

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022718\
 Data File : BG032860.D
 Acq On : 27 Feb 2018 18:33
 Operator : SJ/JU
 Sample : J1688-06MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T-3-ROADMS

Manual Integrations
 APPROVED

Sohil
 2/28/2018 1:01:37 PM

Quant Time: Feb 28 03:07:37 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 17:50:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	71274	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	312537	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	185291	20.00	ng	0.00
63) Phenanthrene-d10	18.27	188	408238	20.00	ng	0.00
75) Chrysene-d12	22.63	240	381214	20.00	ng	0.00
86) Perylene-d12	26.43	264	410691	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.34	112	622971	139.84	ng	0.00
7) Phenol-d6	8.02	99	753160	121.29	ng	0.00
23) Nitrobenzene-d5	10.12	82	533217	114.50	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	324782	166.70	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1191851	92.77	ng	0.00
78) Terphenyl-d14	20.78	244	1683766	99.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.97	88	74962	38.771	ng	89
3) Pyridine	4.44	79	170850	32.060	ng	94
4) n-Nitrosodimethylamine	4.33	42	104264	48.800	ng	# 95
6) Aniline	8.21	93	107249	12.759	ng	95
8) 2-Chlorophenol	8.47	128	237240	48.652	ng	92
9) Benzaldehyde	8.02	77	97310	27.190	ng	92
10) Phenol	8.05	94	256246	40.936	ng	90
11) bis(2-Chloroethyl)ether	8.30	93	224736	43.906	ng	94
12) 1,3-Dichlorobenzene	8.81	146	238397	41.741	ng	97
13) 1,4-Dichlorobenzene	8.96	146	242169	42.124	ng	94
14) 1,2-Dichlorobenzene	9.29	146	231090	41.947	ng	96
15) Benzyl Alcohol	9.15	79	209494	45.890	ng	92
16) 2,2'-oxybis(1-Chloropropan	9.45	45	364581	41.433	ng	96
17) 2-Methylphenol	9.35	107	202575	43.886	ng	94
18) Hexachloroethane	10.05	117	87429	44.665	ng	# 83
19) n-Nitroso-di-n-propylamine	9.73	70	188272	42.946	ng	# 97
20) 3+4-Methylphenols	9.68	107	276478	43.078	ng	94
22) Acetophenone	9.77	105	351498	44.532	ng	# 94
24) Nitrobenzene	10.17	77	258551	51.359	ng	90
25) Isophorone	10.69	82	519819	47.386	ng	# 94
26) 2-Nitrophenol	10.89	139	123475	63.057	ng	90
27) 2,4-Dimethylphenol	10.92	122	261584	54.892	ng	88
28) bis(2-Chloroethoxy)methane	11.16	93	314799	49.260	ng	95
29) 2,4-Dichlorophenol	11.43	162	226836	52.447	ng	96
30) 1,2,4-Trichlorobenzene	11.66	180	219613	43.317	ng	97
31) Naphthalene	11.86	128	770266	47.165	ng	99
32) Benzoic acid	11.02	122	111383	40.528	ng	# 84
33) 4-Chloroaniline	11.95	127	68292	9.352	ng	95
34) Hexachlorobutadiene	12.12	225	114675	40.325	ng	95
35) Caprolactam	12.69	113	67335	38.881	ng	# 84
36) 4-Chloro-3-methylphenol	13.00	107	273441	54.328	ng	91
37) 2-Methylnaphthalene	13.41	142	551536	46.680	ng	91
39) 1,2,4,5-Tetrachlorobenzene	13.76	216	227632	41.384	ng	# 97
40) Hexachlorocyclopentadiene	13.74	237	247676	88.354	ng	94

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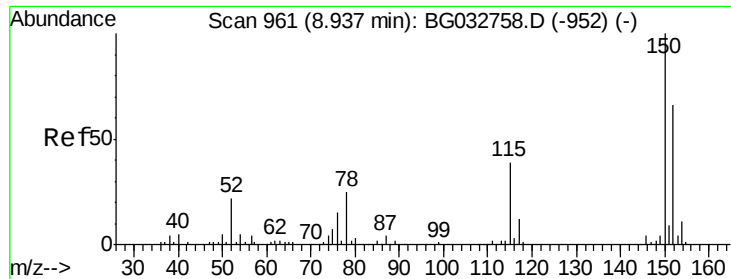
Manual Integrations
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Sohil
 2/28/2018 1:01:37 PM

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.98	196	177295	51.112	nq	96
43) 2,4,5-Trichlorophenol	14.05	196	197033	49.078	nq	98
45) 1,1'-Biphenyl	14.38	154	692949	42.797	nq	94
46) 2-Chloronaphthalene	14.44	162	522359	43.188	nq	98
47) 2-Nitroaniline	14.61	65	184243	57.861	nq	90
48) Acenaphthylene	15.27	152	868764	43.872	nq	98
49) Dimethylphthalate	14.97	163	709141	45.074	nq	99
50) 2,6-Dinitrotoluene	15.09	165	157745	58.245	nq	89
51) Acenaphthene	15.60	154	577368	46.817	nq	98
52) 3-Nitroaniline	15.42	138	70743	26.052	nq #	83
53) 2,4-Dinitrophenol	15.62	184	84509	95.589	nq #	22
54) Dibenzofuran	15.93	168	823665	46.906	nq	94
55) 4-Nitrophenol	15.69	139	239731	91.895	nq #	79
56) 2,4-Dinitrotoluene	15.86	165	217622	64.982	nq	86
57) Fluorene	16.57	166	666973	46.019	nq	99
58) 2,3,4,6-Tetrachlorophenol	16.14	232	168483m	54.053	nq	
59) Diethylphthalate	16.30	149	752042	45.320	nq	99
60) 4-Chlorophenyl-phenylether	16.55	204	328611	46.348	nq	92
61) 4-Nitroaniline	16.57	138	153928	45.504	nq	83
62) Azobenzene	16.84	77	684551	46.112	nq	97
64) 4,6-Dinitro-2-methylphenol	16.62	198	78899	60.174	nq	97
65) n-Nitrosodiphenylamine	16.76	169	623545	46.952	nq	98
66) 4-Bromophenyl-phenylether	17.44	248	197806	45.824	nq #	88
67) Hexachlorobenzene	17.57	284	206718	44.314	nq #	92
68) Atrazine	17.68	200	212301	48.565	nq	96
69) Pentachlorophenol	17.90	266	251114	85.462	nq	99
70) Phenanthrene	18.31	178	1060330	46.555	nq	97
71) Anthracene	18.40	178	1069267	46.763	nq	98
72) Carbazole	18.65	167	1012792	44.938	nq #	96
73) Di-n-butylphthalate	19.15	149	1262514	45.662	nq	98
74) Fluoranthene	20.26	202	1172757	46.615	nq	94
76) Benzidine	20.41	184	56698	4.363	nq	98
77) Pyrene	20.62	202	1179674	43.881	nq	96
79) Butylbenzylphthalate	21.48	149	600817	50.408	nq	92
80) Benzo(a)anthracene	22.60	228	1148252	46.972	nq	98
81) 3,3'-Dichlorobenzidine	22.48	252	140060	15.470	nq #	97
82) Chrysene	22.68	228	1064066	45.567	nq	96
83) Bis(2-ethylhexyl)phthalate	22.44	149	854756	48.447	nq #	97
84) Di-n-octyl phthalate	23.87	149	1466581	54.535	nq	98
85) Indeno(1,2,3-cd)pyrene	30.87	276	1329376	48.814	nq	99
87) Benzo(b)fluoranthene	25.21	252	1156554	47.628	nq #	96
88) Benzo(k)fluoranthene	25.29	252	1128262	46.751	nq #	95
89) Benzo(a)pyrene	26.26	252	1117233	48.373	nq #	96
90) Dibenzo(a,h)anthracene	30.96	278	1102856	47.439	nq #	93
91) Benzo(g,h,i)perylene	32.27	276	1076587	46.977	nq #	91

