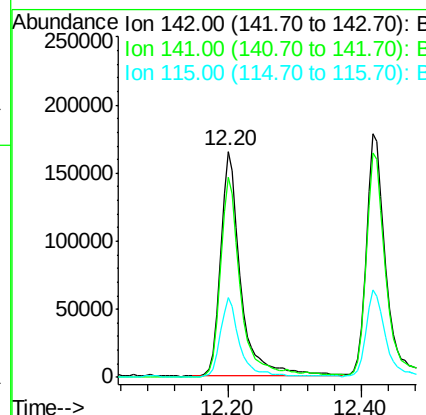
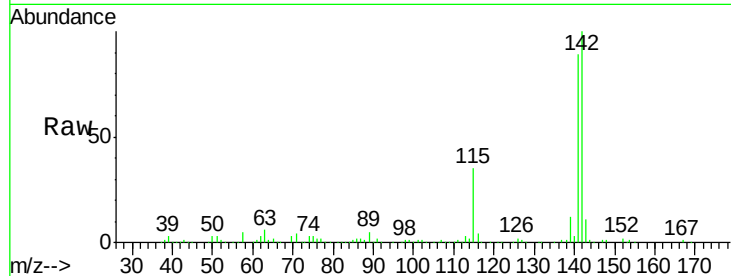
#37
2-Methylnaphthalene
Concen: 38.872 ng
RT: 12.20 min Scan# 1517
Delta R.T. -0.09 min
Lab File: BG034040.D
Acq: 27 Apr 2018 15:43

Instrument :
BNA_G
ClientSampleId :
JC-01-042518MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	67.1	100.7
115	35.4	30.7	46.1

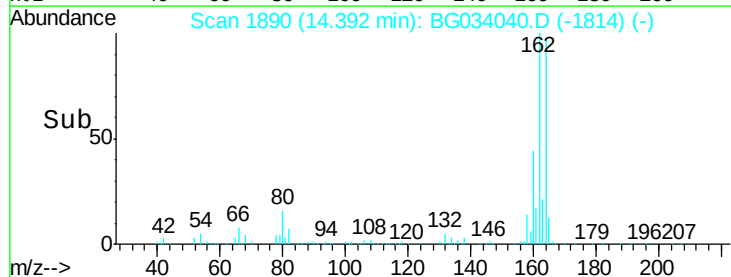
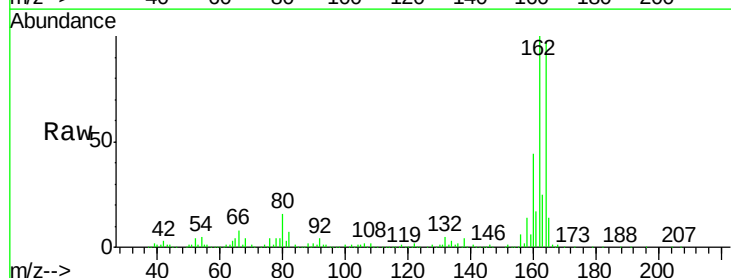
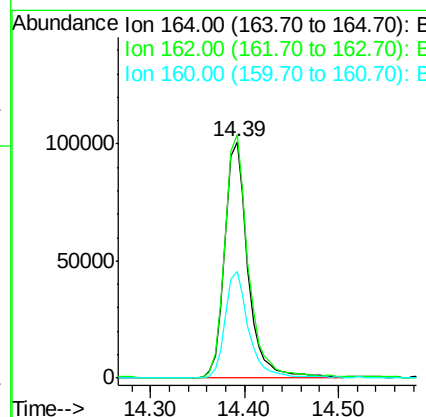
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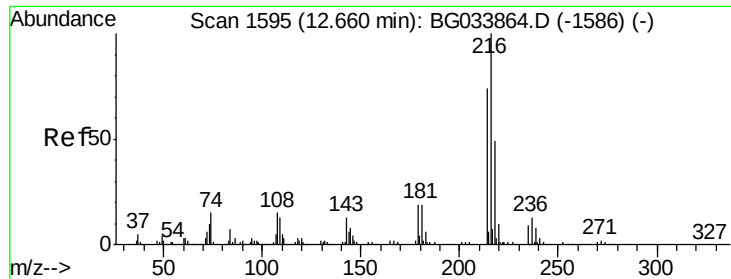
Sohil
4/30/2018 7:02:28 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.39 min Scan# 1890
Delta R.T. -0.08 min
Lab File: BG034040.D
Acq: 27 Apr 2018 15:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	78.8	118.2
160	44.9	35.4	53.0





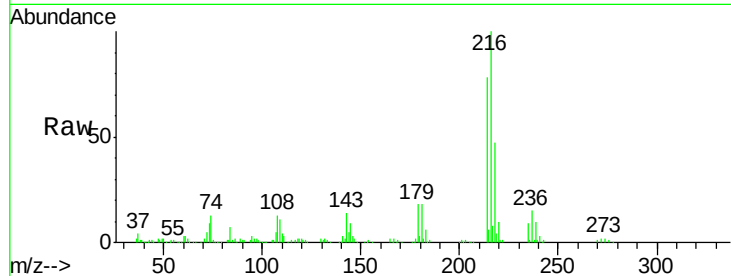
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.086 ng
 RT: 12.57 min Scan# 1580
 Delta R.T. -0.09 min
 Lab File: BG034040.D
 Acq: 27 Apr 2018 15:43

Instrument :
 BNA_G
 ClientSampleId :
 JC-01-042518MS

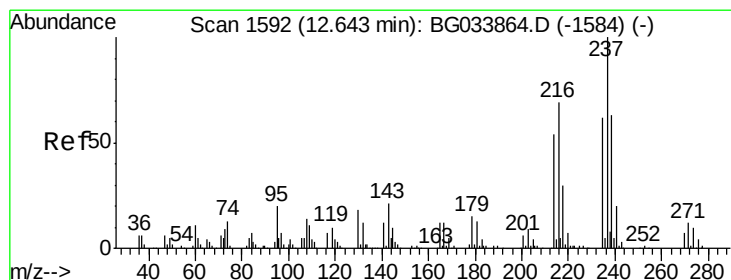
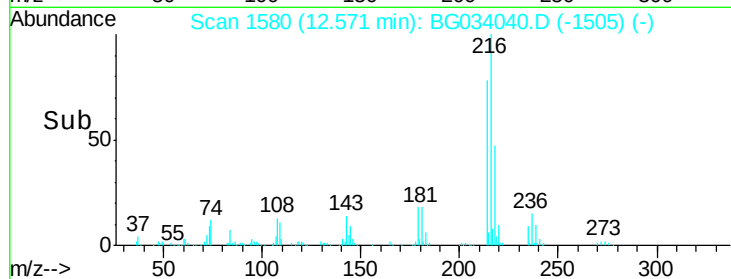
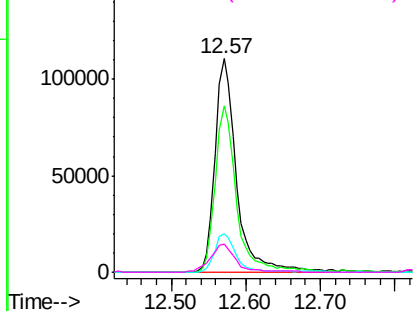
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		221968		
214	76.7	63.0	94.4		
179	18.2	17.0	25.6		
108	15.3	12.8	19.2		

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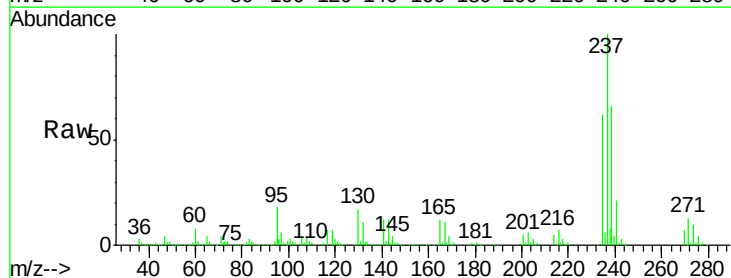


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

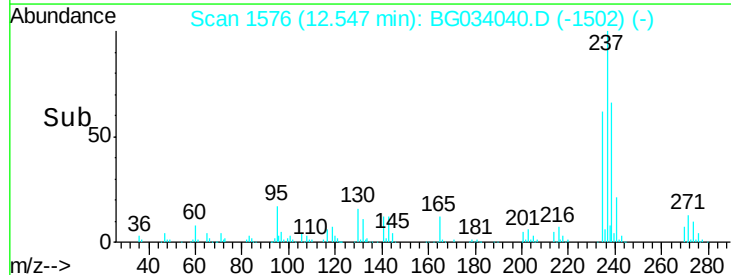
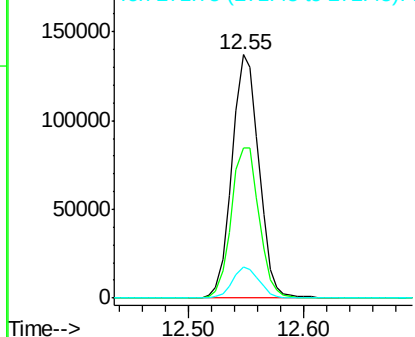


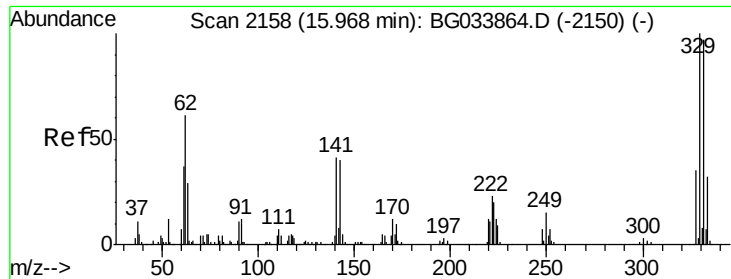
#40
 Hexachlorocyclopentadiene
 Concen: 69.087 ng
 RT: 12.55 min Scan# 1576
 Delta R.T. -0.10 min
 Lab File: BG034040.D
 Acq: 27 Apr 2018 15:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		221395		
235	61.5	50.4	90.4		
272	12.9	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





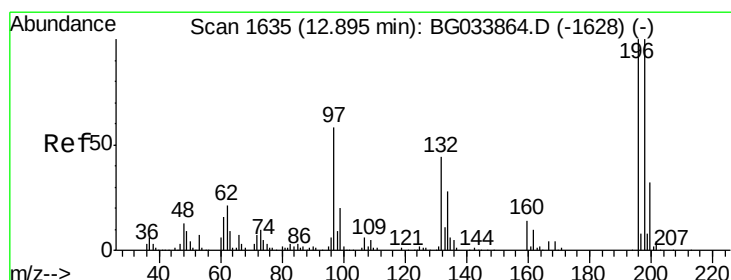
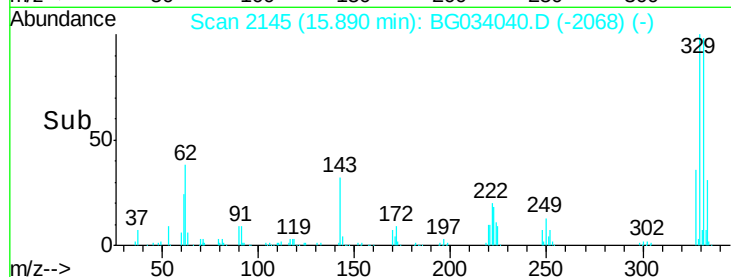
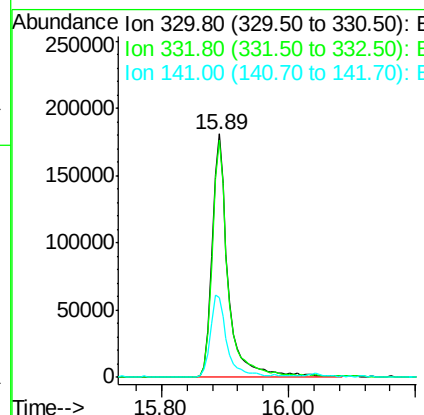
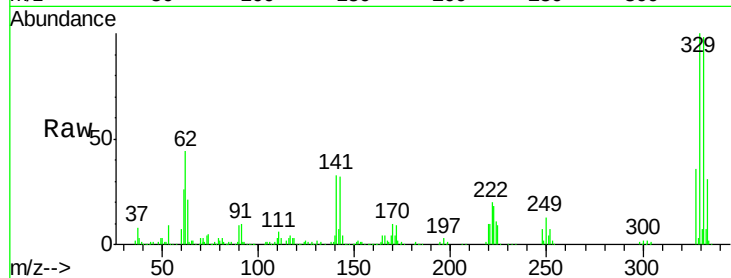
#41
 2,4,6-Tribromophenol
 Concen: 158.359 ng
 RT: 15.89 min Scan# 2145
 Delta R.T. -0.08 min
 Lab File: BG034040.D
 Acq: 27 Apr 2018 15:43

Instrument :
 BNA_G
 ClientSampleId :
 JC-01-042518MS

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	34.1	25.2	37.8

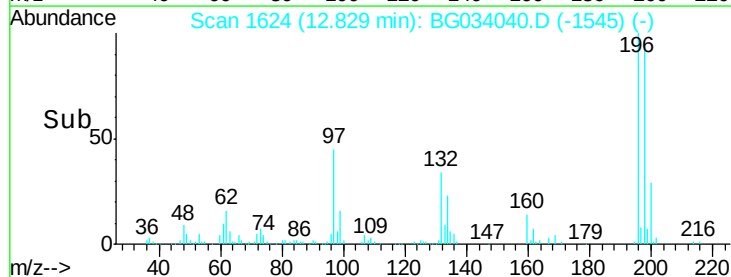
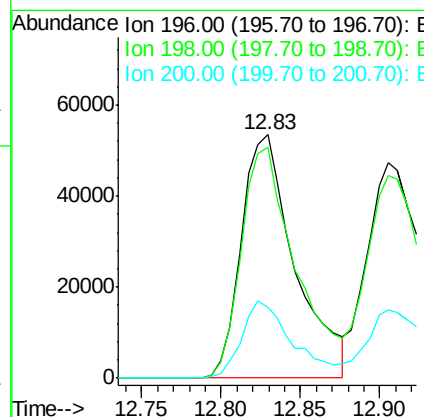
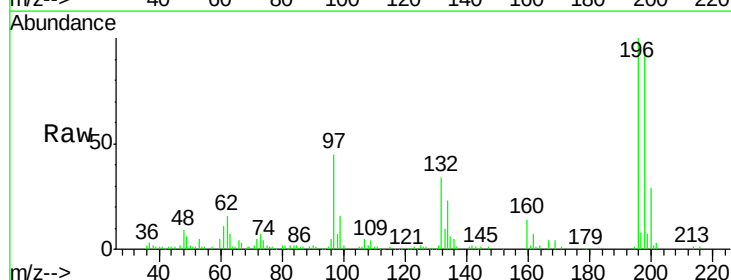
Manual Integrations
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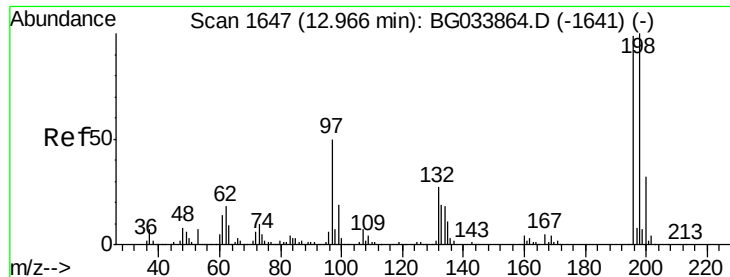
Sohil
 4/30/2018 7:02:28 PM



#42
 2,4,6-Trichlorophenol
 Concen: 35.213 ng
 RT: 12.83 min Scan# 1624
 Delta R.T. -0.07 min
 Lab File: BG034040.D
 Acq: 27 Apr 2018 15:43

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.6	78.2	117.2
200	31.0	24.6	36.8





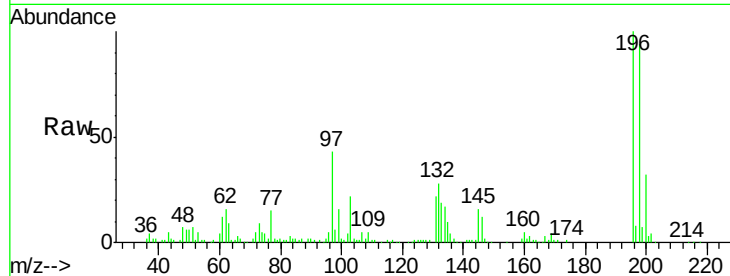
#43
 2,4,5-Trichlorophenol
 Concen: 33.378 ng
 RT: 12.91 min Scan# 1637
 Delta R.T. -0.06 min
 Lab File: BG034040.D
 Acq: 27 Apr 2018 15:43

Instrument :
 BNA_G
 ClientSampleId :
 JC-01-042518MS

Tot Ion	196	Resp	136355
Ion Ratio	Lower	Upper	
196	100		
198	94.2	76.2	114.4
97	39.8	38.7	58.1
132	25.9	20.2	30.2

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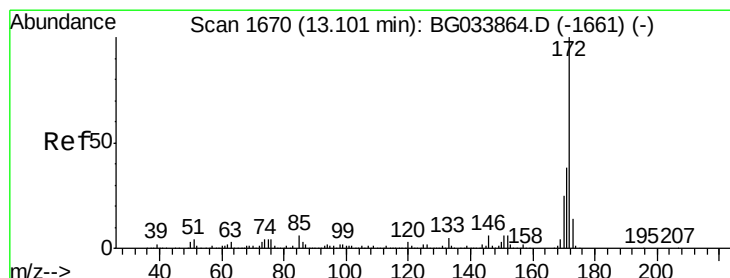
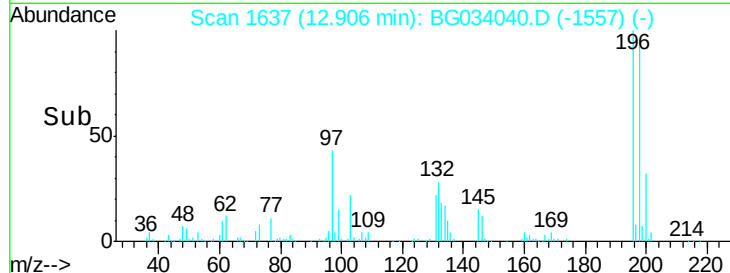
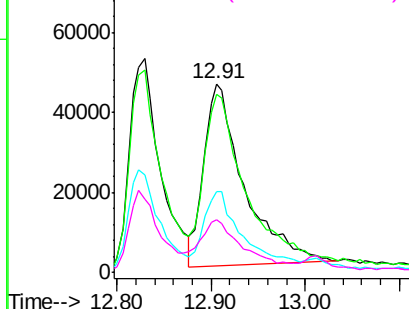
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 90.321 ng
 RT: 13.01 min Scan# 1655
 Delta R.T. -0.09 min
 Lab File: BG034040.D
 Acq: 27 Apr 2018 15:43

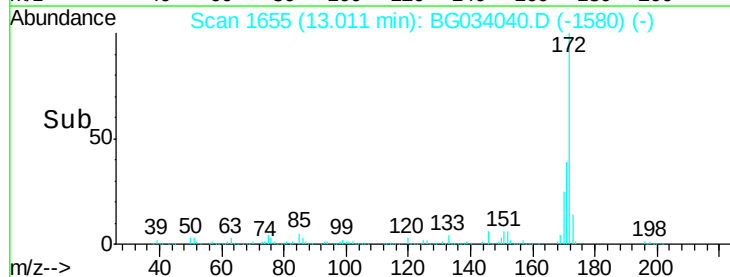
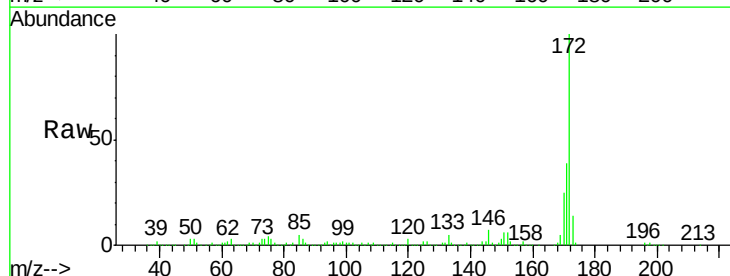
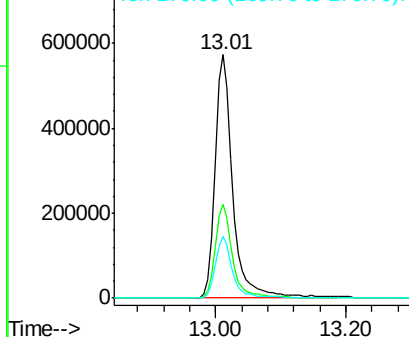
Tgt Ion	172	Resp	1079124
Ion Ratio	Lower	Upper	
172	100		
171	38.8	30.0	45.0
170	25.4	19.5	29.3

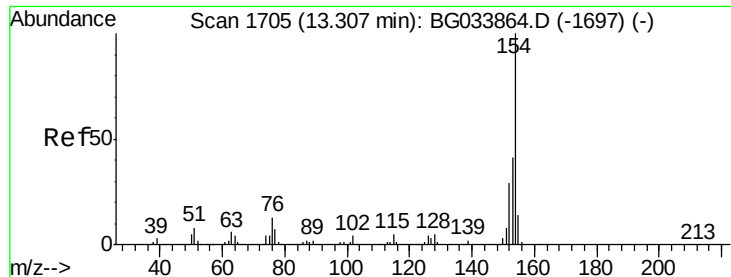
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





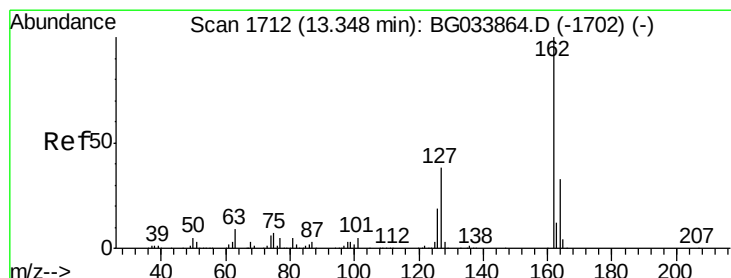
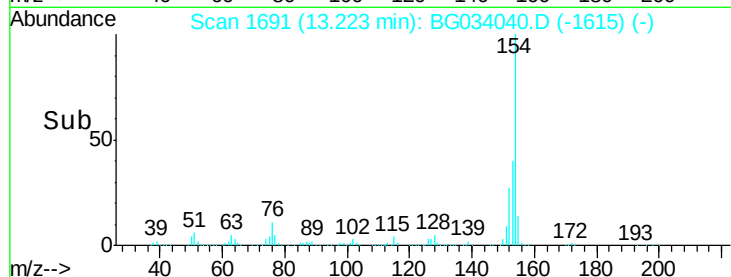
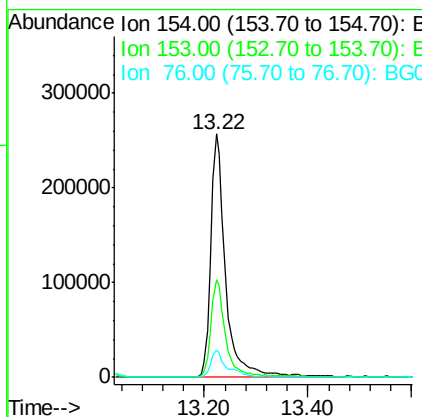
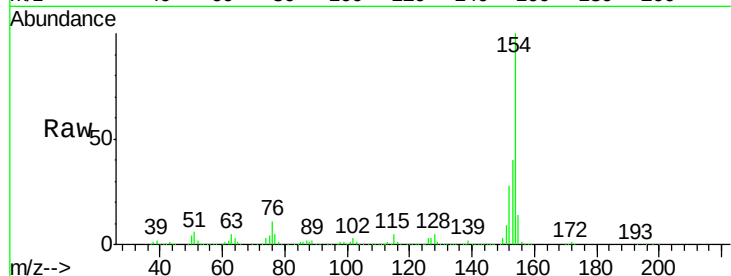
#45
 1,1'-Biphenyl
 Concen: 36.455 ng
 RT: 13.22 min Scan# 1691
 Delta R.T. -0.08 min
 Lab File: BG034040.D
 Acq: 27 Apr 2018 15:43

Instrument :
 BNA_G
 ClientSampleId :
 JC-01-042518MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.2	19.8	59.8
76	11.2	0.0	31.9

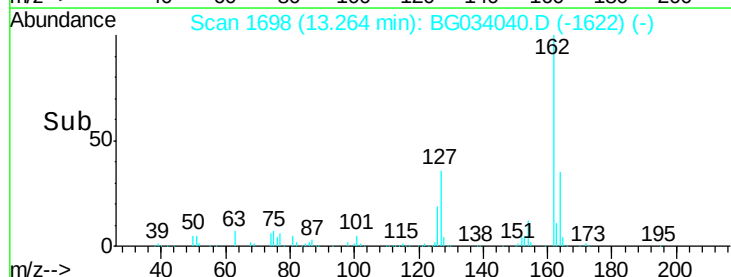
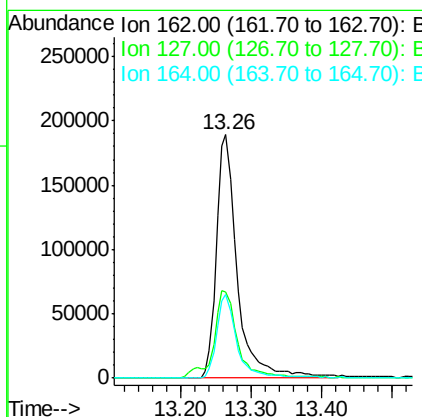
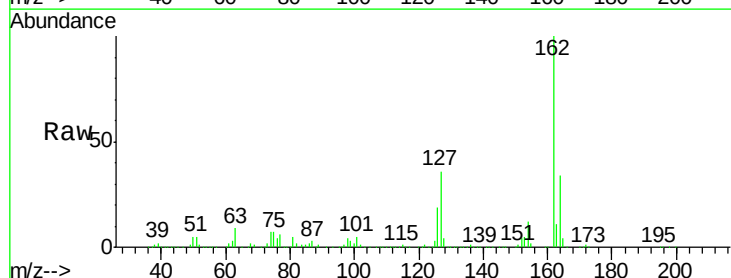
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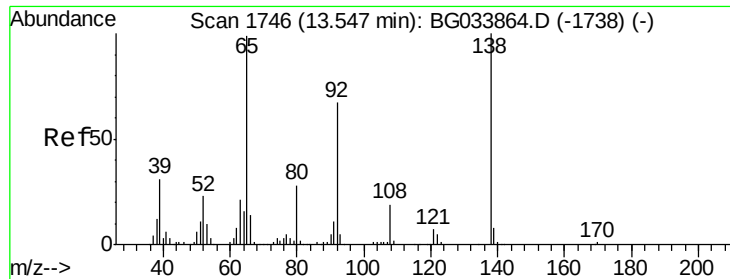
Sohil
 4/30/2018 7:02:28 PM



#46
 2-Chloronaphthalene
 Concen: 36.250 ng
 RT: 13.26 min Scan# 1698
 Delta R.T. -0.08 min
 Lab File: BG034040.D
 Acq: 27 Apr 2018 15:43

Tgt Ion	Ratio	Lower	Upper
162	100		
127	35.7	30.7	46.1
164	34.4	26.0	39.0





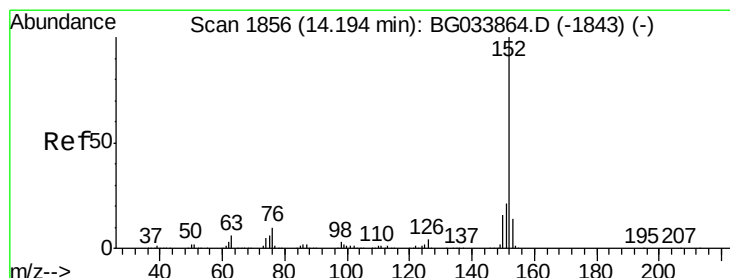
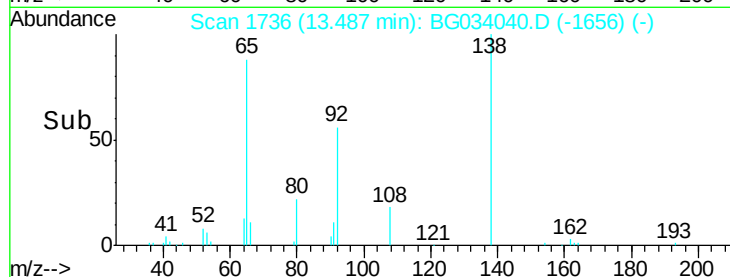
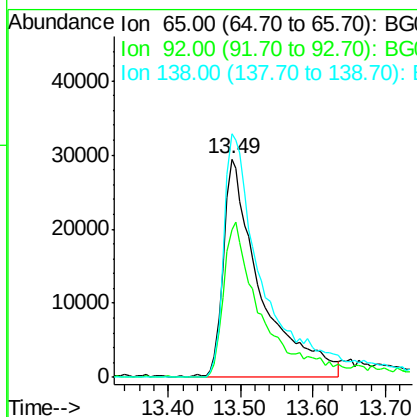
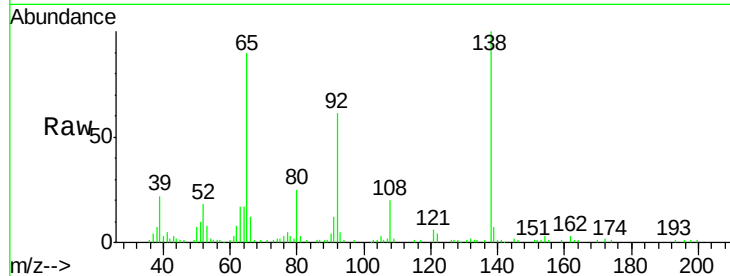
#47
2-Nitroaniline
Concen: 31.333 ng
RT: 13.49 min Scan# 1736
Delta R.T. -0.06 min
Lab File: BG034040.D
Acq: 27 Apr 2018 15:43

Instrument :
BNA_G
ClientSampleId :
JC-01-042518MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.7	54.6	82.0
138	111.4	72.9	109.3

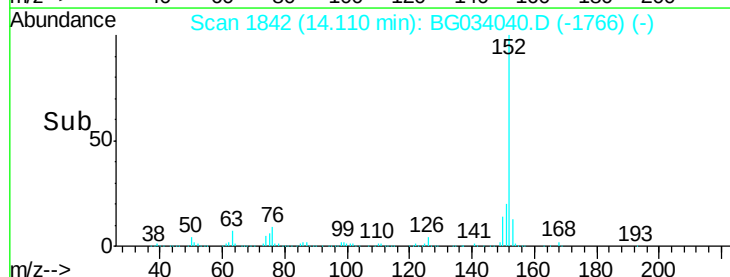
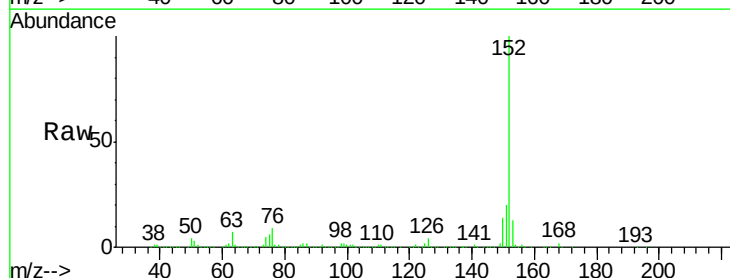
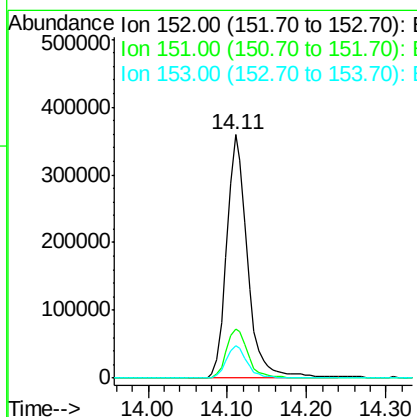
Manual Integrations
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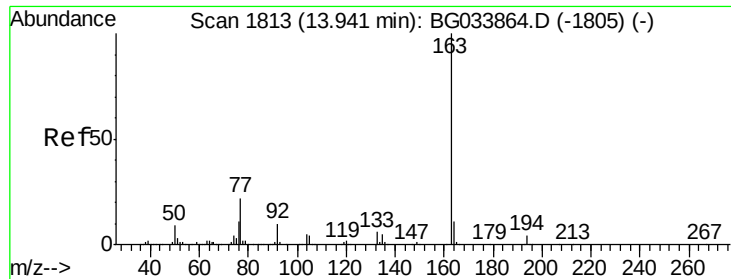
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#48
Acenaphthylene
Concen: 36.423 ng
RT: 14.11 min Scan# 1842
Delta R.T. -0.08 min
Lab File: BG034040.D
Acq: 27 Apr 2018 15:43

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	17.2	25.8
153	13.2	10.2	15.4





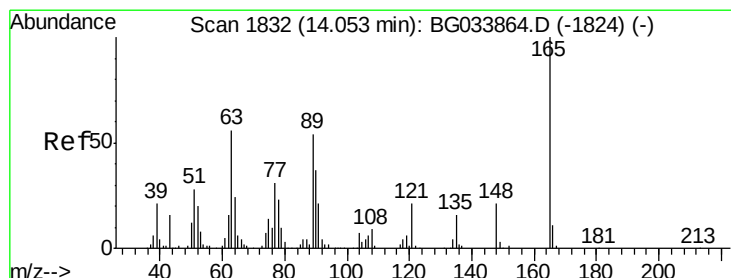
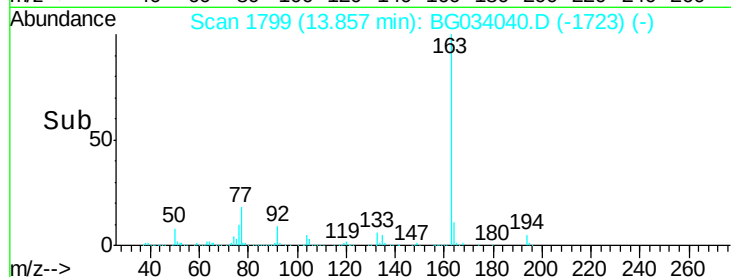
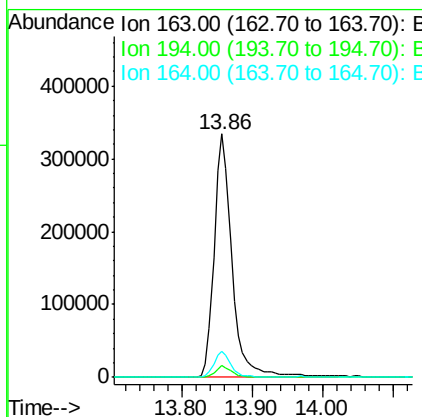
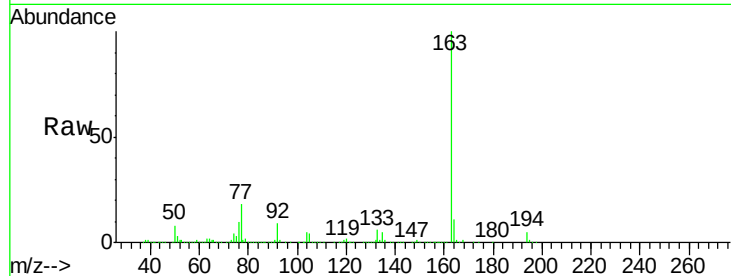
#49
Dimethylphthalate
Concen: 38.204 ng
RT: 13.86 min Scan# 1799
Delta R.T. -0.08 min
Lab File: BG034040.D
Acq: 27 Apr 2018 15:43

Instrument :
BNA_G
ClientSampleId :
JC-01-042518MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	589836		
194	4.7		3.4	5.2
164	10.9		8.2	12.4

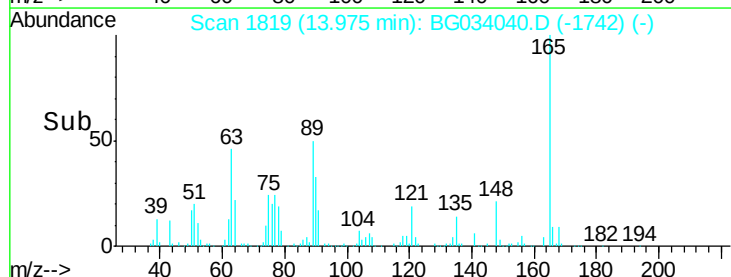
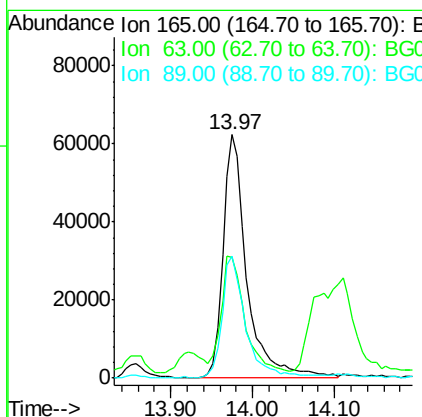
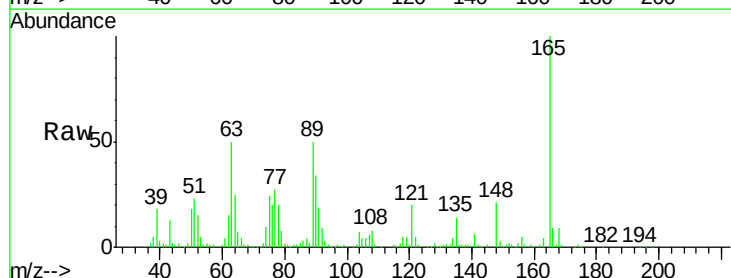
Manual Integrations
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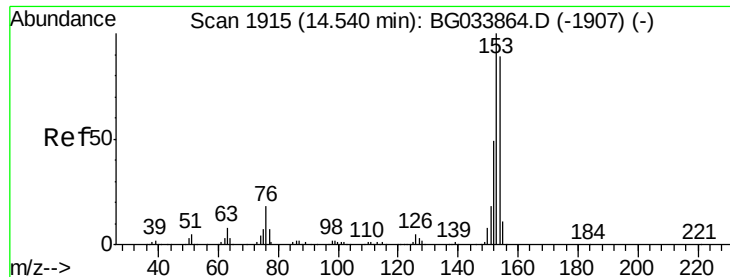
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#50
2,6-Dinitrotoluene
Concen: 43.079 ng
RT: 13.97 min Scan# 1819
Delta R.T. -0.08 min
Lab File: BG034040.D
Acq: 27 Apr 2018 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	126043		
63	49.8		52.7	79.1#
89	50.3		49.2	73.8