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



#1

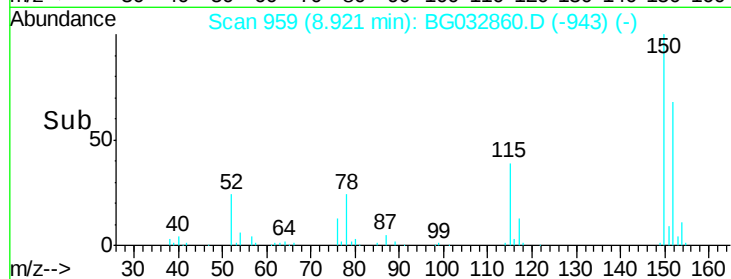
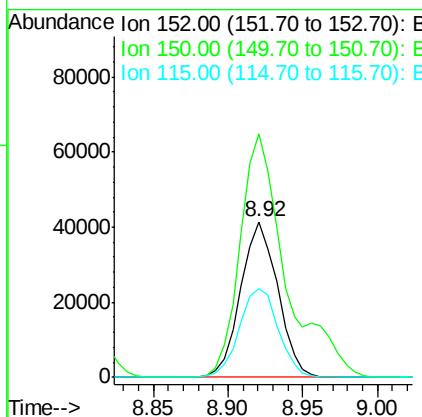
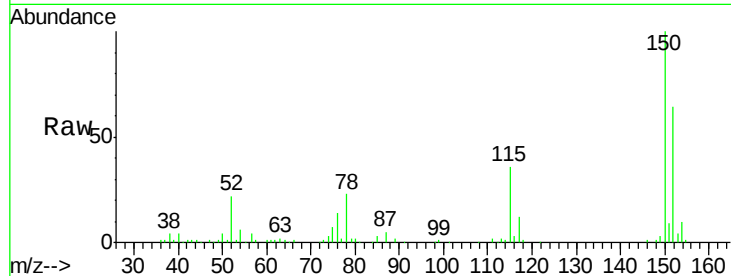
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG032860.D
Acq: 27 Feb 2018 18:33

Instrument :
BNA_G
ClientSampleId :
T-3-ROADMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	126.6	189.8
115	57.0	53.0	79.4

Manual Integrations
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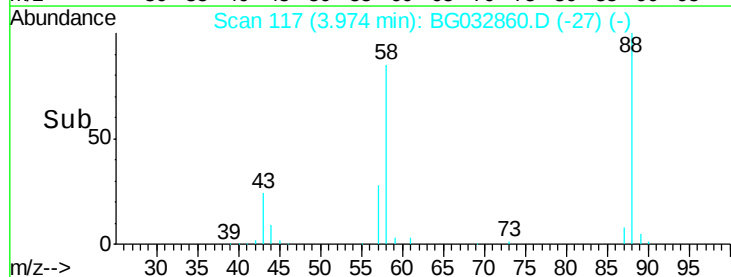
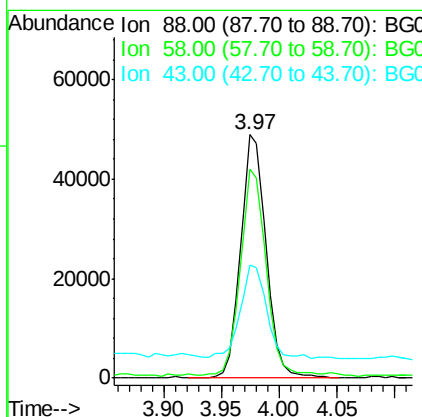
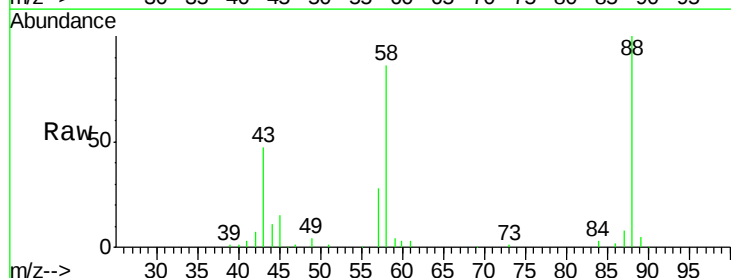
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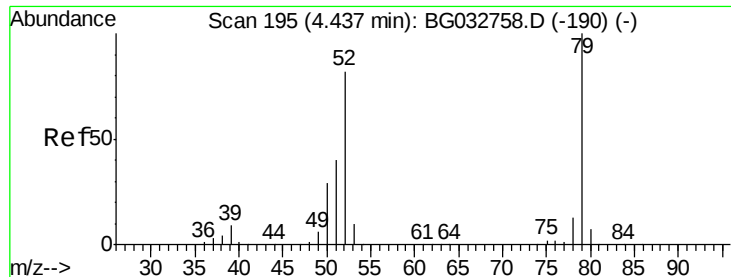


#2

1,4-Dioxane
Concen: 38.771 ng
RT: 3.97 min Scan# 117
Delta R.T. -0.00 min
Lab File: BG032860.D
Acq: 27 Feb 2018 18:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.3	79.6	119.4
43	37.9	27.4	41.0





#3

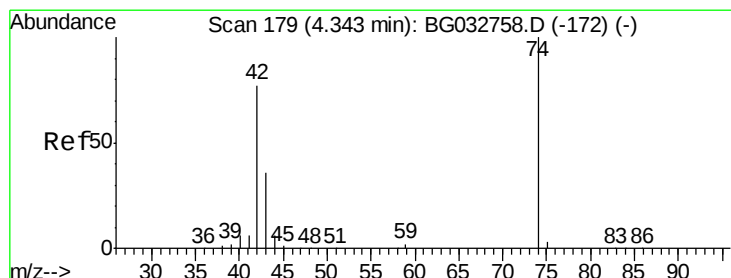
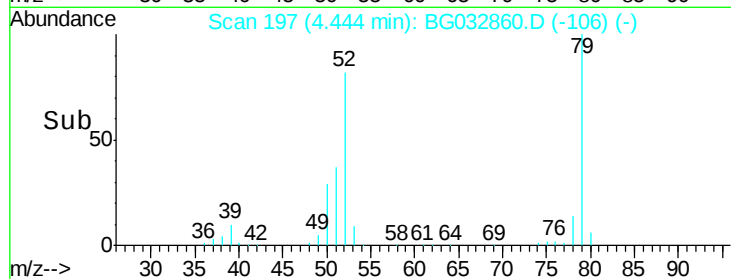
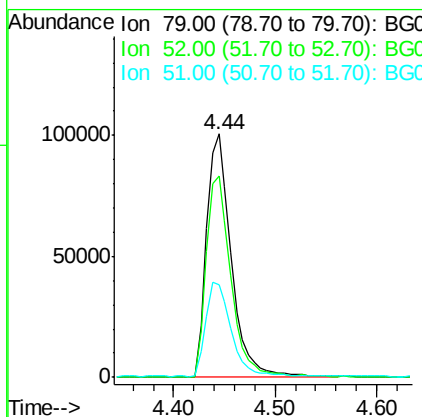
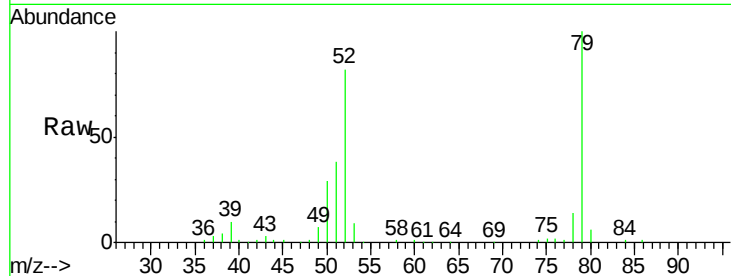
Pvridine
Concen: 32.060 ng
RT: 4.44 min Scan# 197
Delta R.T. 0.01 min
Lab File: BG032860.D
Acq: 27 Feb 2018 18:33