#51

Acenaphthene

Concen: 35.424 ng

RT: 14.46 min Scan# 1901

Delta R.T. -0.08 min

Lab File: BG034040.D

Acq: 27 Apr 2018 15:43

Instrument :

BNA_G

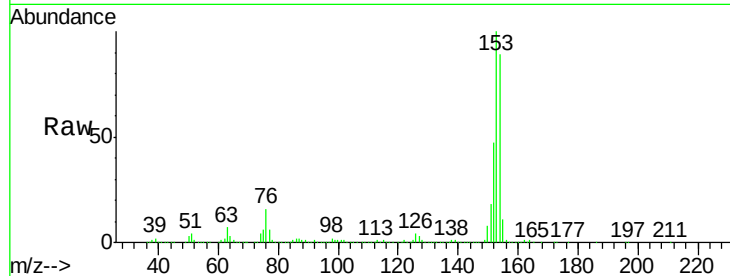
ClientSampleId :

JC-01-042518MS

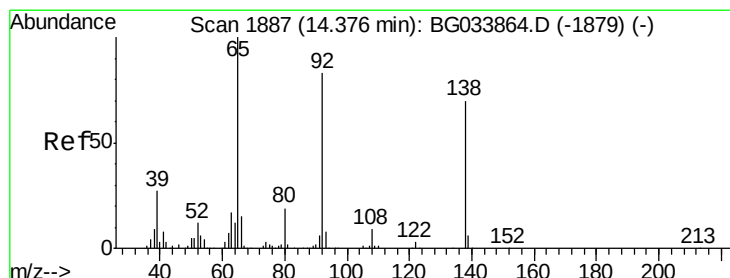
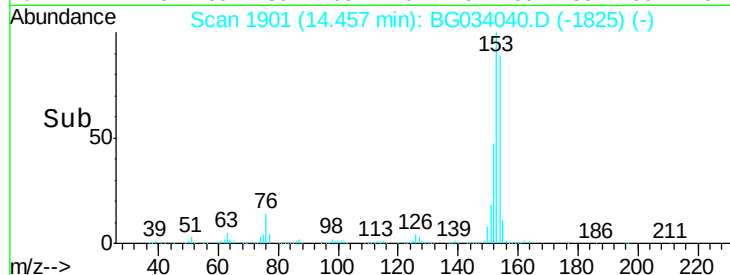
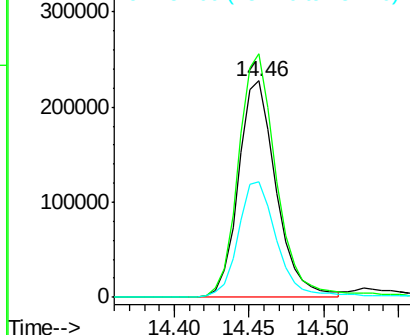
Tot Ion:	154	Resp:	398492
Ion Ratio	Lower	Upper	
154	100		
153	112.5	90.4	135.6
152	53.3	41.6	62.4

Manual Integrations
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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: 5.323 ng

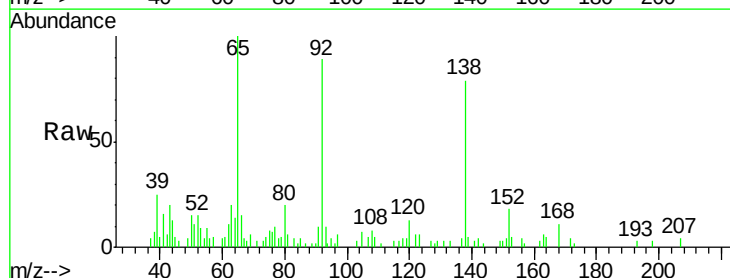
RT: 14.35 min Scan# 1883

Delta R.T. -0.03 min

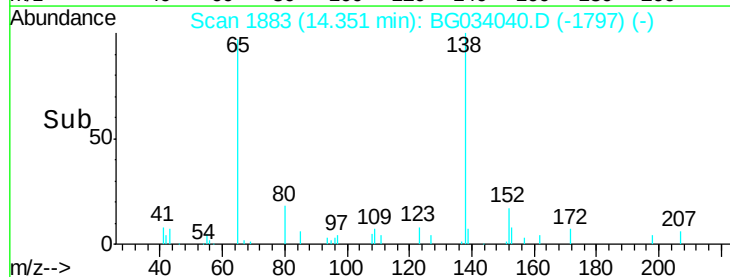
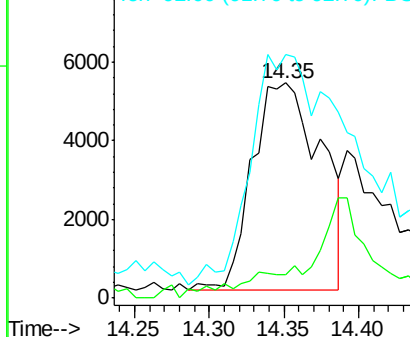
Lab File: BG034040.D

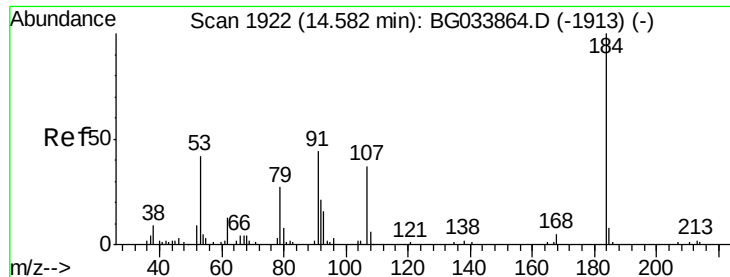
Acq: 27 Apr 2018 15:43

Tgt Ion:	138	Resp:	16910
Ion Ratio	Lower	Upper	
138	100		
108	10.7	17.5	26.3#
92	113.3	105.8	158.8



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





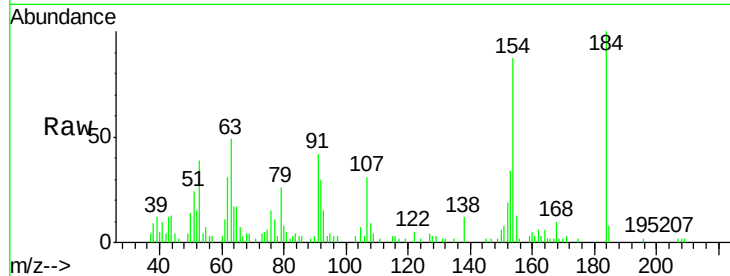
#53
2,4-Dinitrophenol
Concen: 27.733 ng
RT: 14.54 min Scan# 1915
Delta R.T. -0.04 min
Lab File: BG034040.D
Acq: 27 Apr 2018 15:43

Instrument :
BNA_G
ClientSampleId :
JC-01-042518MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	48.7	59.8	89.8#
154	87.4	101.8	152.8#

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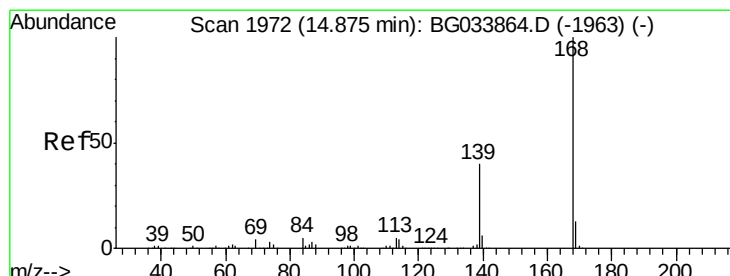
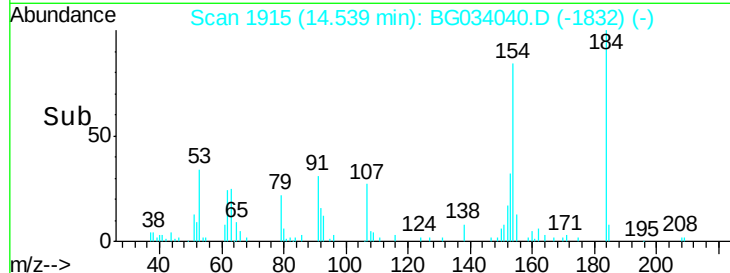
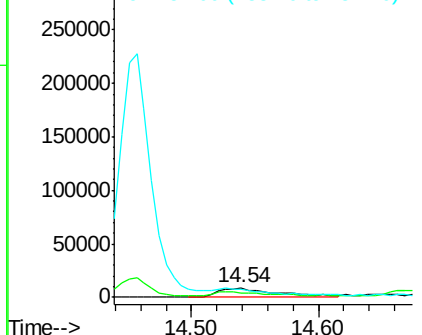


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54
Dibenzofuran
Concen: 39.554 ng
RT: 14.79 min Scan# 1958
Delta R.T. -0.08 min
Lab File: BG034040.D
Acq: 27 Apr 2018 15:43

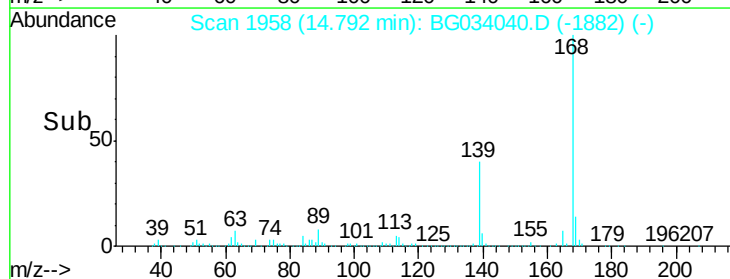
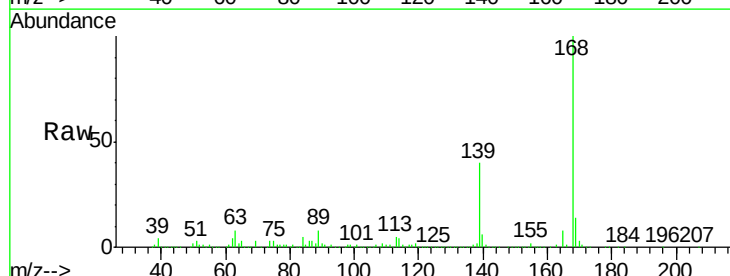
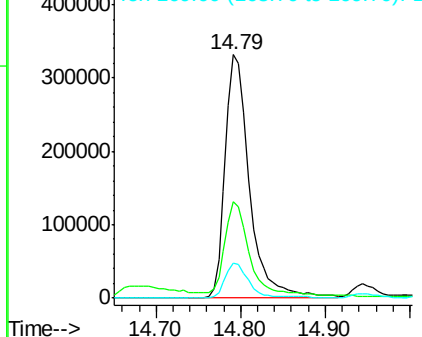
Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.8	28.6	43.0
169	14.3	11.2	16.8

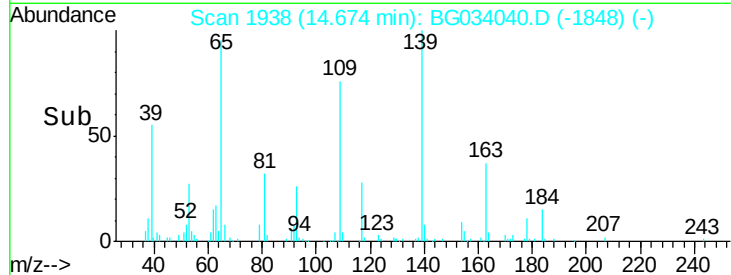
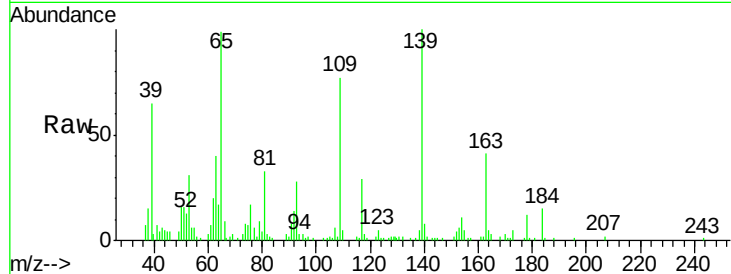
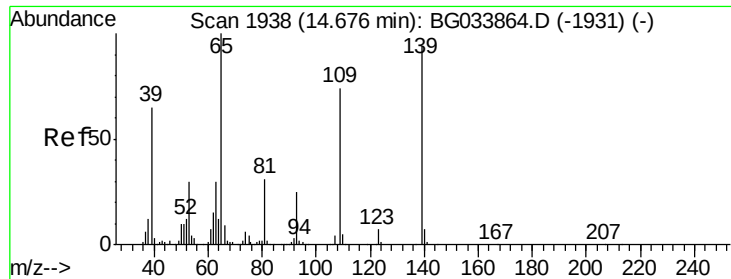
Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





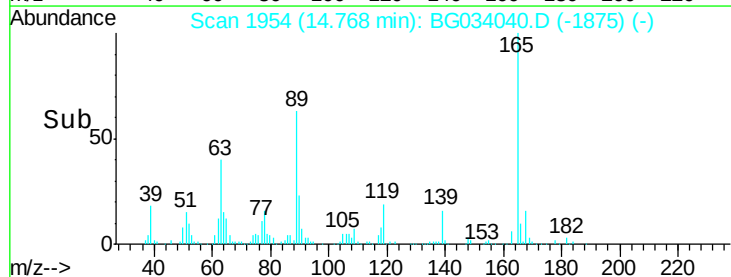
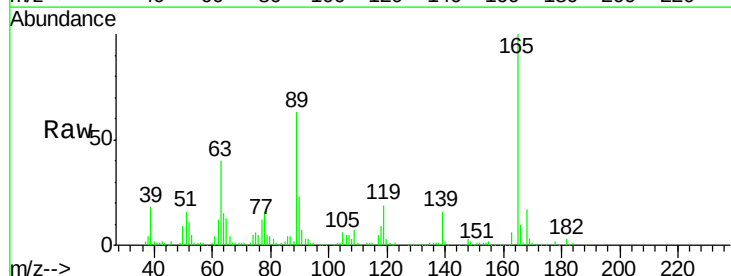
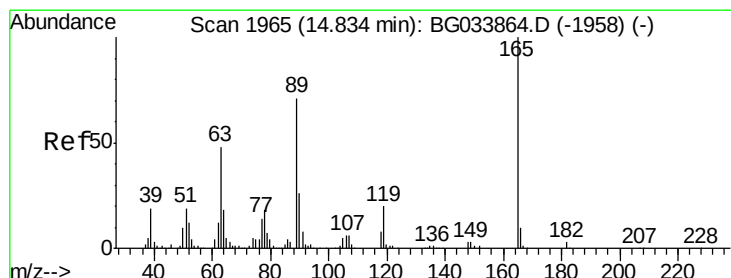
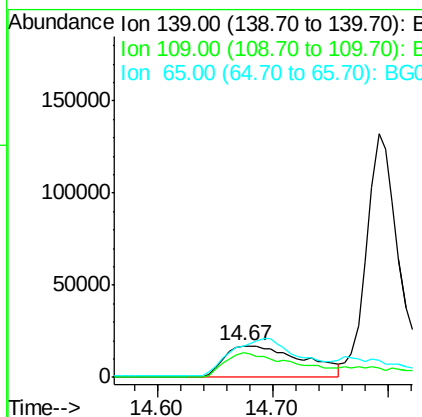
#55
4-Nitrophenol
Concen: 31.130 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BG034040.D
Acq: 27 Apr 2018 15:43

Tot Ion:139 Resp: 77566
Ion Ratio Lower Upper
139 100
109 77.4 62.2 102.2
65 98.8 97.2 137.2

Instrument :
BNA_G
ClientSampleId :
JC-01-042518MS

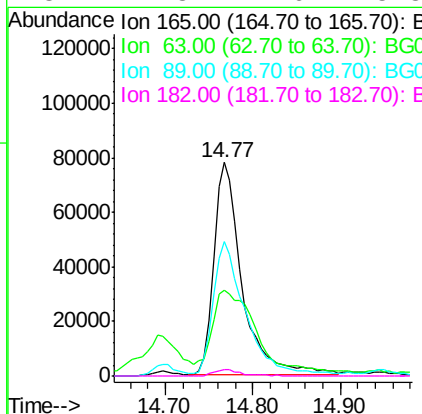
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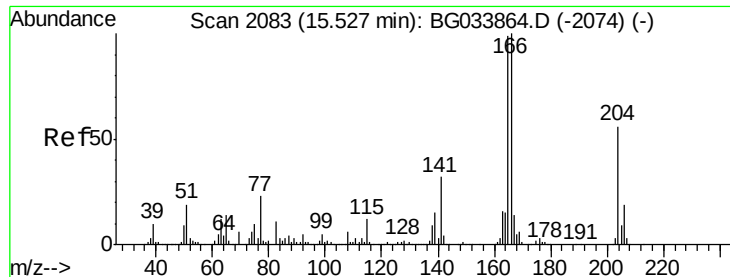
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#56
2,4-Dinitrotoluene
Concen: 44.723 ng
RT: 14.77 min Scan# 1954
Delta R.T. -0.07 min
Lab File: BG034040.D
Acq: 27 Apr 2018 15:43

Tgt Ion:165 Resp: 174006
Ion Ratio Lower Upper
165 100
63 40.3 42.0 63.0#
89 62.9 66.9 100.3#
182 2.8 2.6 3.8





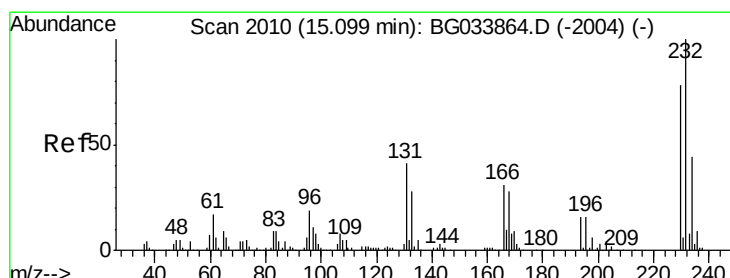
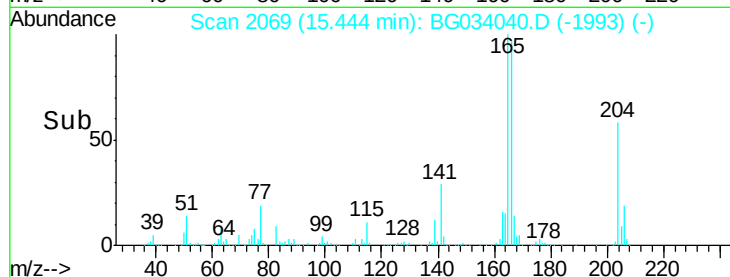
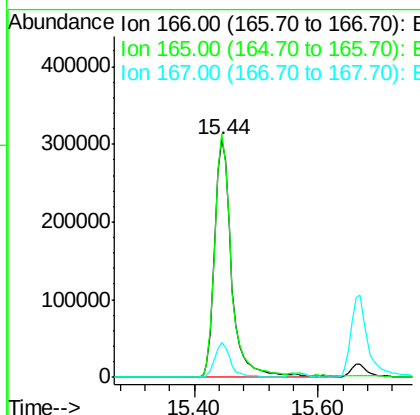
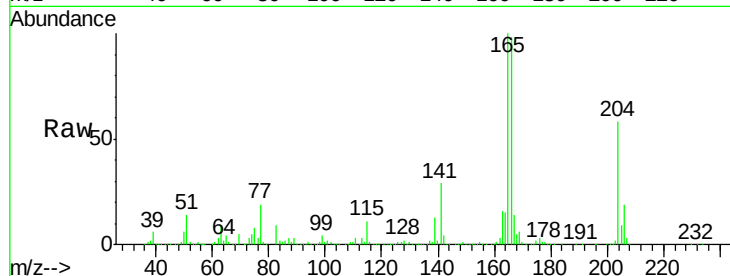
#57
 Fluorene
 Concen: 40.135 ng
 RT: 15.44 min Scan# 2069
 Delta R.T. -0.08 min
 Lab File: BG034040.D
 Acq: 27 Apr 2018 15:43