Instrument :
BNA_G
ClientSampled :
T-3-ROADMS

Tot Ion	Ratio	Lower	Upper
79	100		
52	82.5	69.9	104.9
51	38.2	34.0	51.0

Manual Integrations
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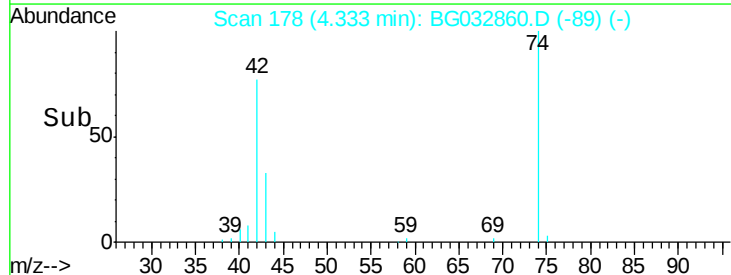
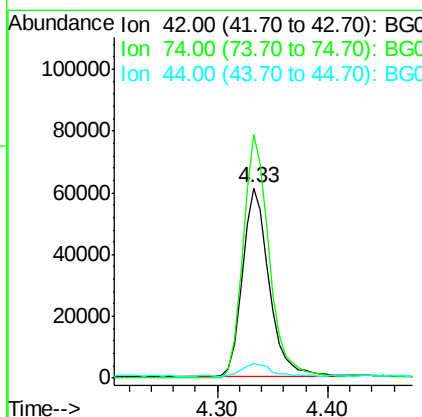
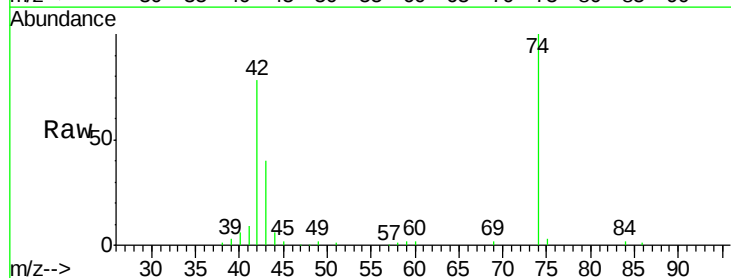
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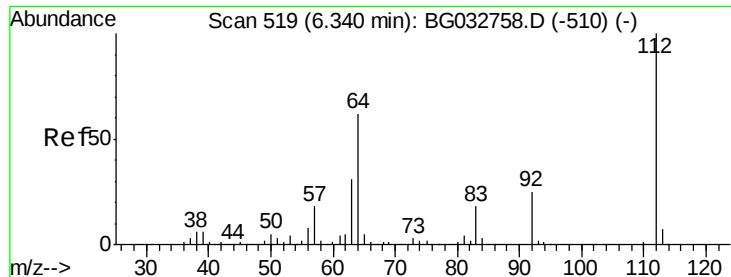


#4

n-Nitrosodimethylamine
Concen: 48.800 ng
RT: 4.33 min Scan# 178
Delta R.T. -0.01 min
Lab File: BG032860.D
Acq: 27 Feb 2018 18:33

Tgt Ion	Ratio	Lower	Upper
42	100		
74	128.0	102.5	153.7
44	7.7	18.9	28.3





#5

2-Fluorophenol

Concen: 139.835 ng

RT: 6.34 min Scan# 519

Delta R.T. -0.00 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

Instrument :

BNA_G

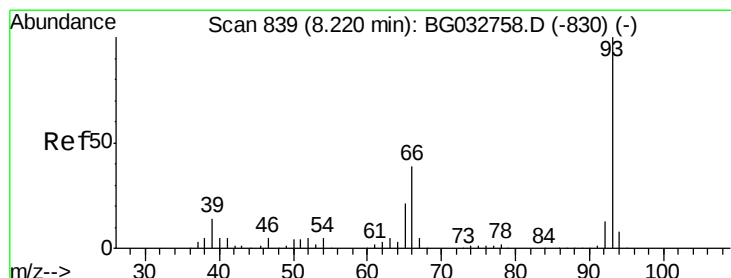
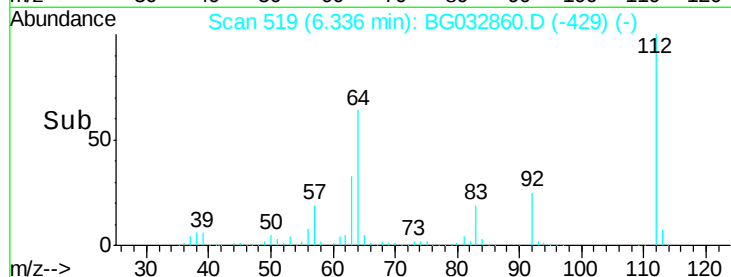
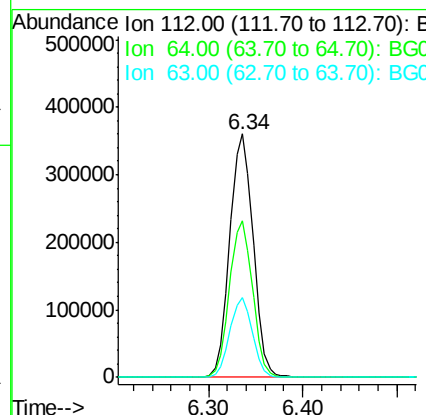
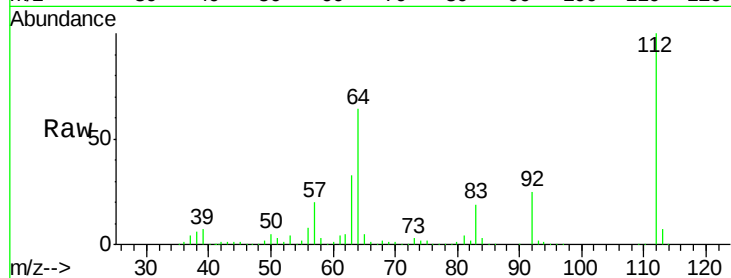
ClientSampleId :

T-3-ROADMS

Tot Ion:	112	Resp:	622971
Ion Ratio	Lower	Upper	
112	100		
64	64.3	56.3	84.5
63	32.6	30.1	45.1

Manual Integrations
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#6

Aniline

Concen: 12.759 ng

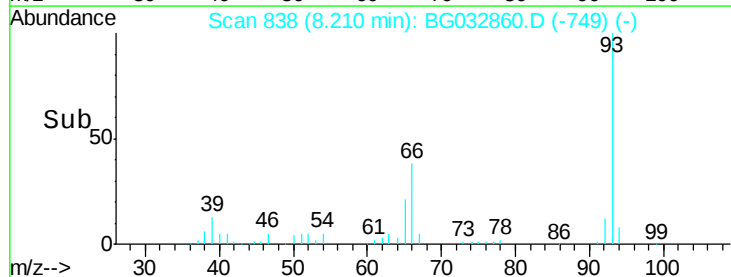
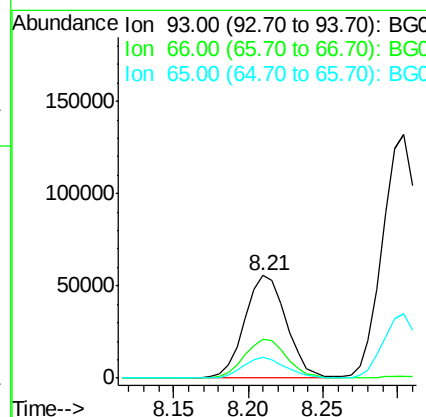
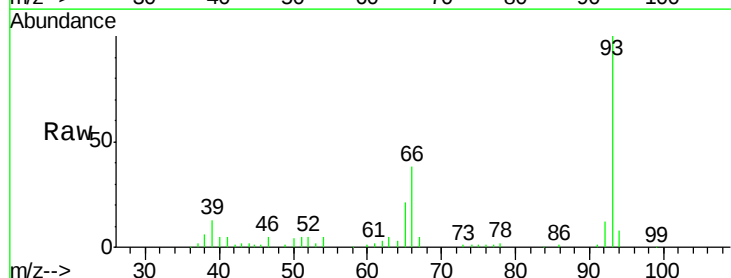
RT: 8.21 min Scan# 838

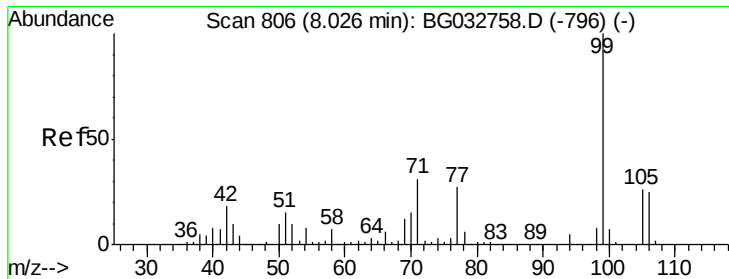
Delta R.T. -0.01 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

Tgt Ion:	93	Resp:	107249
Ion Ratio	Lower	Upper	
93	100		
66	37.9	33.7	50.5
65	20.7	16.1	24.1





#7

Phenol-d6

Concen: 121.288 ng

RT: 8.02 min Scan# 805

Delta R.T. -0.00 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

Instrument :

BNA_G

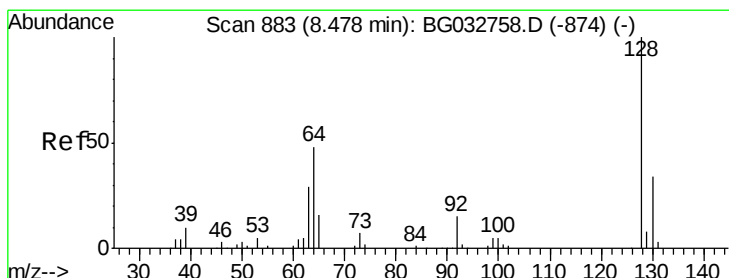
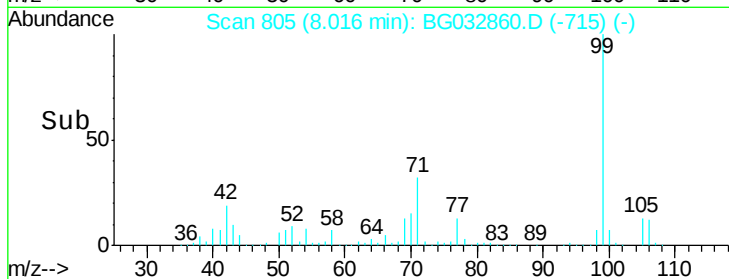
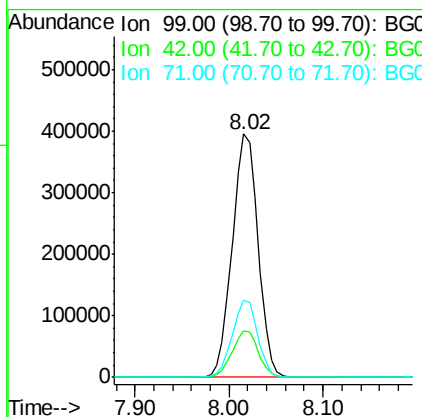
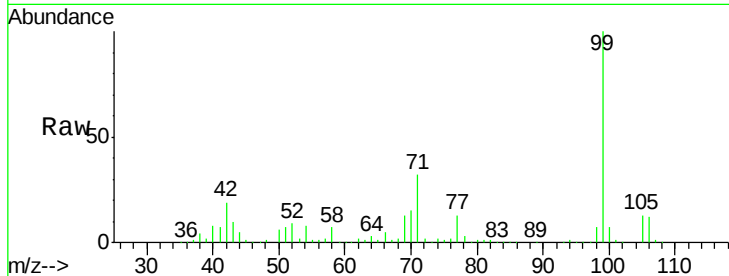
ClientSampled :

T-3-ROADMS

Tot Ion:	99	Resp:	753160
Ion Ratio	Lower	Upper	
99	100		
42	19.1	14.1	21.1
71	31.7	26.1	39.1

Manual Integrations
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#8

2-Chlorophenol

Concen: 48.652 ng

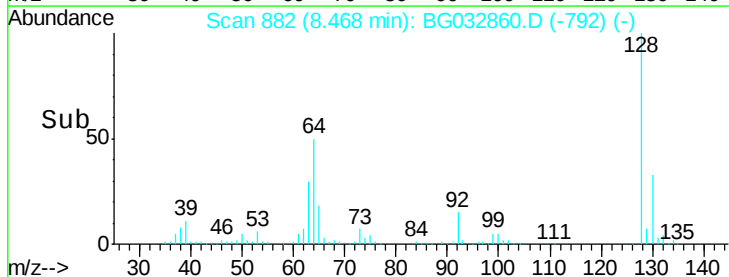
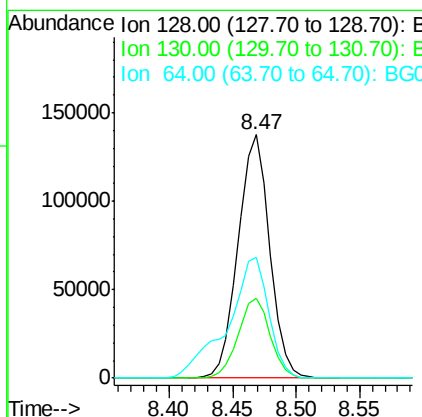
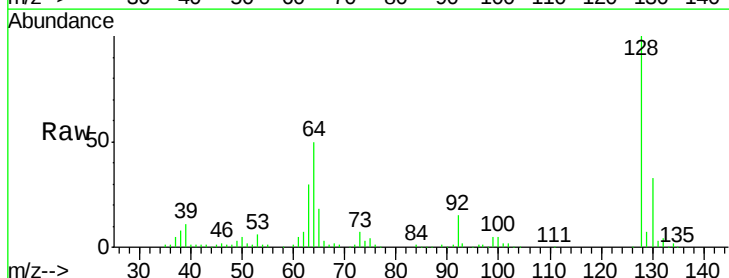
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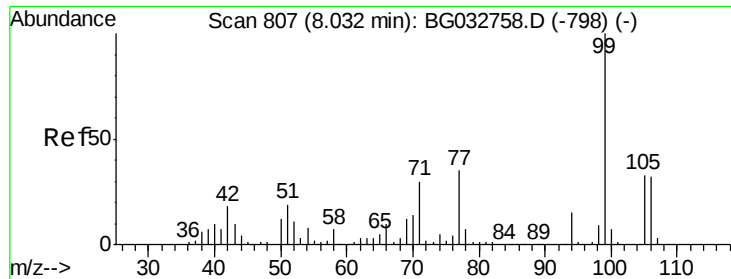
Delta R.T. -0.00 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

Tgt Ion:	128	Resp:	237240
Ion Ratio	Lower	Upper	
128	100		
130	32.8	14.0	54.0
64	49.7	37.7	77.7





#9

Benzaldehyde

Concen: 27.190 ng

RT: 8.02 min Scan# 805

Delta R.T. -0.01 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

Instrument :

BNA_G

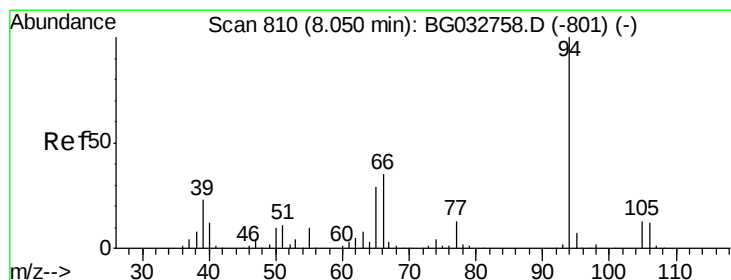
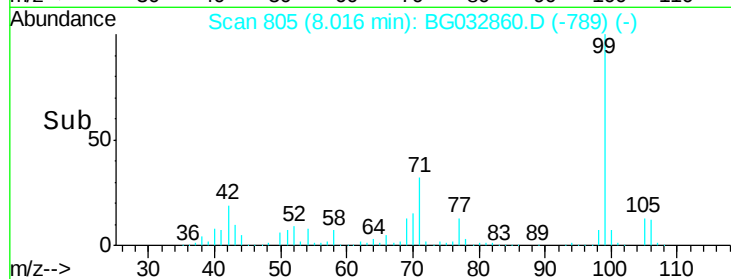
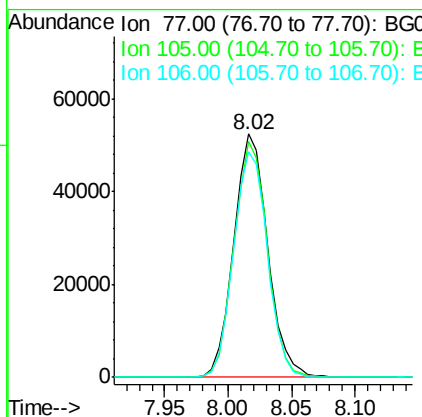
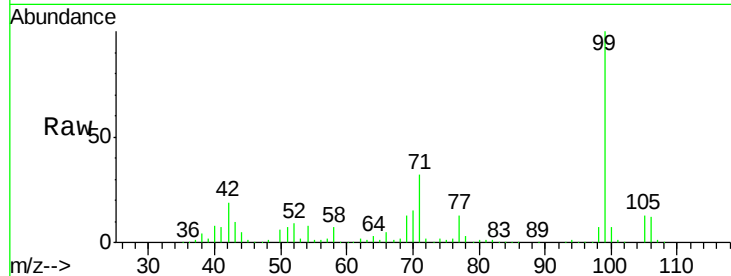
ClientSampled :