Instrument :
 BNA_G
 ClientSampleId :
 JC-01-042518MS

Tot Ion	Ratio	Lower	Upper
166	100		
165	102.3	80.6	121.0
167	14.6	10.4	15.6

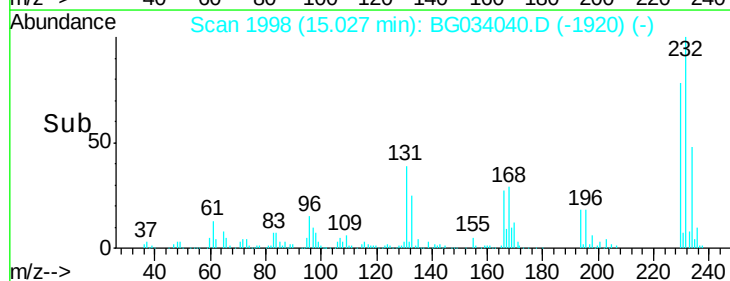
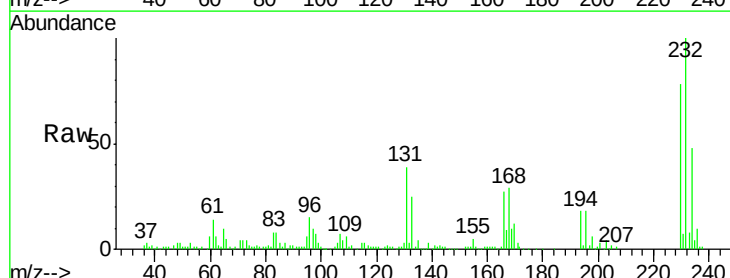
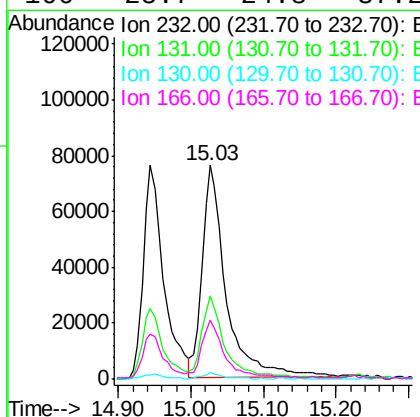
Manual Integrations
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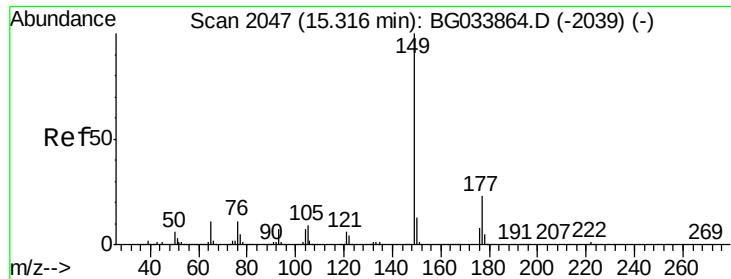
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 4/30/2018 7:02:28 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.137 ng
 RT: 15.03 min Scan# 1998
 Delta R.T. -0.07 min
 Lab File: BG034040.D
 Acq: 27 Apr 2018 15:43

Tgt Ion	Ratio	Lower	Upper
232	100		
131	35.8	33.5	50.3
130	2.5	2.2	3.2
166	25.7	24.8	37.2





#59

Diethylphthalate

Concen: 38.357 ng

RT: 15.23 min Scan# 2032

Delta R.T. -0.09 min

Lab File: BG034040.D

Acq: 27 Apr 2018 15:43

Instrument :

BNA_G

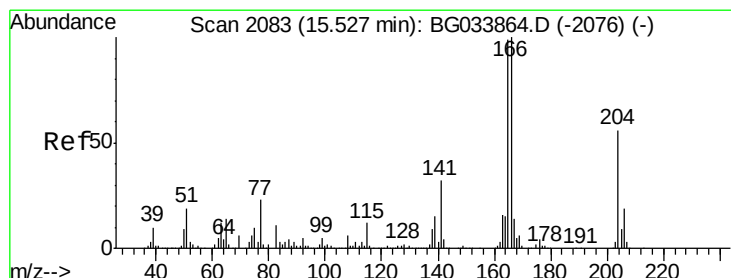
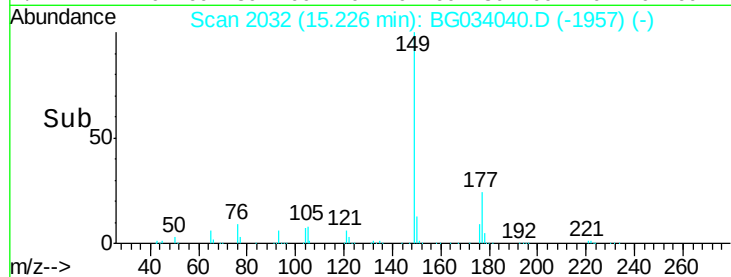
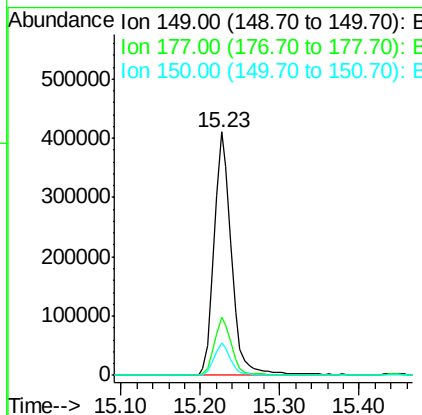
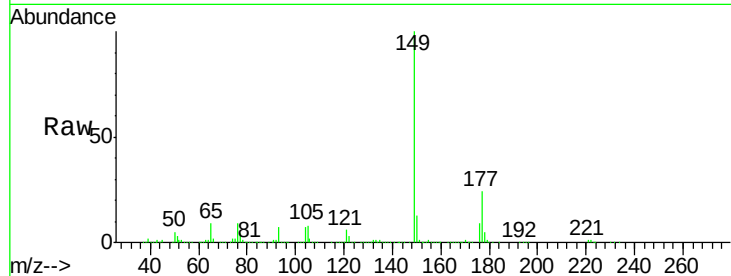
ClientSampleId :

JC-01-042518MS

Tot Ion:	149	Resp:	625961
Ion Ratio		Lower	Upper
149	100		
177	24.0	18.5	27.7
150	13.2	10.2	15.2

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#60

4-Chlorophenyl-phenylether

Concen: 41.341 ng

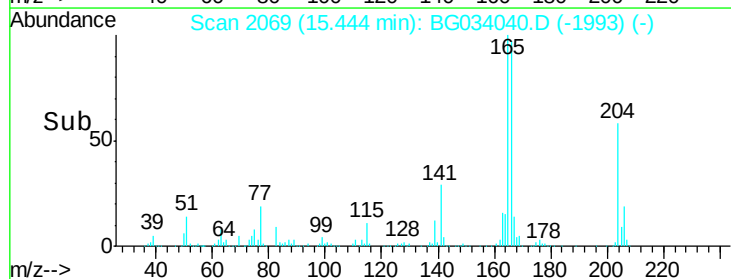
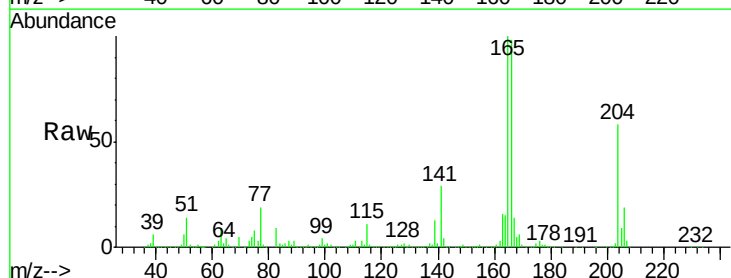
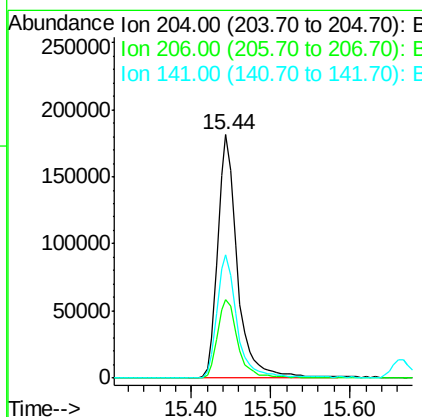
RT: 15.44 min Scan# 2069

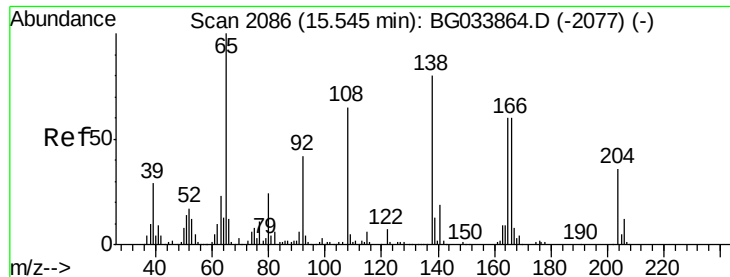
Delta R.T. -0.08 min

Lab File: BG034040.D

Acq: 27 Apr 2018 15:43

Tgt Ion:	204	Resp:	312071
Ion Ratio		Lower	Upper
204	100		
206	32.5	26.2	39.2
141	50.7	45.8	68.6





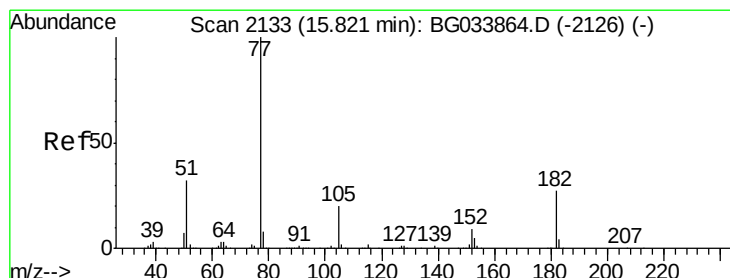
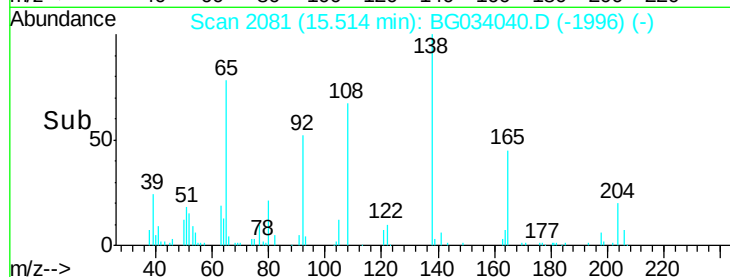
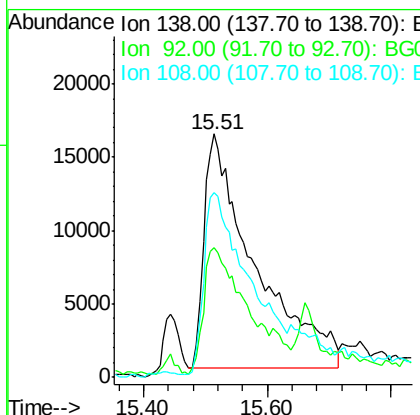
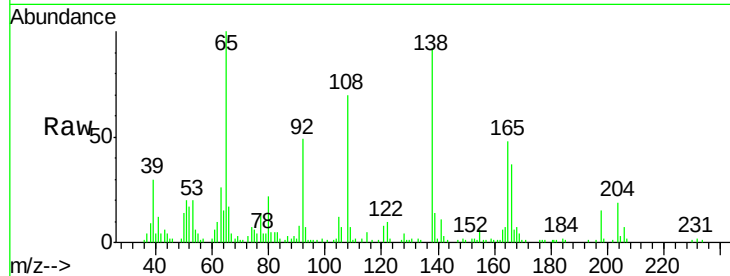
#61
4-Nitroaniline
Concen: 26.761 ng
RT: 15.51 min Scan# 2081
Delta R.T. -0.03 min
Lab File: BG034040.D
Acq: 27 Apr 2018 15:43

Instrument :
BNA_G
ClientSampleId :
JC-01-042518MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.4	40.1	80.1
108	76.0	65.4	105.4

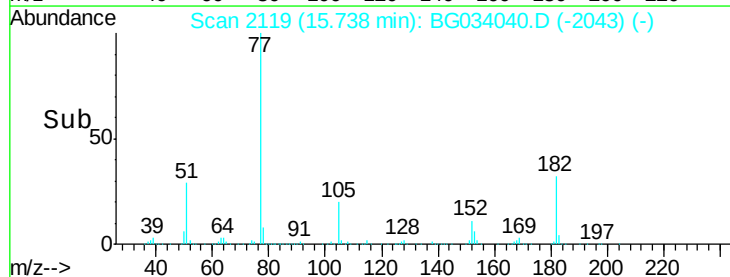
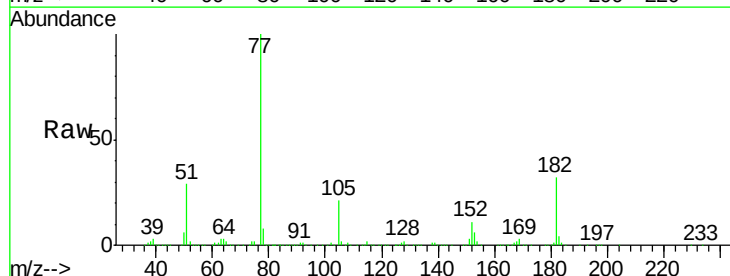
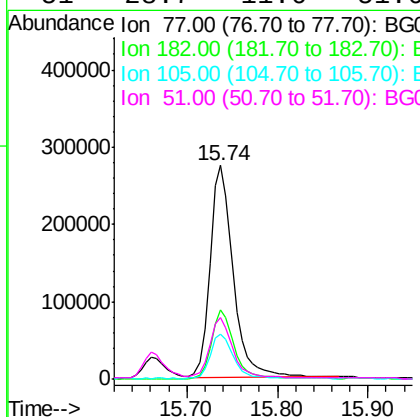
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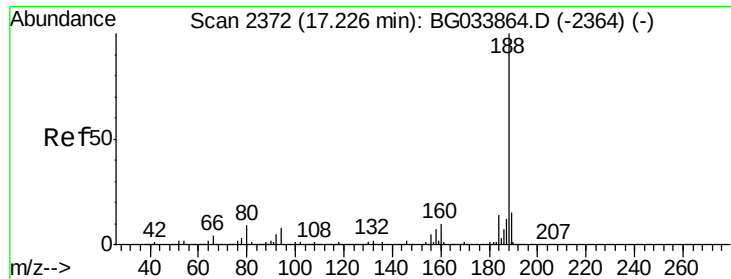
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#62
Azobenzene
Concen: 33.435 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.08 min
Lab File: BG034040.D
Acq: 27 Apr 2018 15:43

Tgt Ion	Ratio	Lower	Upper
77	100		
182	32.2	7.4	47.4
105	20.7	0.3	40.3
51	28.7	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.14 min Scan# 2358

Delta R.T. -0.08 min

Lab File: BG034040.D

Acq: 27 Apr 2018 15:43

Instrument :

BNA_G

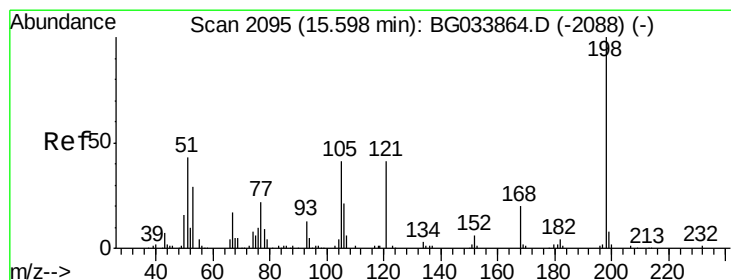
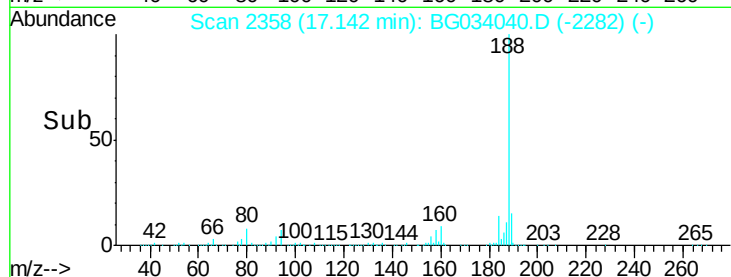
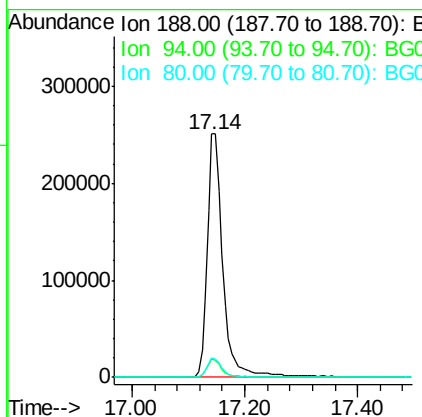
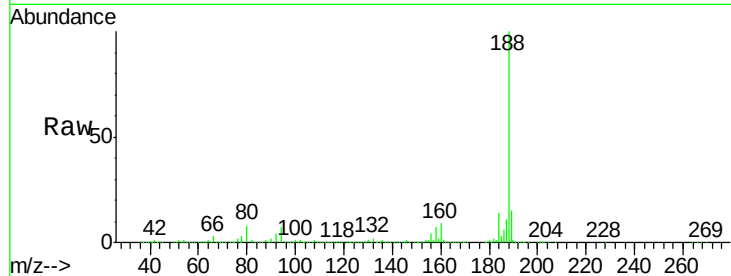
ClientSampleId :

JC-01-042518MS

Tot Ion:188	Resp:	479236
Ion Ratio	Lower	Upper
188 100		
94 7.3	6.9	10.3
80 8.1	7.7	11.5