T-3-ROADMS

Tot Ion	Ratio	Lower	Upper
77	100		
105	97.0	71.3	111.3
106	92.8	64.2	104.2

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#10

Phenol

Concen: 40.936 ng

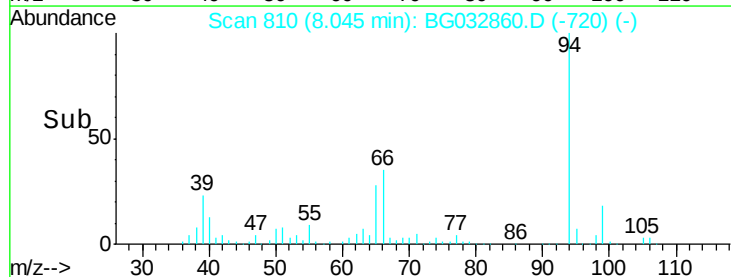
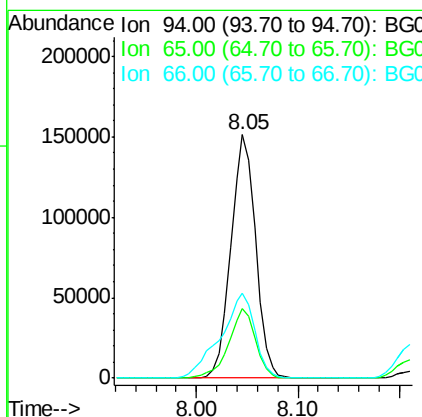
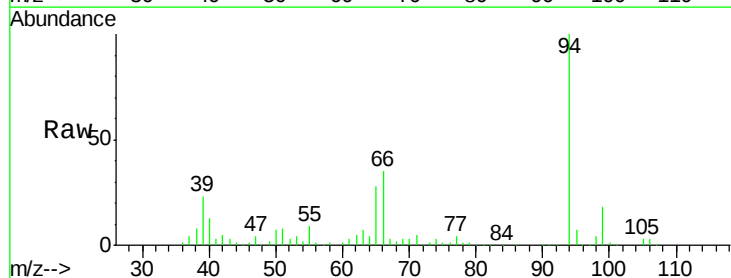
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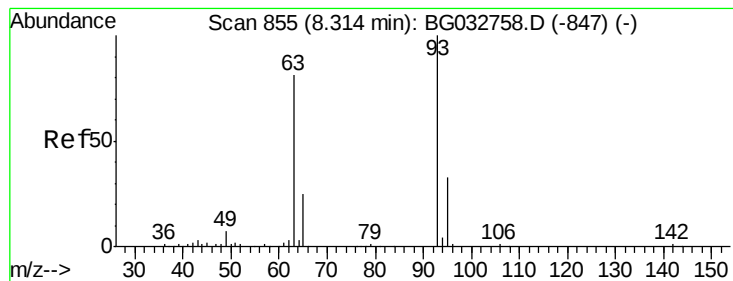
Delta R.T. -0.00 min

Lab File: BG032860.D

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Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.3	11.9	51.9
66	34.7	22.2	62.2





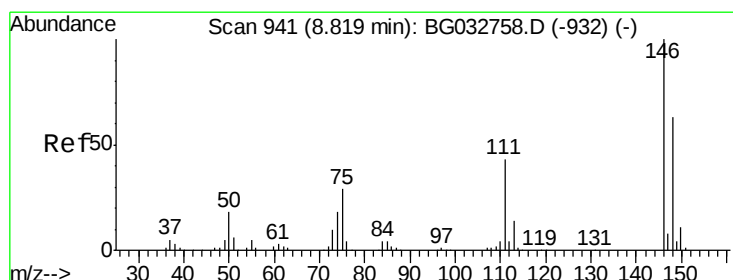
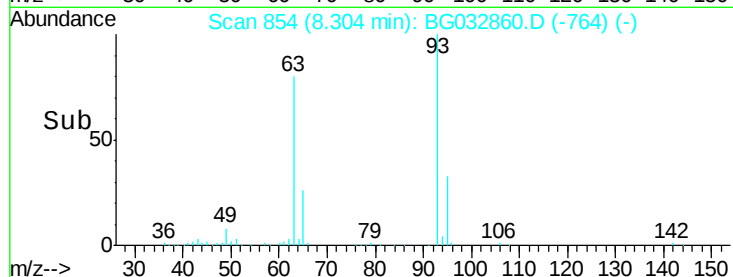
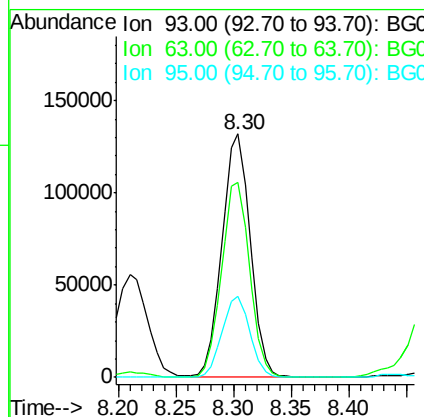
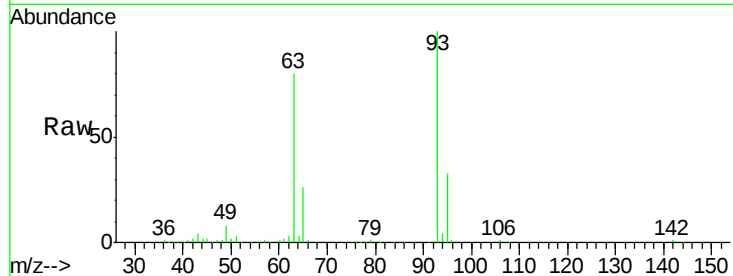
#11
bis(2-Chloroethyl)ether
Concen: 43.906 ng
RT: 8.30 min Scan# 854
Delta R.T. -0.00 min
Lab File: BG032860.D
Acq: 27 Feb 2018 18:33

Instrument :
BNA_G
ClientSampleId :
T-3-ROADMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.9	67.1	107.1
95	33.1	11.5	51.5

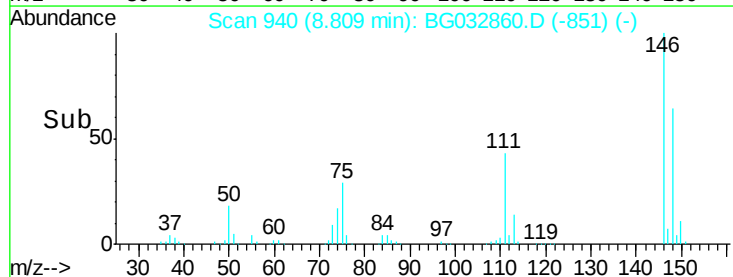
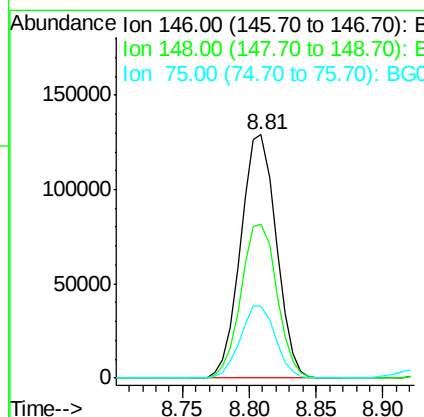
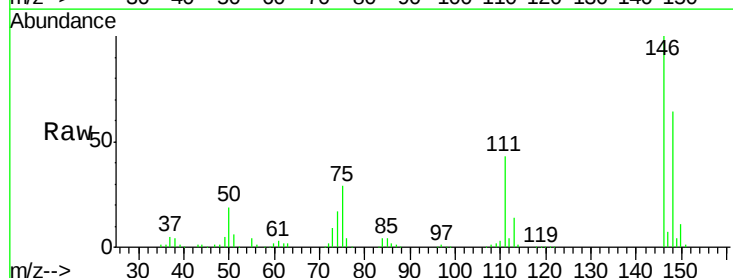
Manual Integrations
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#12
1,3-Dichlorobenzene
Concen: 41.741 ng
RT: 8.81 min Scan# 940
Delta R.T. -0.01 min
Lab File: BG032860.D
Acq: 27 Feb 2018 18:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.4	77.2
75	29.5	26.6	39.8