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#64

4,6-Dinitro-2-methylphenol

Concen: 25.499 ng

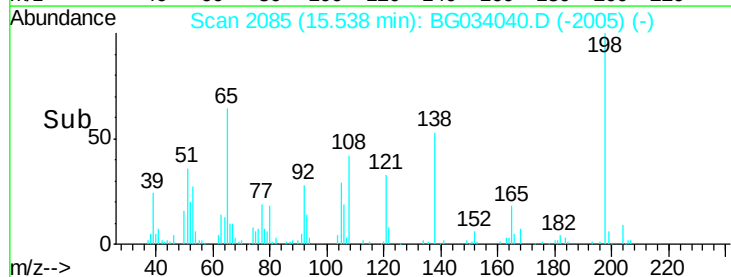
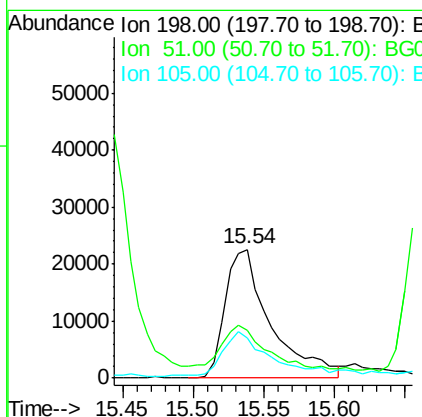
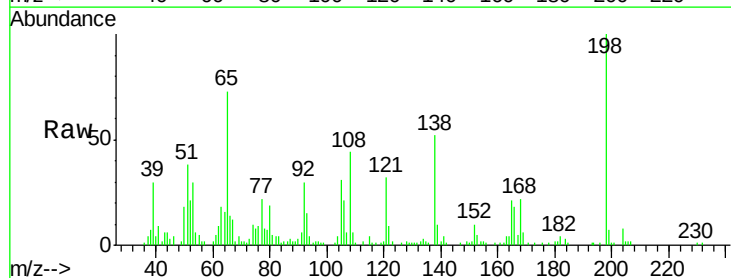
RT: 15.54 min Scan# 2085

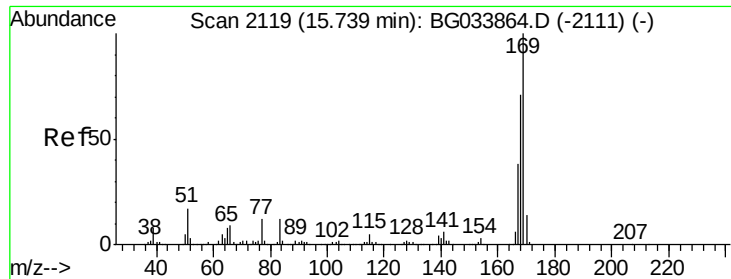
Delta R.T. -0.06 min

Lab File: BG034040.D

Acq: 27 Apr 2018 15:43

Tgt Ion:198	Resp:	50725
Ion Ratio	Lower	Upper
198 100		
51 37.6	30.6	70.6
105 30.7	23.8	63.8





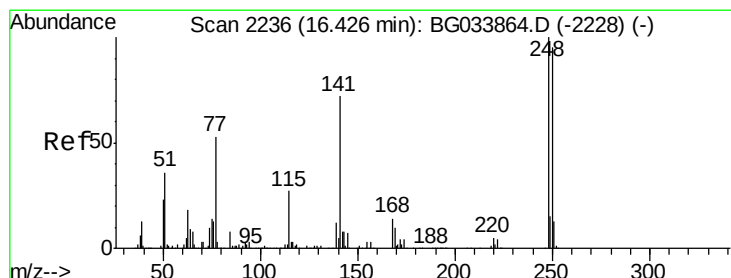
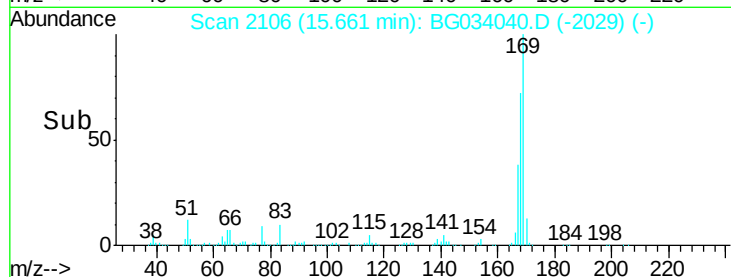
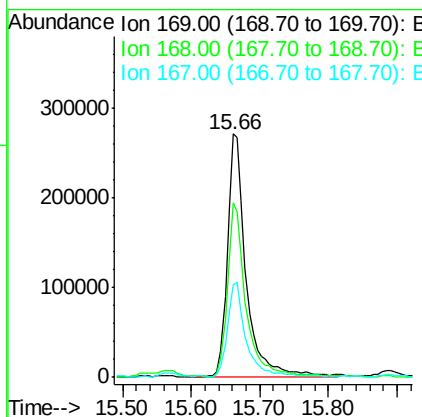
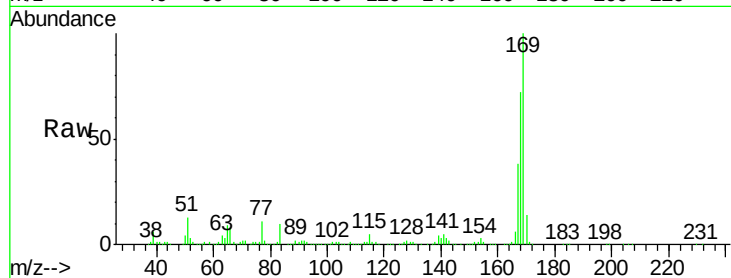
#65
 n-Nitrosodiphenylamine
 Concen: 37.102 ng
 RT: 15.66 min Scan# 2106
 Delta R.T. -0.08 min
 Lab File: BG034040.D
 Acq: 27 Apr 2018 15:43

Instrument :
 BNA_G
 ClientSampleId :
 JC-01-042518MS

Tot Ion	Ratio	Lower	Upper
169	100		
168	71.9	55.7	83.5
167	37.9	30.1	45.1

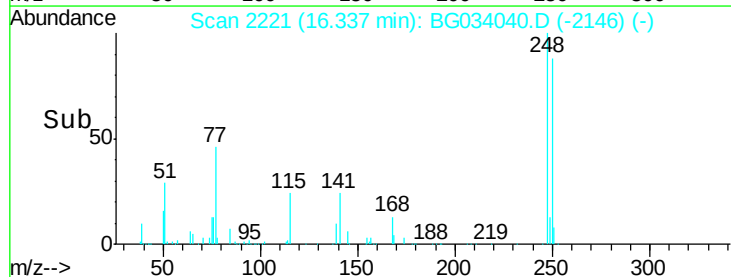
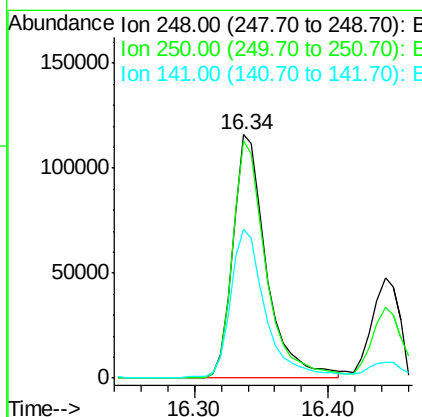
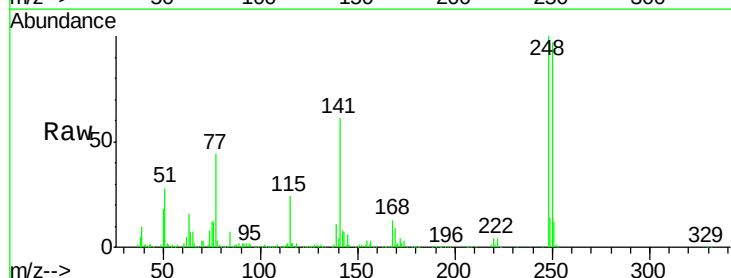
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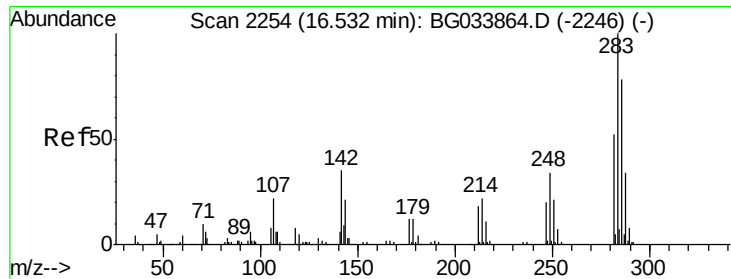
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#66
 4-Bromophenyl-phenylether
 Concen: 38.341 ng
 RT: 16.34 min Scan# 2221
 Delta R.T. -0.09 min
 Lab File: BG034040.D
 Acq: 27 Apr 2018 15:43

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.1	115.7
141	61.2	50.8	76.2





#67

Hexachlorobenzene

Concen: 39.087 ng

RT: 16.44 min Scan# 2239

Delta R.T. -0.09 min

Lab File: BG034040.D

Acq: 27 Apr 2018 15:43

Instrument :

BNA_G

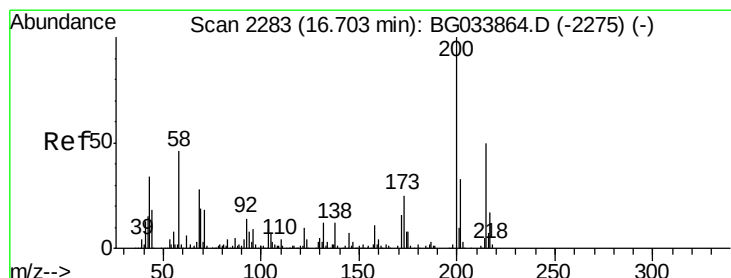
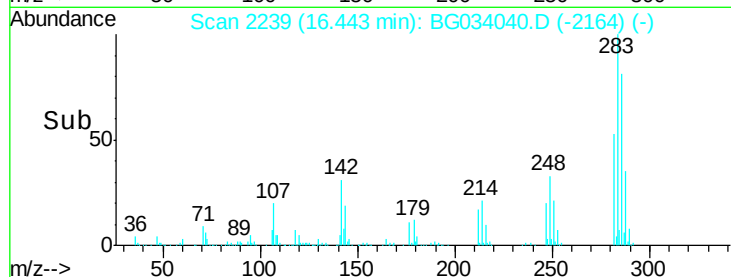
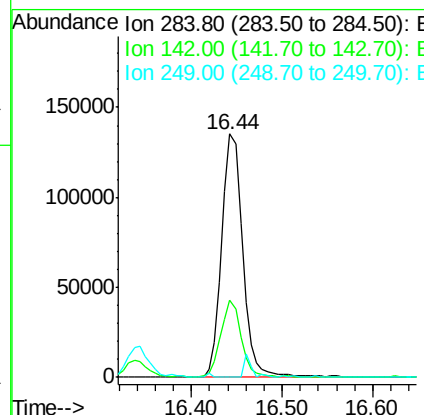
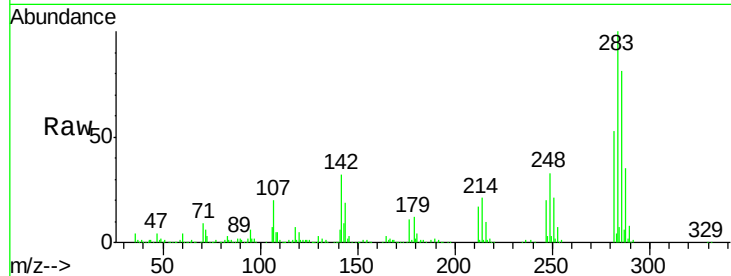
ClientSampleId :

JC-01-042518MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	31.6	26.8	40.2	
249	3.4	26.3	39.5	

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#68

Atrazine

Concen: 40.175 ng

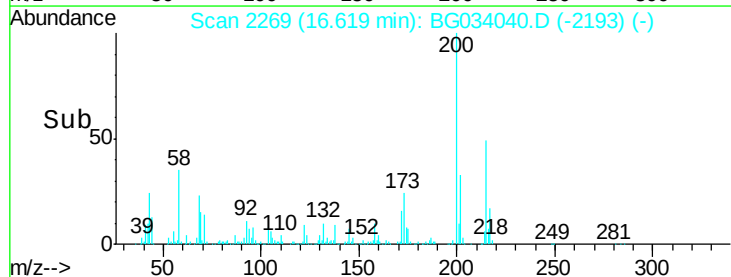
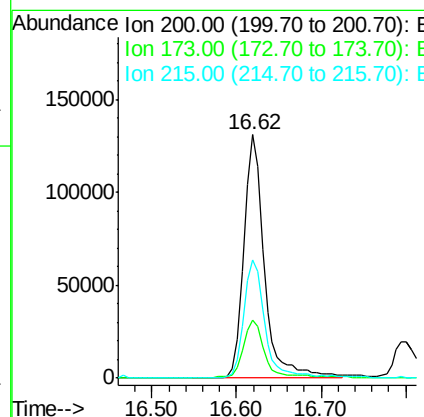
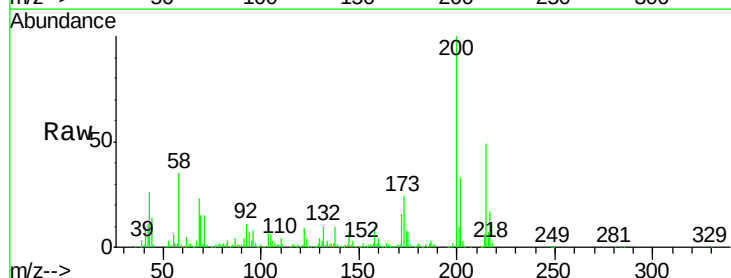
RT: 16.62 min Scan# 2269

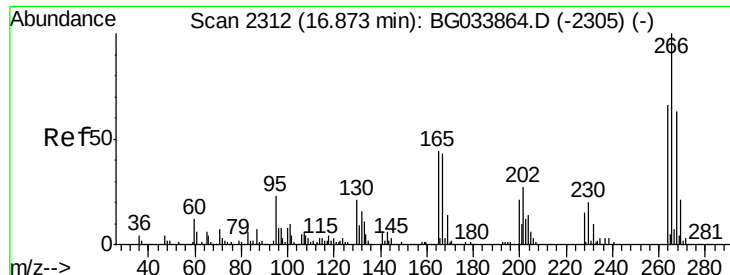
Delta R.T. -0.08 min

Lab File: BG034040.D

Acq: 27 Apr 2018 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	23.8	5.2	45.2	
215	48.7	30.4	70.4	





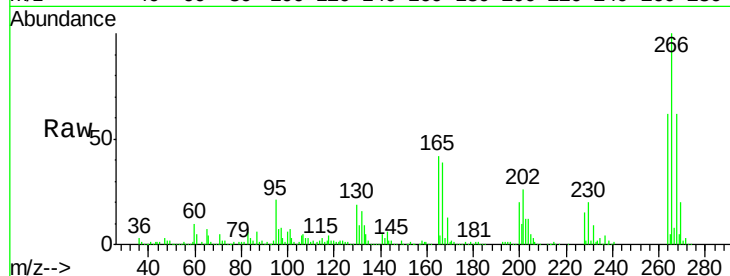
#69
 Pentachlorophenol
 Concen: 54.949 ng
 RT: 16.80 min Scan# 2299
 Delta R.T. -0.08 min
 Lab File: BG034040.D
 Acq: 27 Apr 2018 15:43

Instrument :
 BNA_G
 ClientSampleId :
 JC-01-042518MS

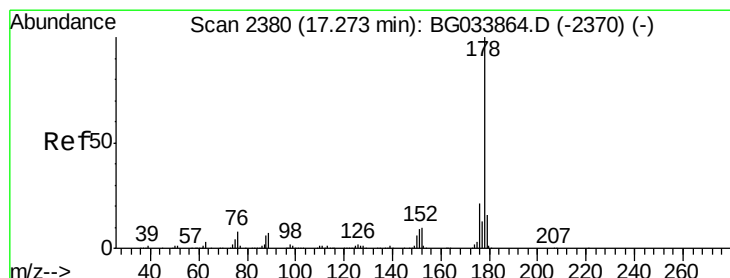
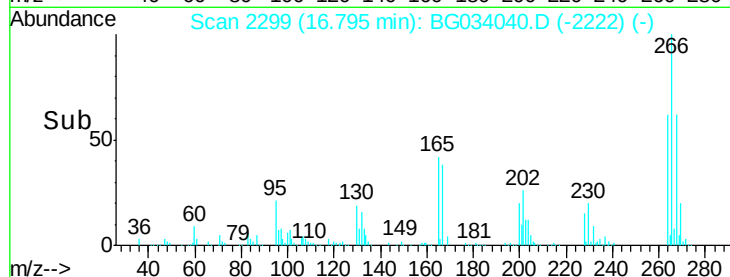
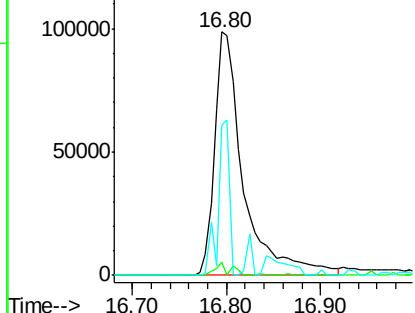
Tot Ion	Ratio	Resp	Lower	Upper
266	100	211848		
268	5.4	51.1	76.7#	
264	67.0	49.6	74.4	

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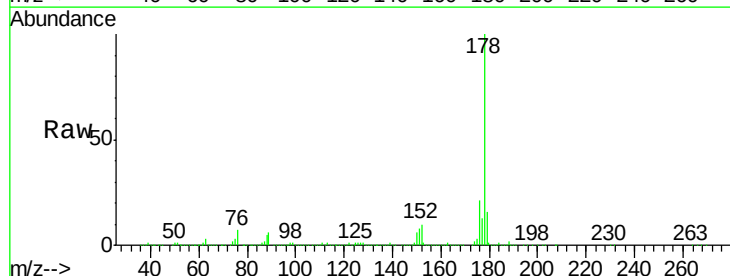


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

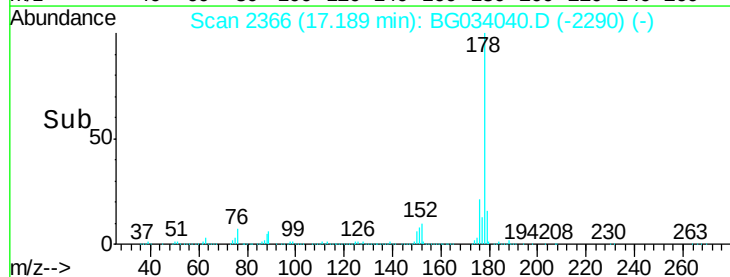
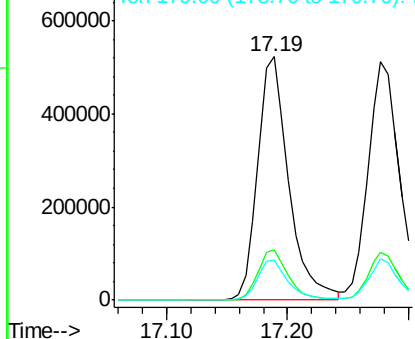


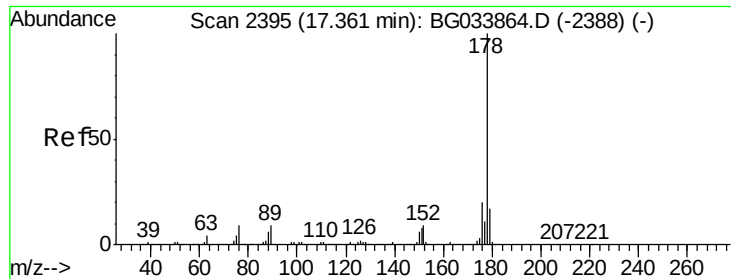
#70
 Phenanthrene
 Concen: 36.432 ng
 RT: 17.19 min Scan# 2366
 Delta R.T. -0.08 min
 Lab File: BG034040.D
 Acq: 27 Apr 2018 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	936649		
176	20.7	15.7	23.5	
179	16.4	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