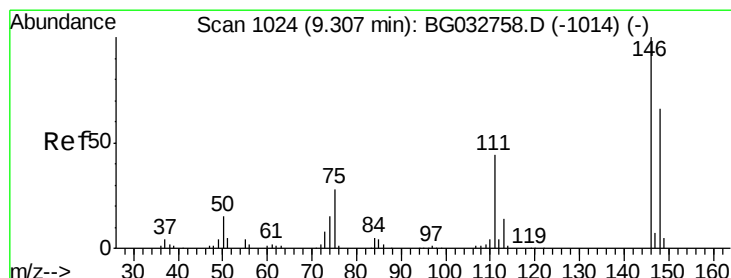
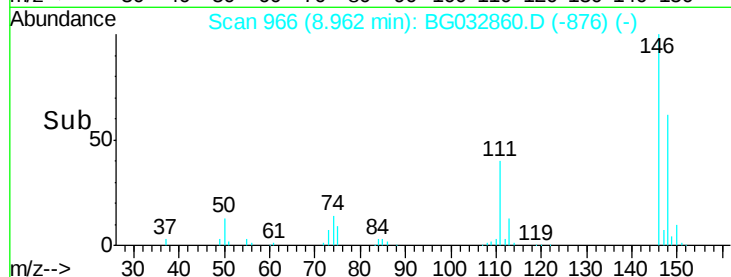
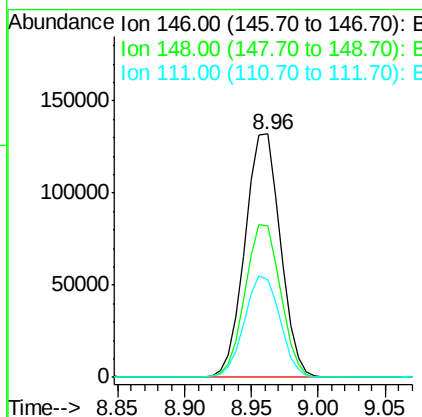
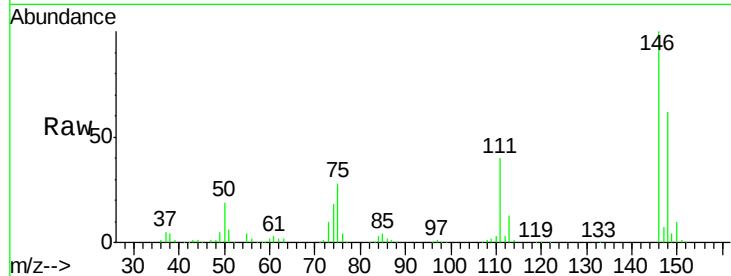
#13
 1,4-Dichlorobenzene
 Concen: 42.124 ng
 RT: 8.96 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: BG032860.D
 Acq: 27 Feb 2018 18:33

Instrument :
 BNA_G
 ClientSampleId :
 T-3-ROADMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.2	53.7	80.5
111	40.1	35.2	52.8

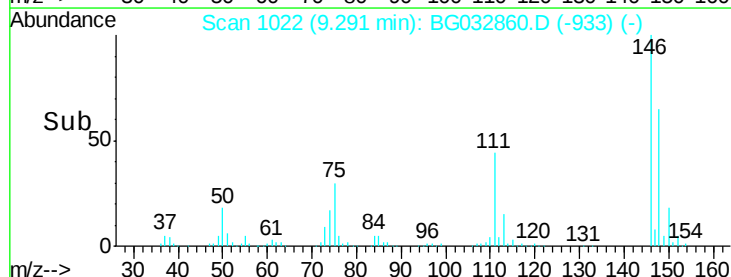
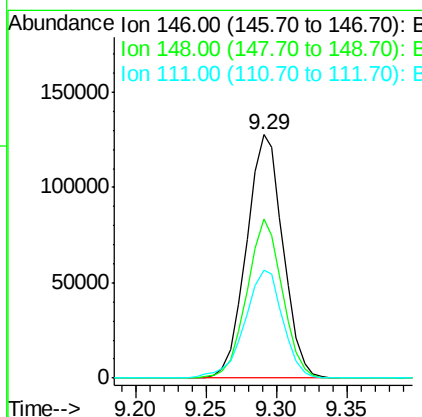
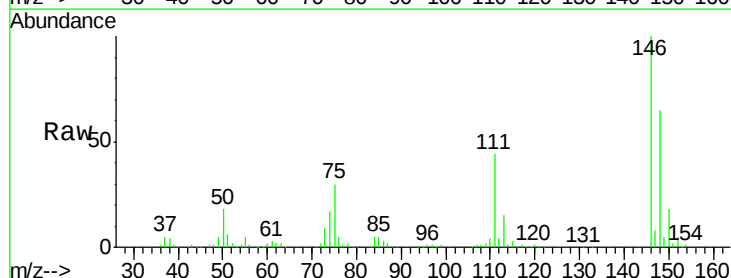
Manual Integrations
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#14
 1,2-Dichlorobenzene
 Concen: 41.947 ng
 RT: 9.29 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BG032860.D
 Acq: 27 Feb 2018 18:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	49.3	73.9
111	44.3	34.3	51.5





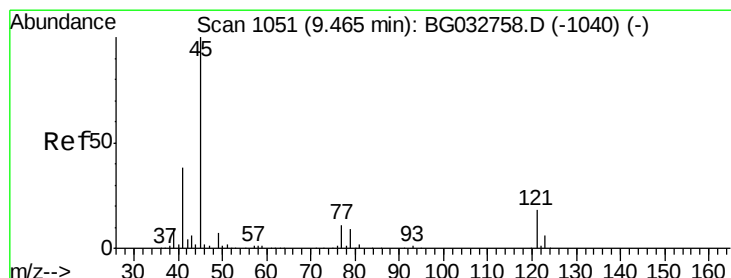
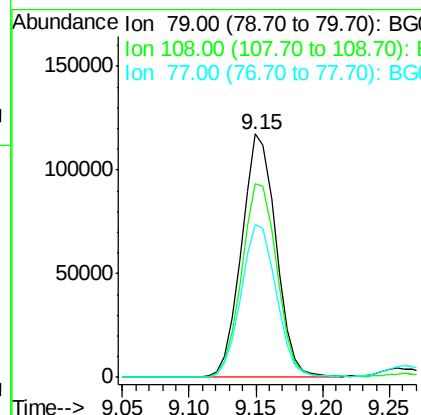
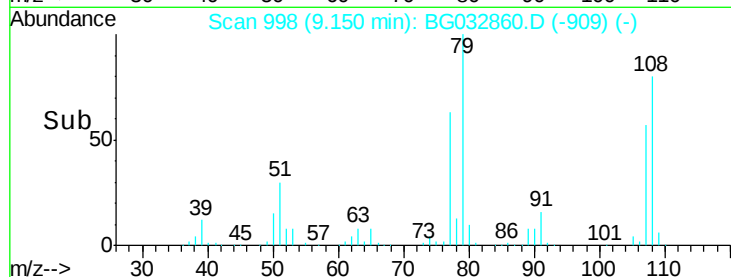
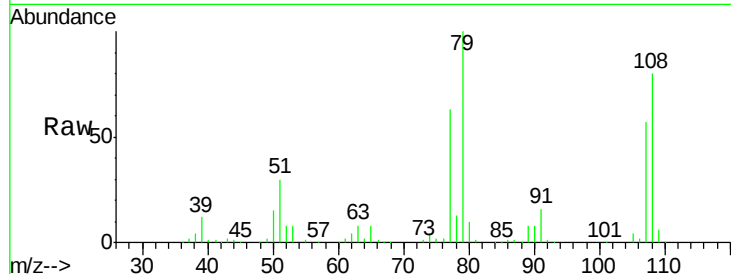
#15
Benzyl Alcohol
Concen: 45.890 ng
RT: 9.15 min Scan# 998
Delta R.T. -0.01 min
Lab File: BG032860.D
Acq: 27 Feb 2018 18:33

Instrument :
BNA_G
ClientSampleId :
T-3-ROADMS

Tot Ion	Ratio	Resp	Lower	Upper
79	100	209494		
108	79.7	57.2	85.8	
77	62.6	46.1	69.1	

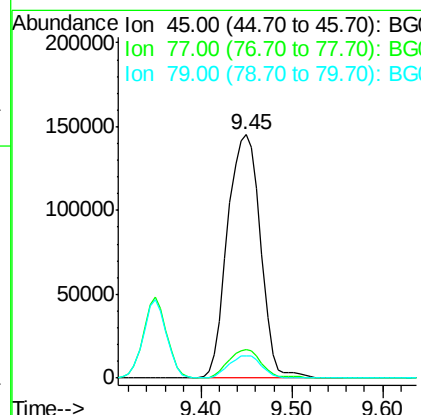
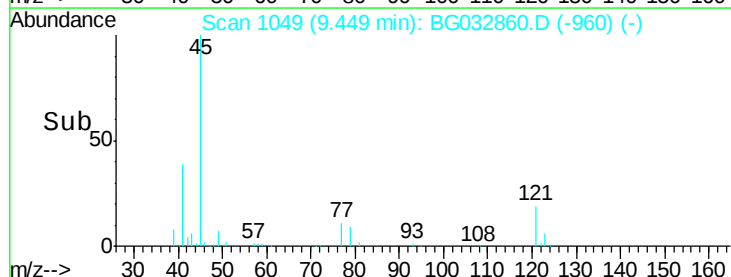
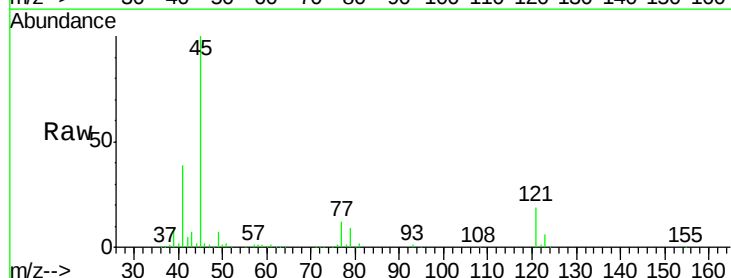
Manual Integrations
APPROVED