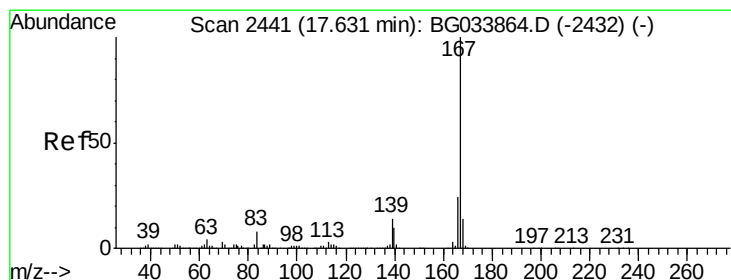
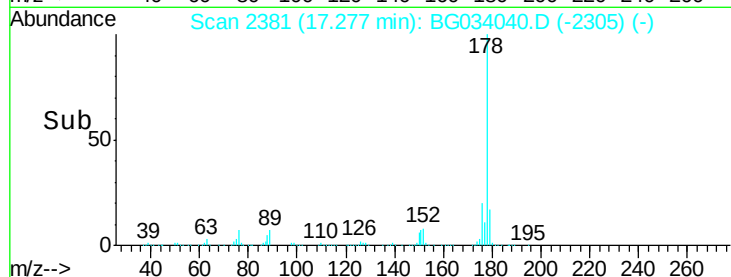
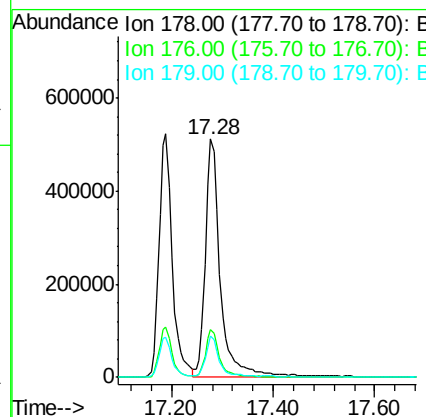
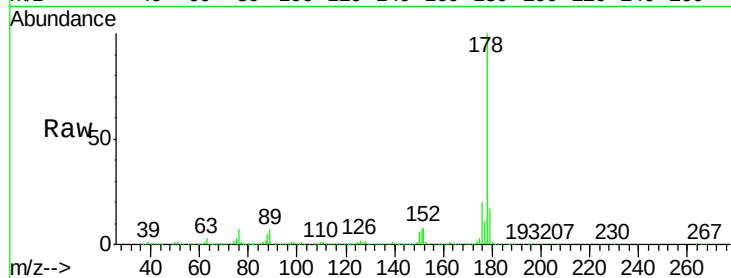
#71
 Anthracene
 Concen: 40.687 ng
 RT: 17.28 min Scan# 2381
 Delta R.T. -0.08 min
 Lab File: BG034040.D
 Acq: 27 Apr 2018 15:43

Instrument :
 BNA_G
 ClientSampleId :
 JC-01-042518MS

Tot Ion:178 Resp: 1046066
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.0 24.0
 179 17.1 12.5 18.7

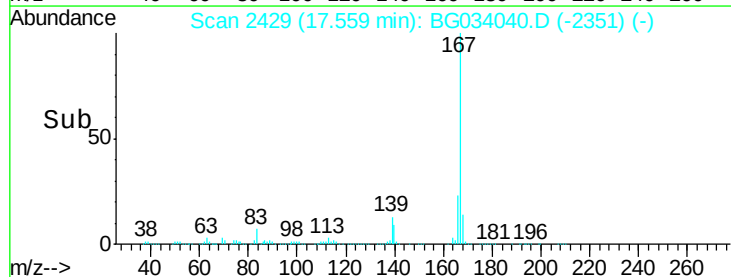
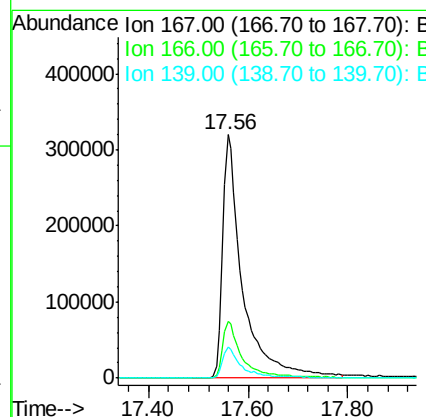
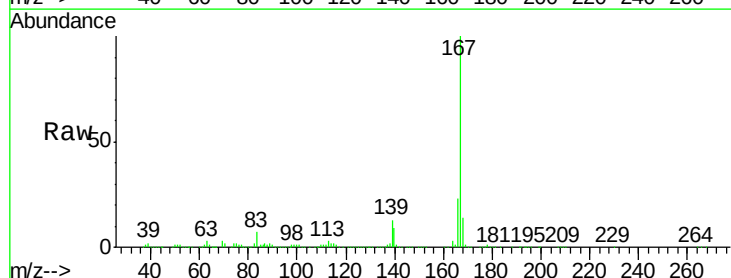
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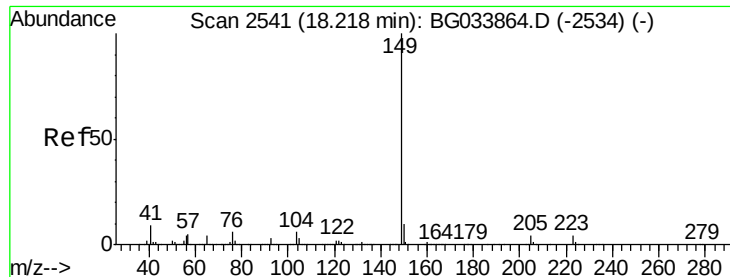
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#72
 Carbazole
 Concen: 35.867 ng
 RT: 17.56 min Scan# 2429
 Delta R.T. -0.07 min
 Lab File: BG034040.D
 Acq: 27 Apr 2018 15:43

Tgt Ion:167 Resp: 889635
 Ion Ratio Lower Upper
 167 100
 166 23.4 18.2 27.4
 139 13.0 9.4 14.2





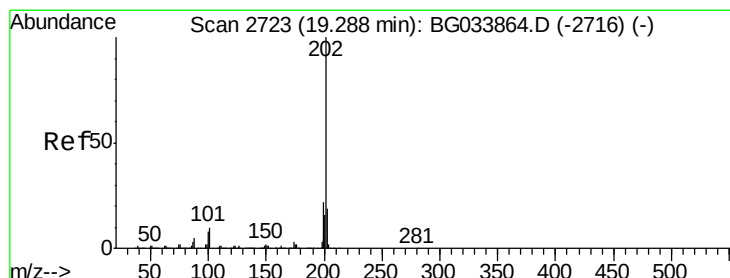
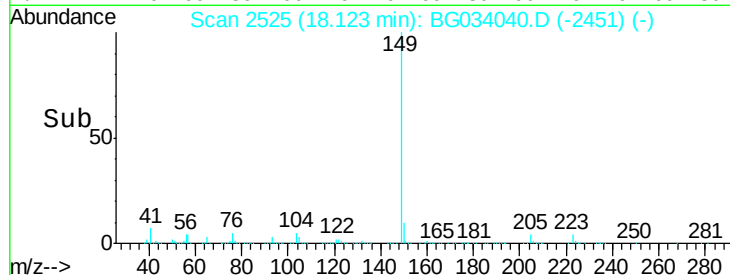
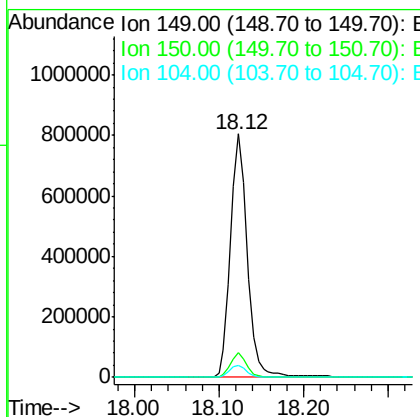
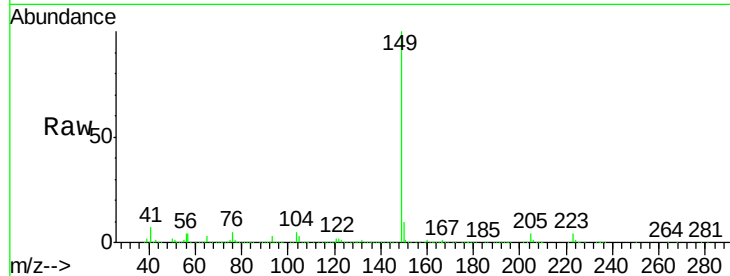
#73
Di-n-butylphthalate
Concen: 35.855 ng
RT: 18.12 min Scan# 2525
Delta R.T. -0.10 min
Lab File: BG034040.D
Acq: 27 Apr 2018 15:43

Instrument :
BNA_G
ClientSampleId :
JC-01-042518MS

Tot Ion:149 Resp: 1106369
Ion Ratio Lower Upper
149 100
150 10.4 7.8 11.6
104 4.8 3.9 5.9

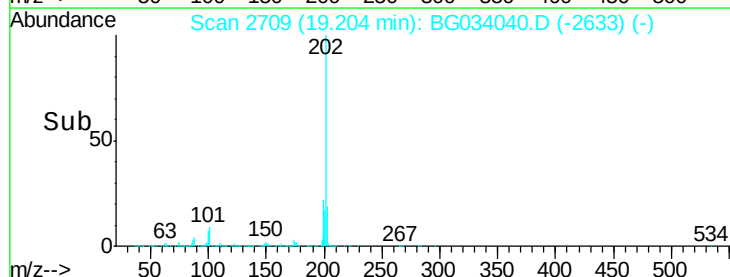
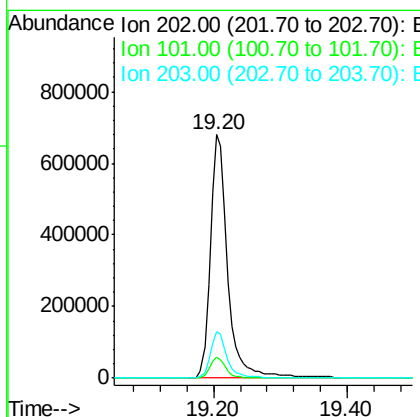
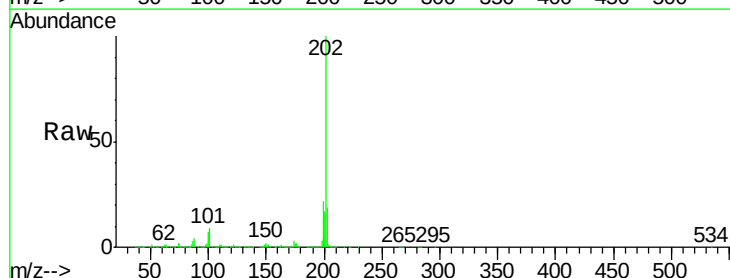
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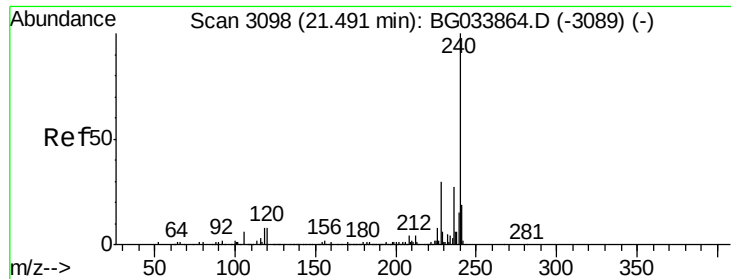
Sohil
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#74
Fluoranthene
Concen: 39.398 ng
RT: 19.20 min Scan# 2709
Delta R.T. -0.08 min
Lab File: BG034040.D
Acq: 27 Apr 2018 15:43

Tgt Ion:202 Resp: 1225237
Ion Ratio Lower Upper
202 100
101 8.7 0.0 28.9
203 19.3 0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.39 min Scan# 3081

Delta R.T. -0.10 min

Lab File: BG034040.D

Acq: 27 Apr 2018 15:43

Instrument :

BNA_G

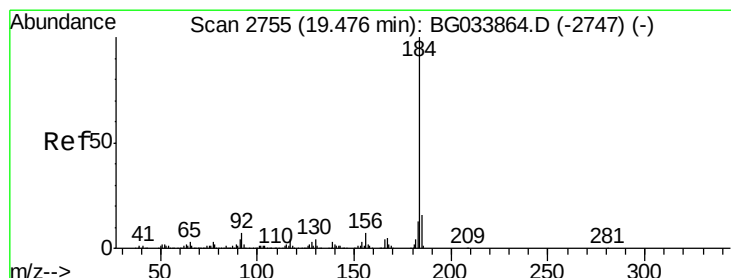
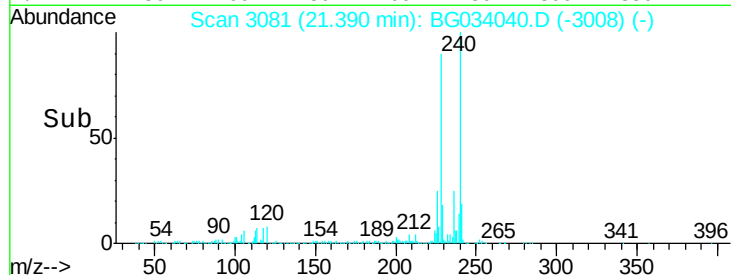
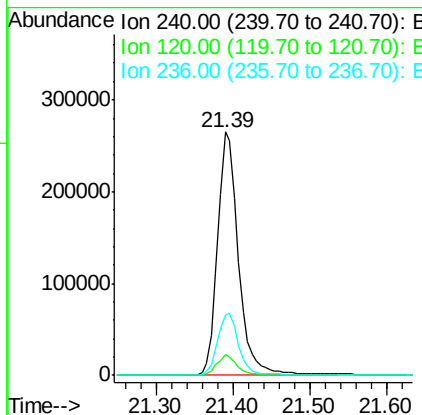
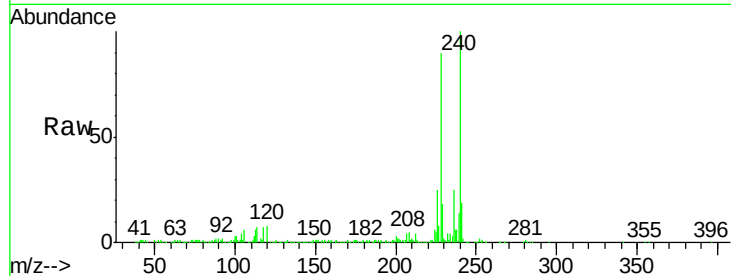
ClientSampleId :

JC-01-042518MS

Tot Ion:	240	Resp:	497610
Ion Ratio	Lower	Upper	
240	100		
120	8.3	6.8	10.2
236	25.0	20.9	31.3

Manual Integrations
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#76

Benzidine

Concen: 11.981 ng

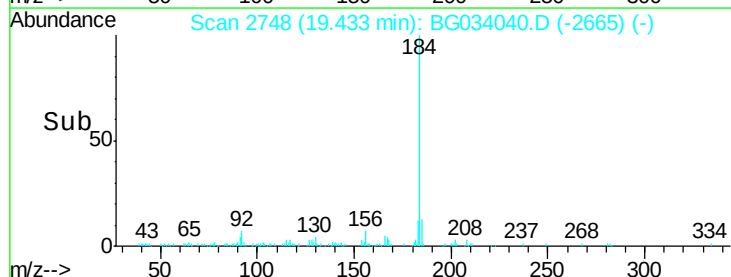
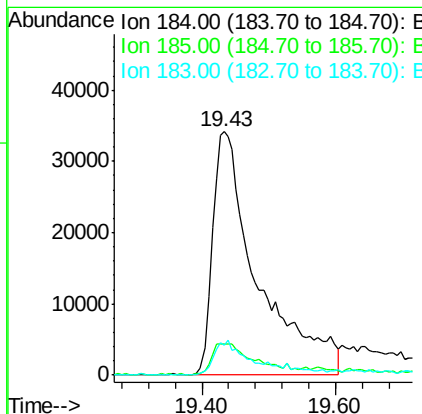
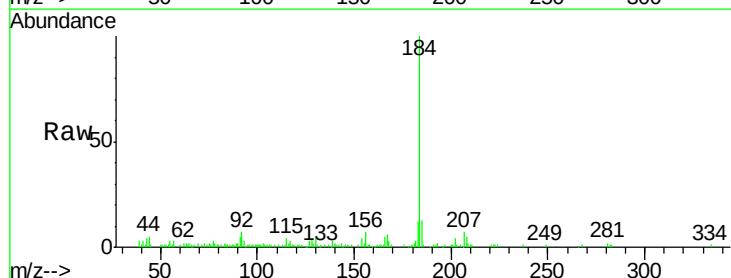
RT: 19.43 min Scan# 2748

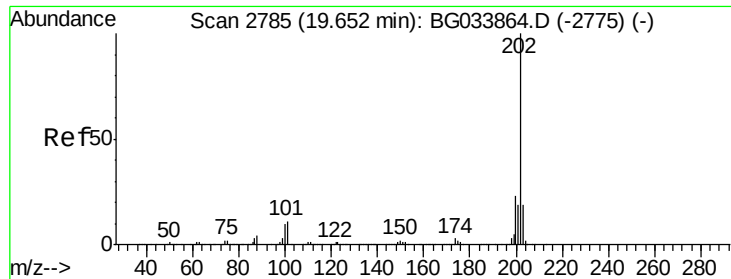
Delta R.T. -0.04 min

Lab File: BG034040.D

Acq: 27 Apr 2018 15:43

Tgt Ion:	184	Resp:	160993
Ion Ratio	Lower	Upper	
184	100		
185	12.8	11.1	16.7
183	12.2	10.6	16.0





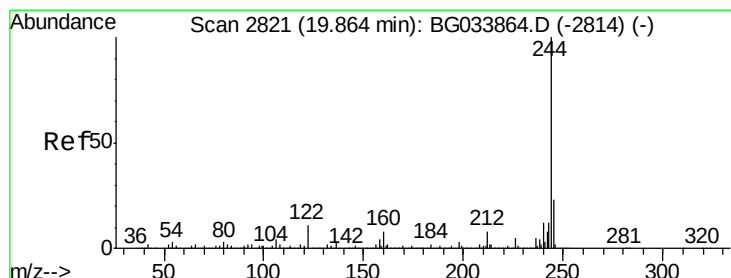
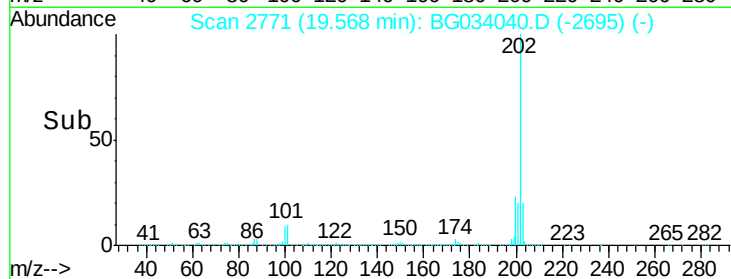
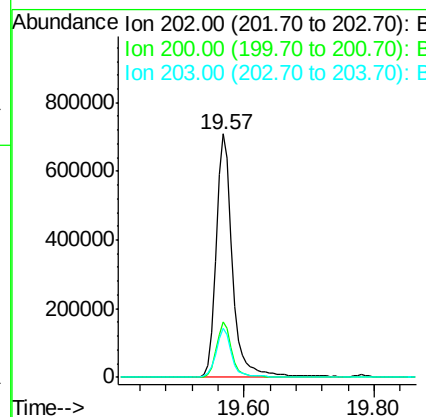
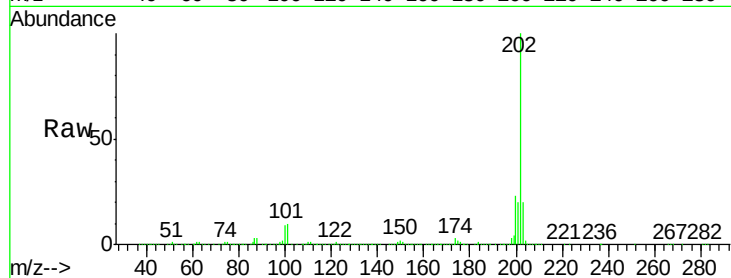
#77
Pvrene
Concen: 37.422 ng
RT: 19.57 min Scan# 2771
Delta R.T. -0.08 min
Lab File: BG034040.D
Acq: 27 Apr 2018 15:43

Instrument :
BNA_G
ClientSampleId :
JC-01-042518MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.9	16.9	25.3
203	20.0	13.9	20.9

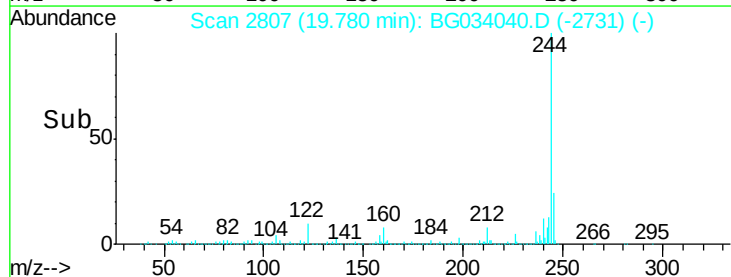
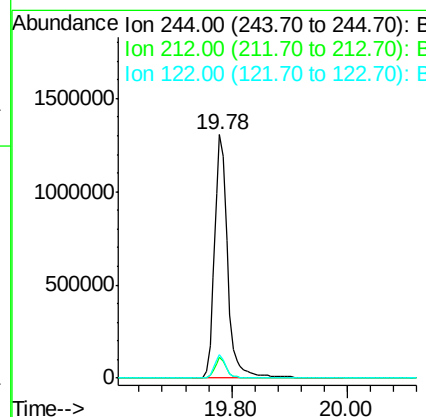
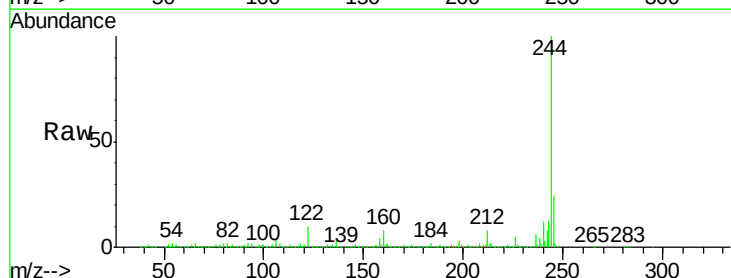
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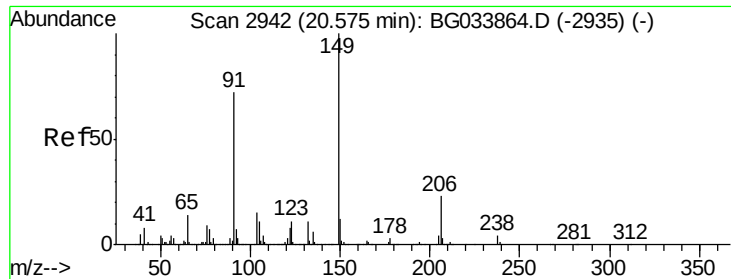
Sohil
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#78
Terphenyl-d14
Concen: 94.340 ng
RT: 19.78 min Scan# 2807
Delta R.T. -0.08 min
Lab File: BG034040.D
Acq: 27 Apr 2018 15:43

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.8
122	9.7	7.0	10.4





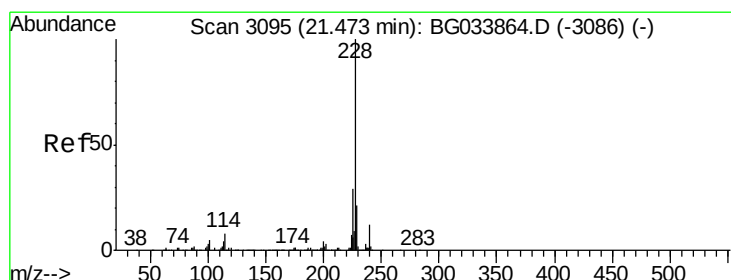
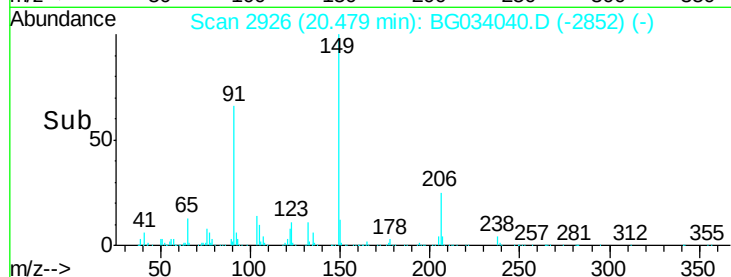
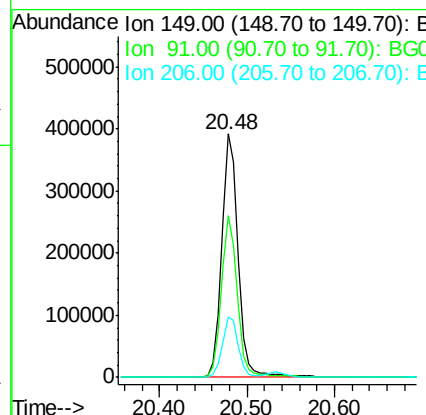
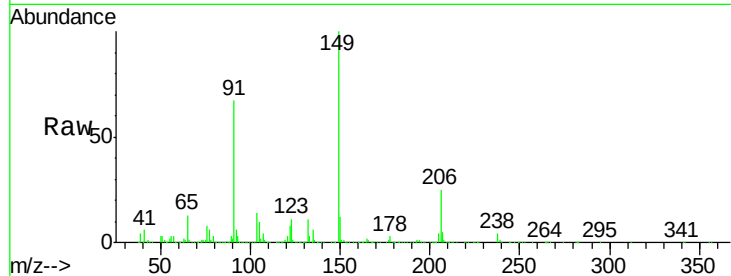
#79
Butylbenzylphthalate
Concen: 35.705 ng
RT: 20.48 min Scan# 2926
Delta R.T. -0.10 min
Lab File: BG034040.D
Acq: 27 Apr 2018 15:43

Instrument :
BNA_G
ClientSampleId :
JC-01-042518MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	66.6	62.2	93.2
206	25.0	18.6	27.8

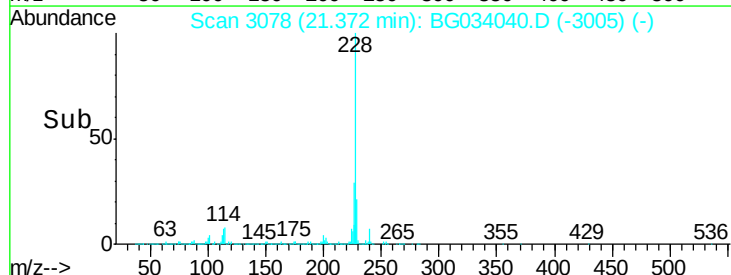
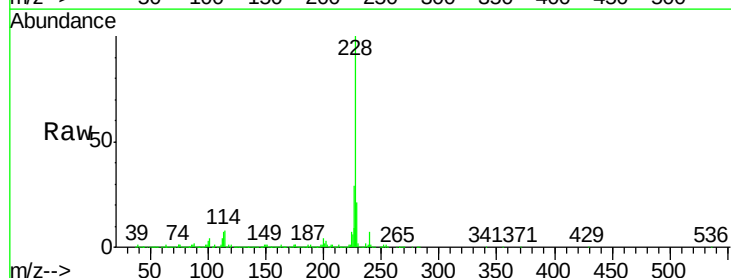
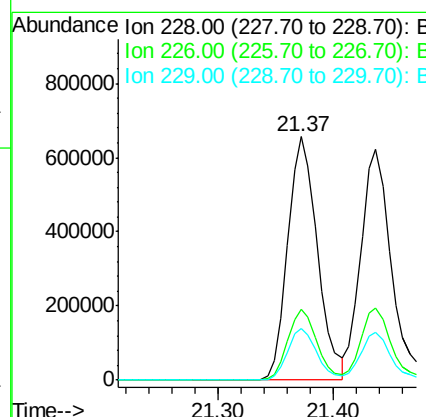
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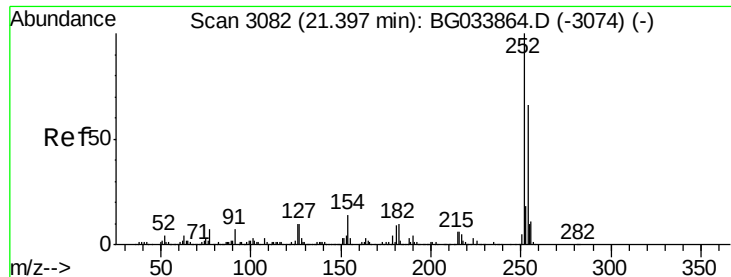
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#80
Benzo(a)anthracene
Concen: 37.224 ng
RT: 21.37 min Scan# 3078
Delta R.T. -0.10 min
Lab File: BG034040.D
Acq: 27 Apr 2018 15:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.7	34.1
229	21.3	16.2	24.2





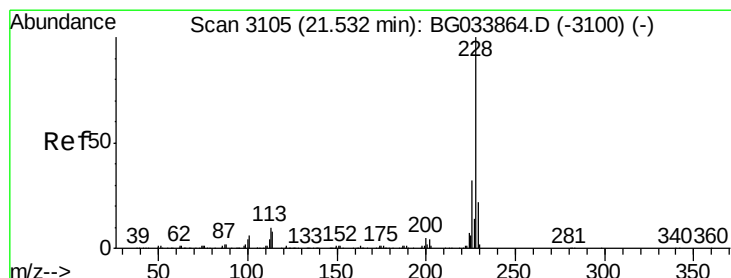
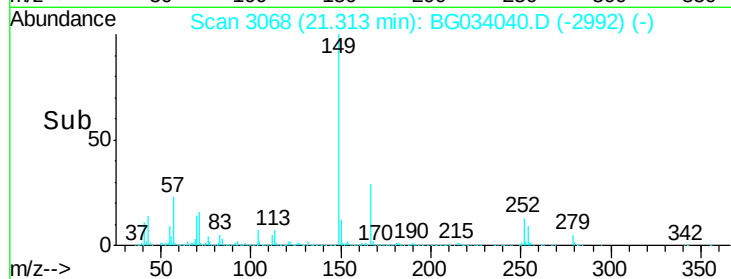
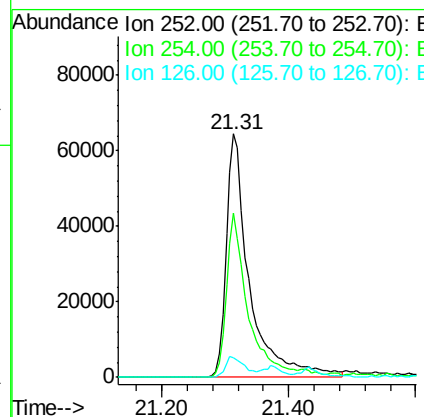
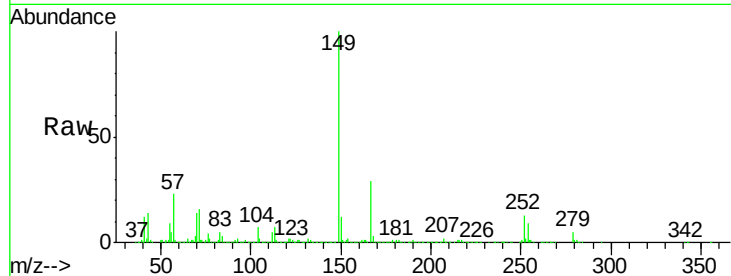
#81
 3,3'-Dichlorobenzidine
 Concen: 14.128 ng
 RT: 21.31 min Scan# 3068
 Delta R.T. -0.08 min
 Lab File: BG034040.D
 Acq: 27 Apr 2018 15:43

Instrument :
 BNA_G
 ClientSampleId :
 JC-01-042518MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	67.3	50.8	76.2
126	8.2	7.4	11.2

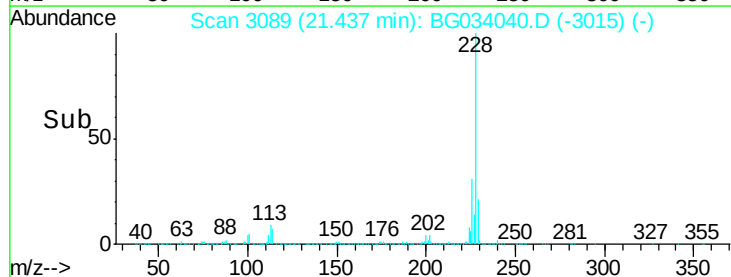
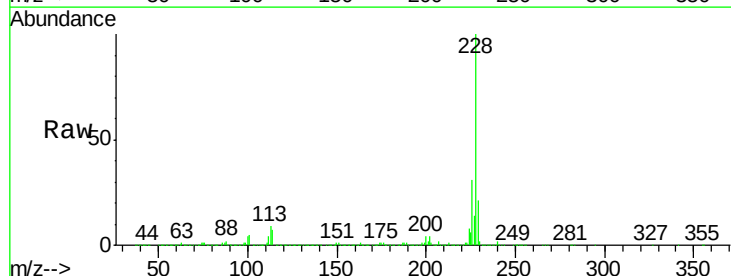
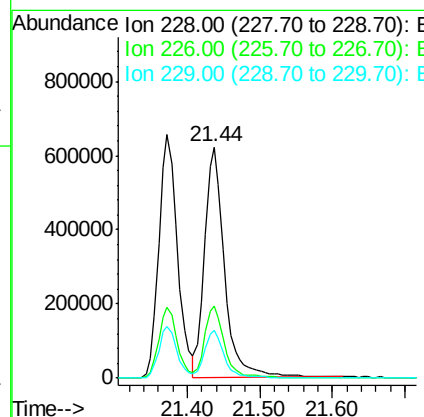
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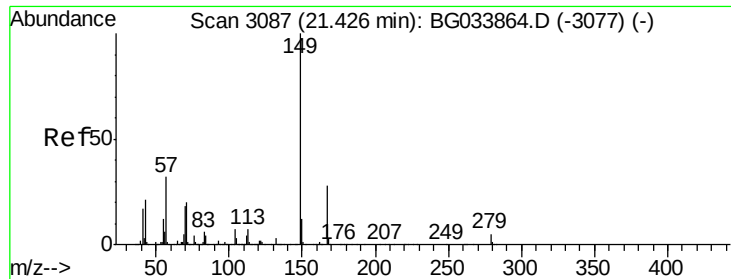
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#82
 Chrysene
 Concen: 39.585 ng
 RT: 21.44 min Scan# 3089
 Delta R.T. -0.10 min
 Lab File: BG034040.D
 Acq: 27 Apr 2018 15:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.9	37.3
229	20.7	15.0	22.4





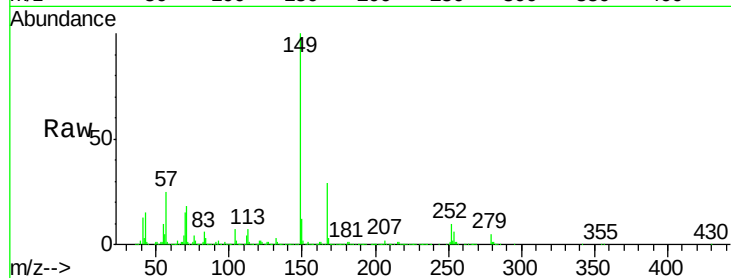
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.548 ng
 RT: 21.31 min Scan# 3067
 Delta R.T. -0.12 min
 Lab File: BG034040.D
 Acq: 27 Apr 2018 15:43

Instrument :
 BNA_G
 ClientSampleId :
 JC-01-042518MS

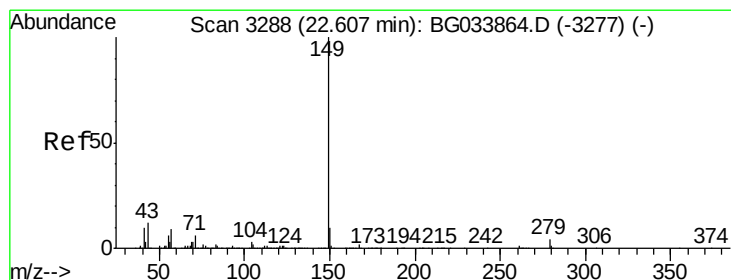
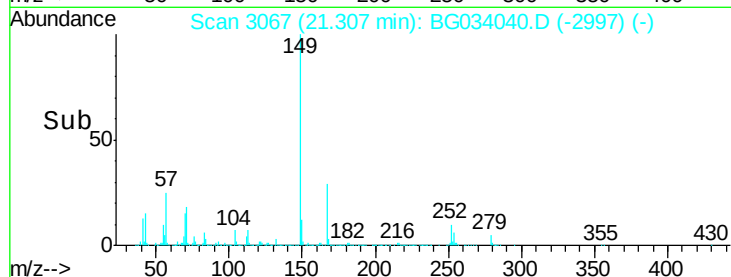
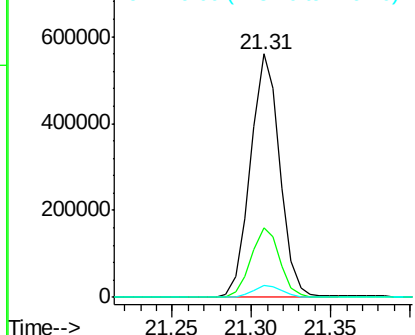
Tot Ion	Ratio	Lower	Upper
149	100		
167	28.6	24.3	36.5
279	4.7	4.0	6.0

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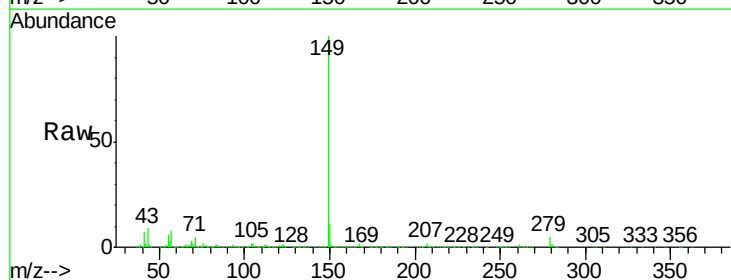