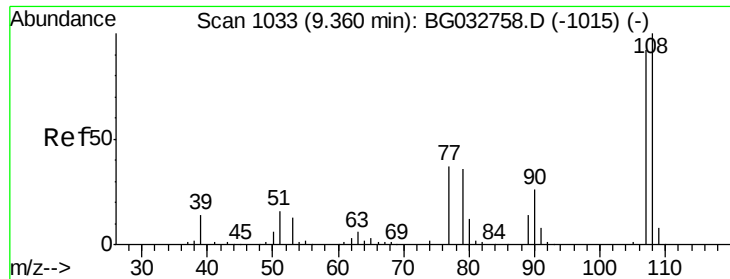
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#16
2,2'-oxybis(1-chloropropane)
Concen: 41.433 ng
RT: 9.45 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BG032860.D
Acq: 27 Feb 2018 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	364581		
77	11.9	0.0	30.2	
79	9.3	0.0	27.9	





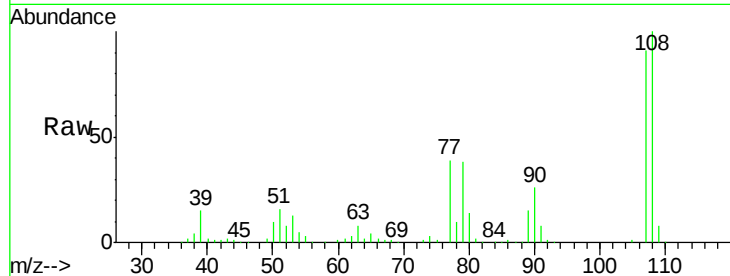
#17
2-Methylphenol
Concen: 43.886 ng
RT: 9.35 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BG032860.D
Acq: 27 Feb 2018 18:33

Instrument :
BNA_G
ClientSampleId :
T-3-ROADMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.4	83.9	125.9	
77	42.7	37.2	55.8	
79	41.5	36.2	54.2	

Manual Integrations
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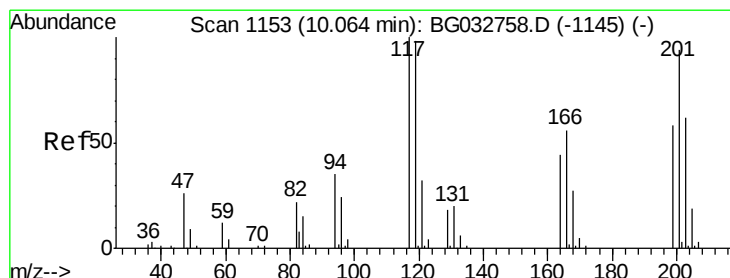
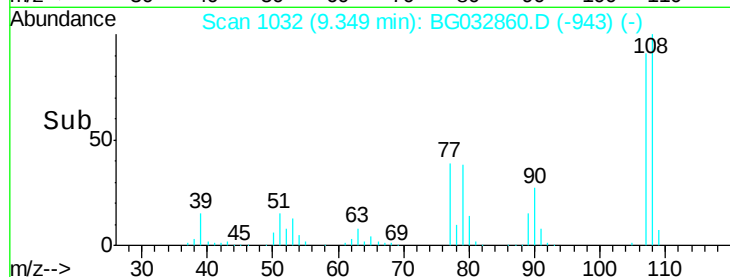
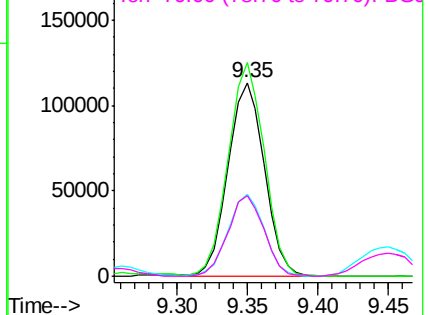
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 44.665 ng
RT: 10.05 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BG032860.D
Acq: 27 Feb 2018 18:33

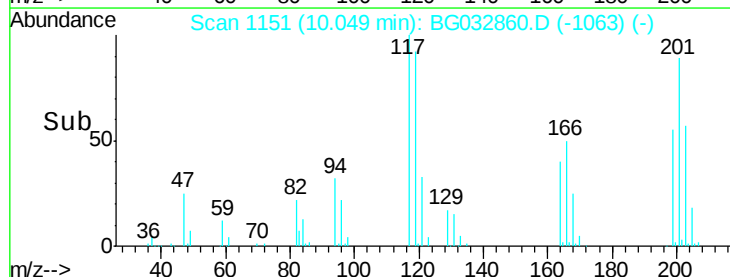
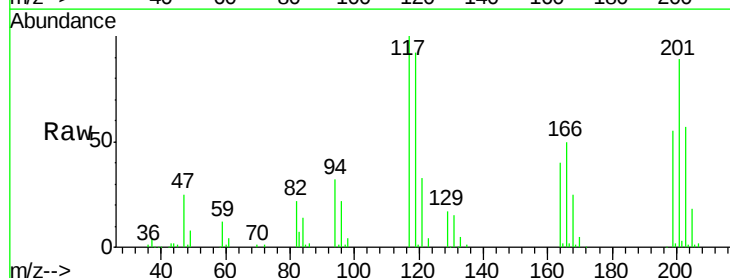
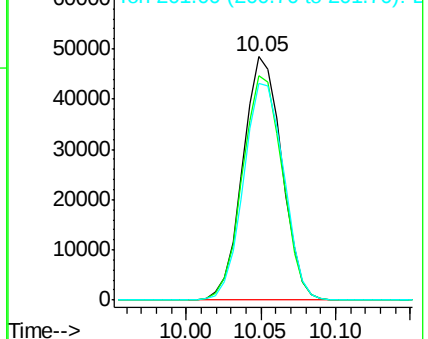
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.3	76.7	115.1	
201	89.2	95.7	143.5	

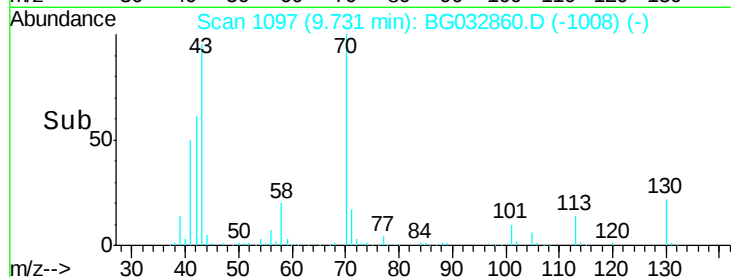
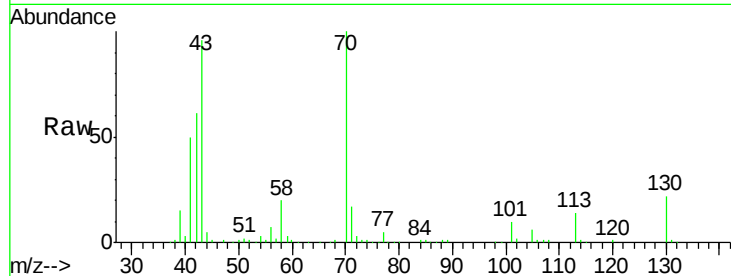
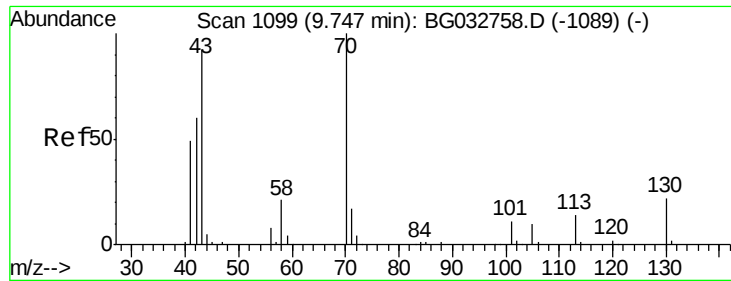
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