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

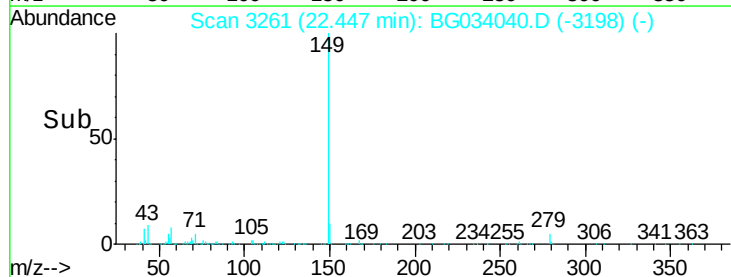
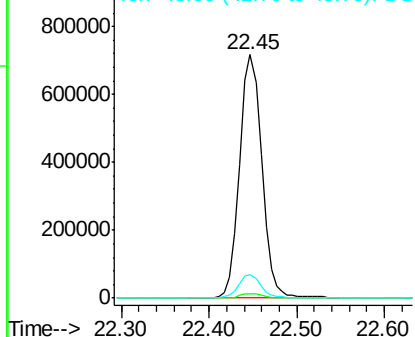


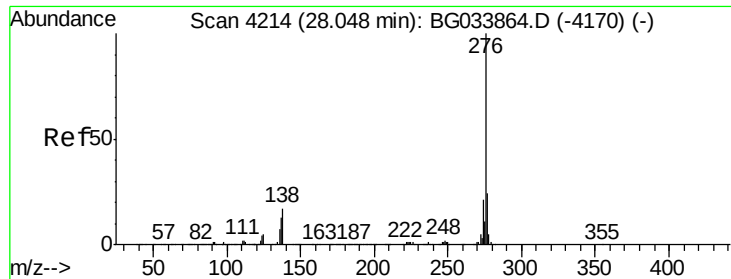
#84
 Di-n-octyl phthalate
 Concen: 38.119 ng
 RT: 22.45 min Scan# 3261
 Delta R.T. -0.16 min
 Lab File: BG034040.D
 Acq: 27 Apr 2018 15:43

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	9.1	8.9	13.3



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BG





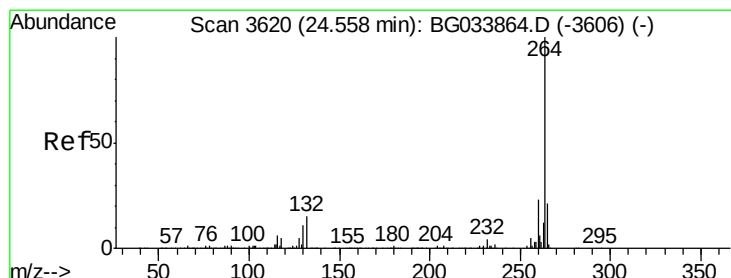
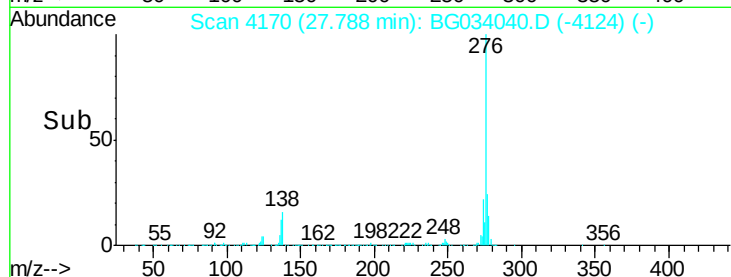
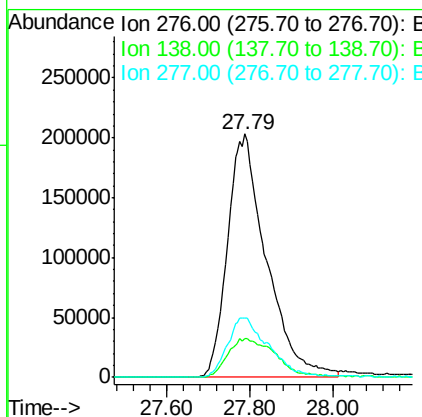
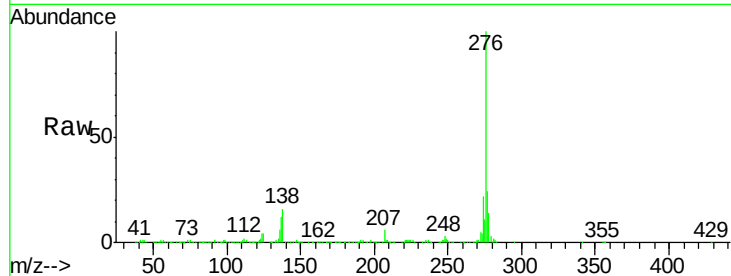
#85
Indeno(1,2,3-cd)pyrene
Concen: 38.531 ng
RT: 27.79 min Scan# 4170
Delta R.T. -0.26 min
Lab File: BG034040.D
Acq: 27 Apr 2018 15:43

Instrument :
BNA_G
ClientSampleId :
JC-01-042518MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.7	16.0	24.0
277	25.8	20.0	30.0

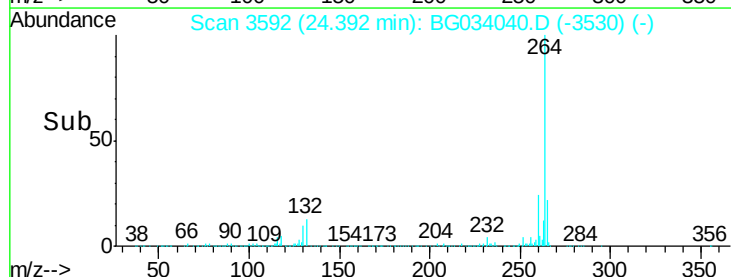
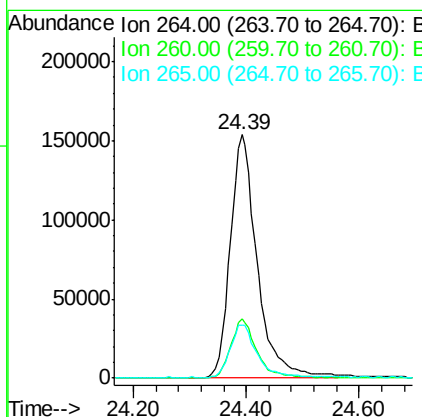
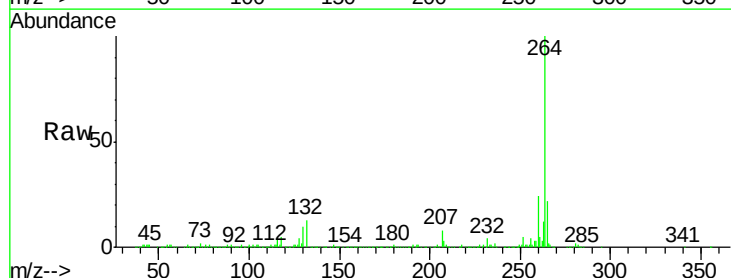
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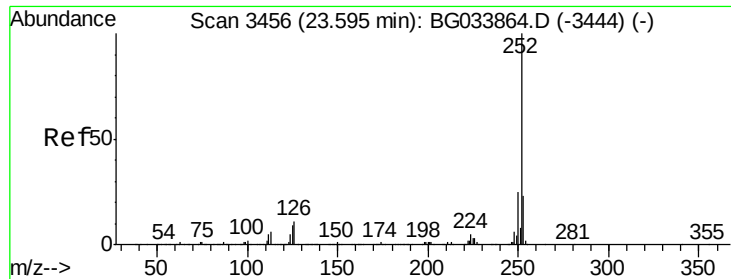
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.39 min Scan# 3592
Delta R.T. -0.17 min
Lab File: BG034040.D
Acq: 27 Apr 2018 15:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.0
265	21.9	17.7	26.5





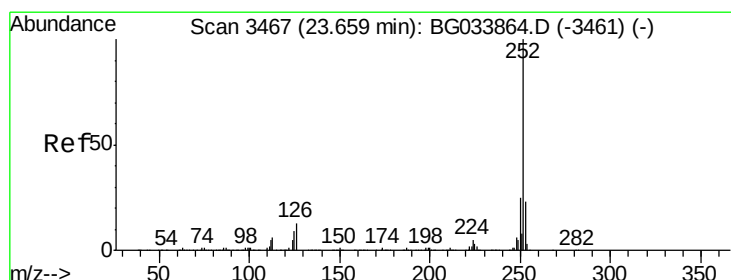
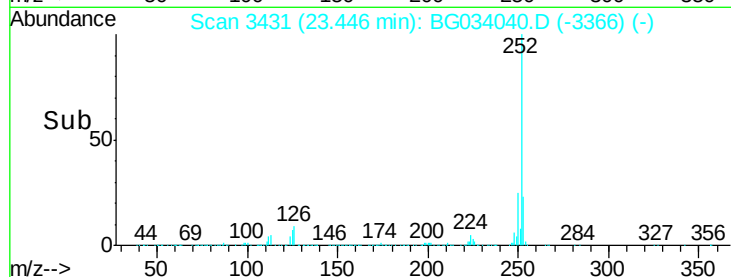
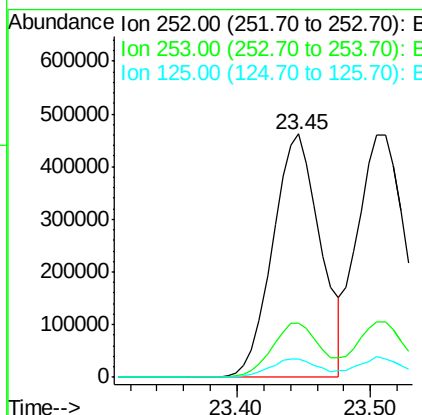
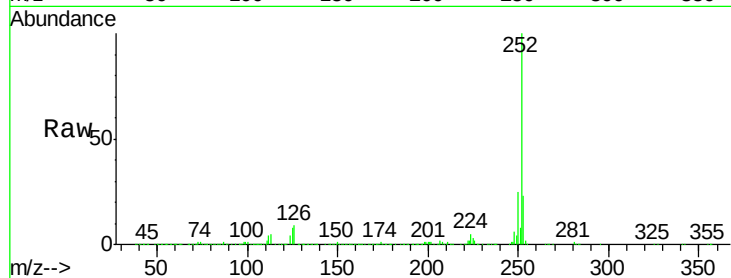
#87
Benzo(b)fluoranthene
Concen: 36.599 ng
RT: 23.45 min Scan# 3431
Delta R.T. -0.15 min
Lab File: BG034040.D
Acq: 27 Apr 2018 15:43

Instrument :
BNA_G
ClientSampleId :
JC-01-042518MS

Tot Ion:252 Resp: 1143509
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 7.5 7.2 10.8

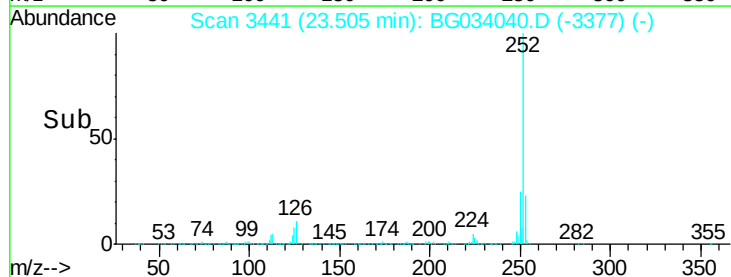
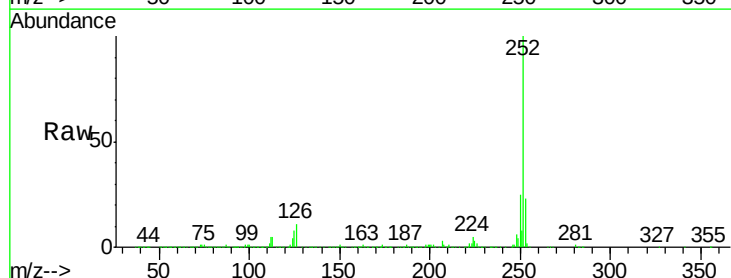
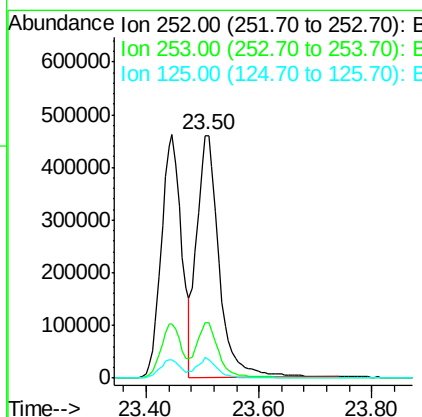
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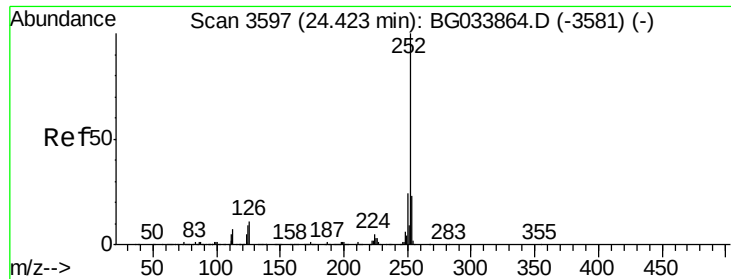
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#88
Benzo(k)fluoranthene
Concen: 40.749 ng
RT: 23.50 min Scan# 3441
Delta R.T. -0.15 min
Lab File: BG034040.D
Acq: 27 Apr 2018 15:43

Tgt Ion:252 Resp: 1264675
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.2
125 8.4 6.6 9.8





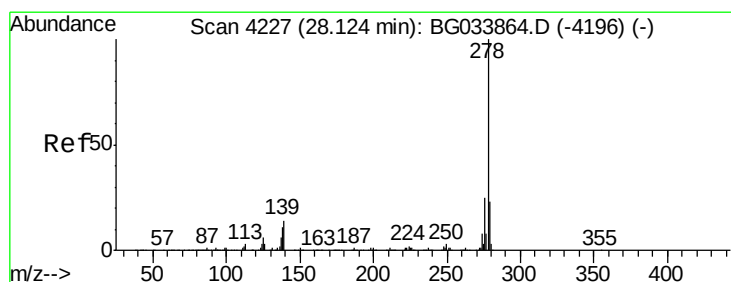
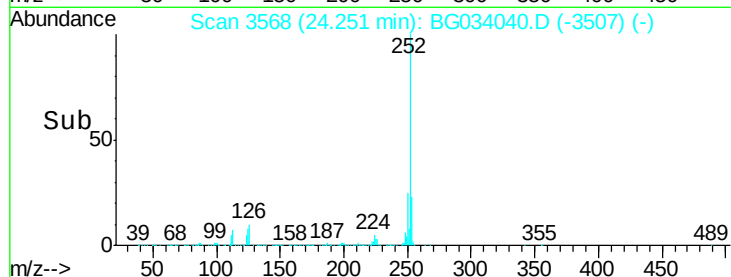
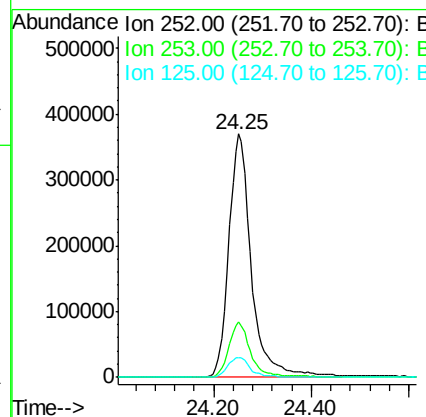
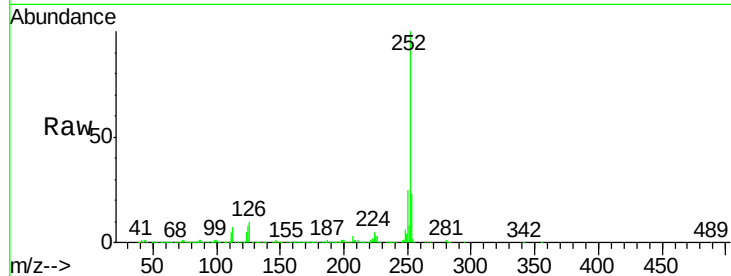
#89
Benzo(a)pyrene
Concen: 39.246 ng
RT: 24.25 min Scan# 3568
Delta R.T. -0.17 min
Lab File: BG034040.D
Acq: 27 Apr 2018 15:43

Instrument :
BNA_G
ClientSampleId :
JC-01-042518MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.3	27.5
125	8.0	7.3	10.9

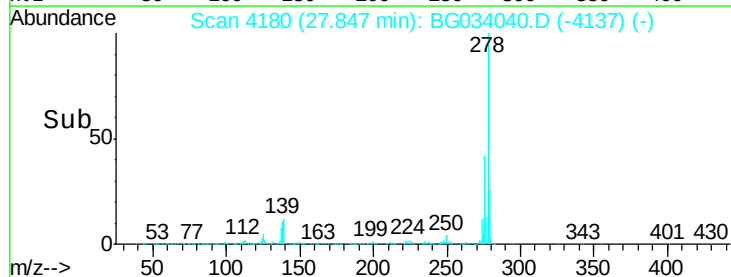
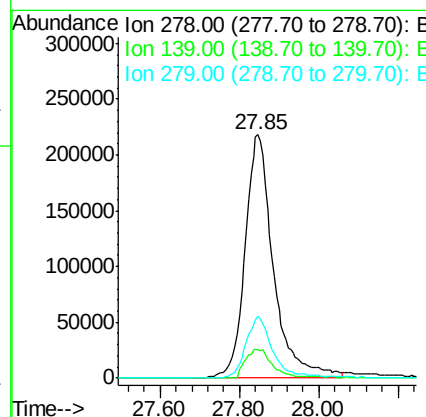
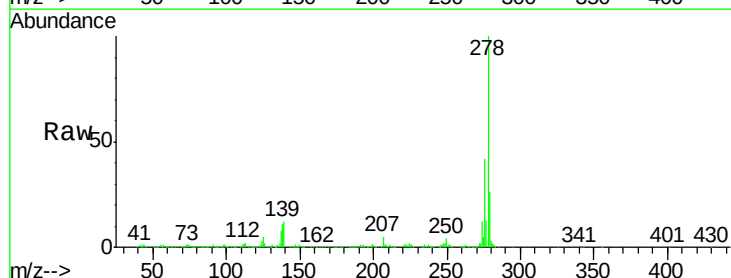
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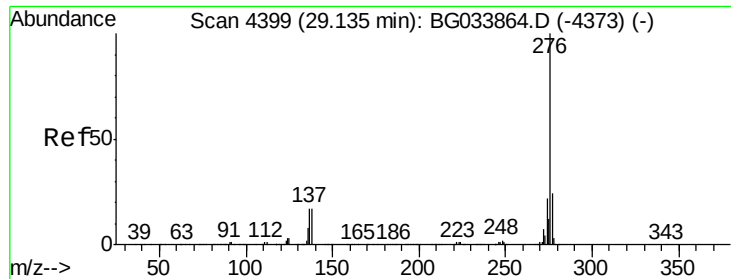
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#90
Dibenzo(a,h)anthracene
Concen: 37.619 ng
RT: 27.85 min Scan# 4180
Delta R.T. -0.28 min
Lab File: BG034040.D
Acq: 27 Apr 2018 15:43

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.9	9.8	14.6
279	25.6	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 38.868 ng
 RT: 28.83 min Scan# 4348
 Delta R.T. -0.30 min
 Lab File: BG034040.D
 Acq: 27 Apr 2018 15:43

Instrument :
 BNA_G
 ClientSampleId :
 JC-01-042518MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.3	27.5
138	17.5	13.9	20.9

Manual Integrations
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 4/30/2018 7:02:28 PM