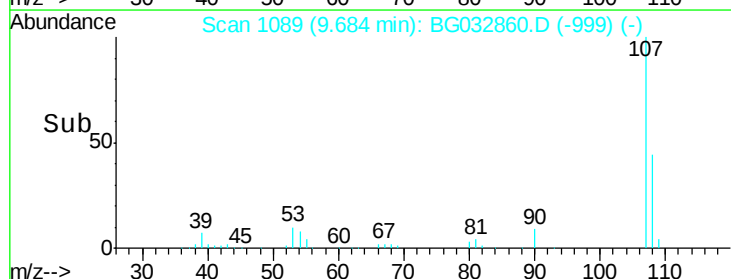
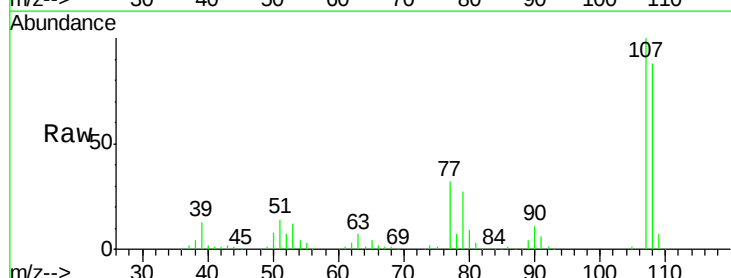
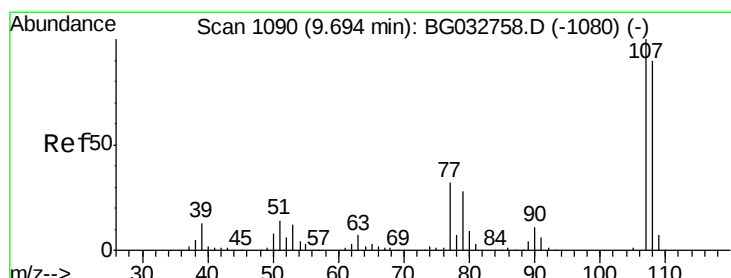
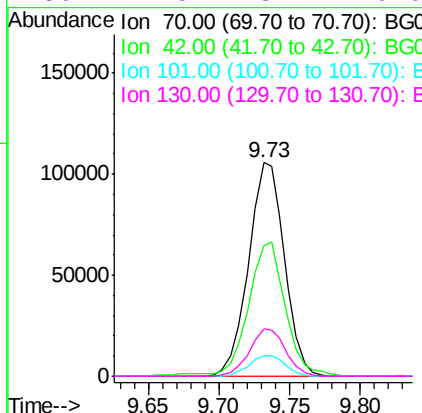
#19
n-Nitroso-di-n-propylamine
Concen: 42.946 ng
RT: 9.73 min Scan# 1097
Delta R.T. -0.01 min
Lab File: BG032860.D
Acq: 27 Feb 2018 18:33

Instrument :
BNA_G
ClientSampleId :
T-3-ROADMS

Tot Ion	Ion	Ratio	Lower	Upper
188272	70	100		
	42	60.9	49.1	73.7
	101	9.8	8.5	12.7
	130	22.5	13.4	20.0#

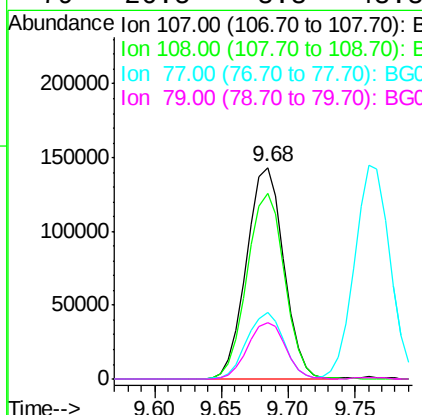
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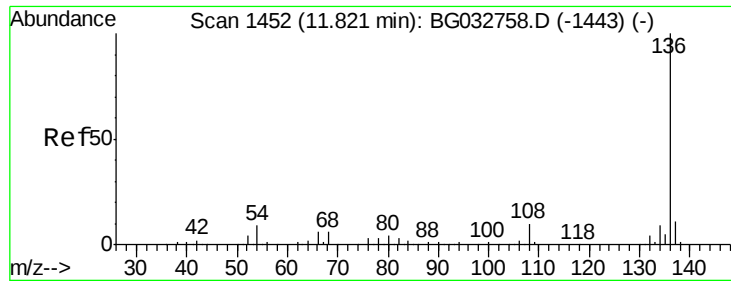
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#20
3+4-Methylphenols
Concen: 43.078 ng
RT: 9.68 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BG032860.D
Acq: 27 Feb 2018 18:33

Tgt Ion	Ion	Ratio	Lower	Upper
276478	107	100		
	108	88.0	61.6	101.6
	77	31.7	13.9	53.9
	79	26.5	8.8	48.8





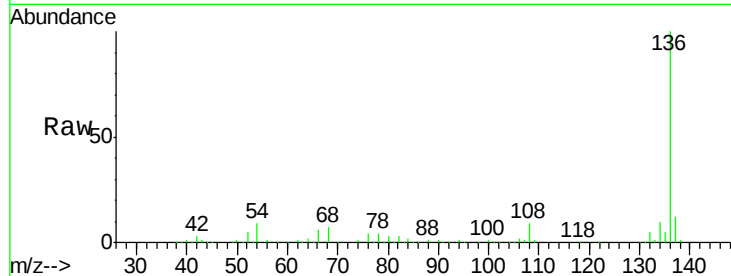
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.81 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BG032860.D
Acq: 27 Feb 2018 18:33

Instrument :
BNA_G
ClientSampled :
T-3-ROADMS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	9.2	10.3	15.5
68	6.7	4.5	6.7

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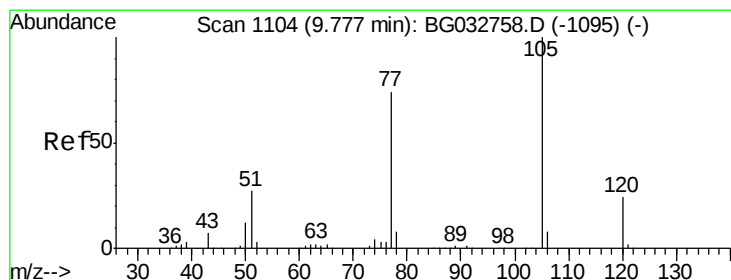
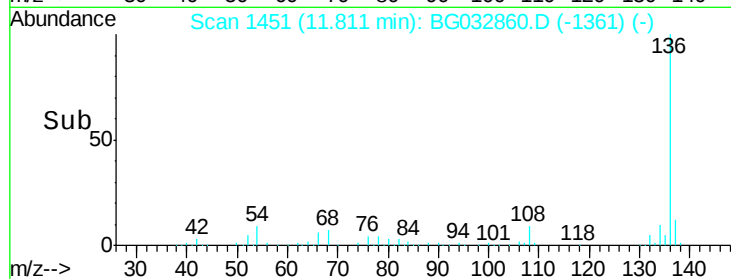
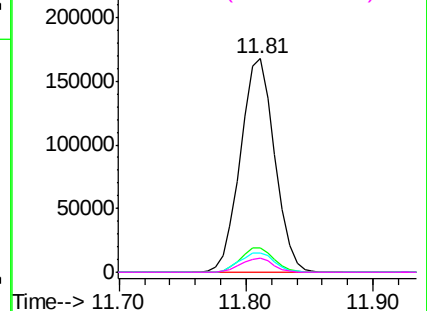
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 44.532 ng
RT: 9.77 min Scan# 1103
Delta R.T. -0.00 min
Lab File: BG032860.D
Acq: 27 Feb 2018 18:33

Tgt Ion	Ratio	Lower	Upper
105	100		
71	0.2	3.0	4.4
51	28.9	26.1	39.1
120	24.4	17.4	26.2

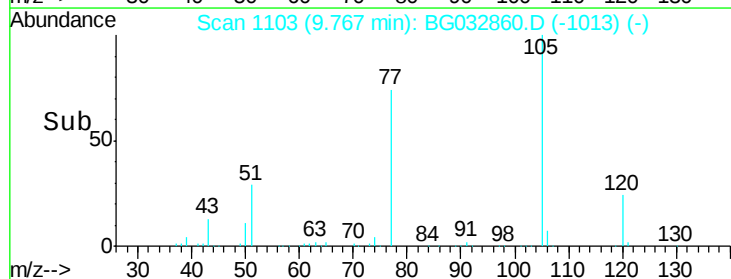
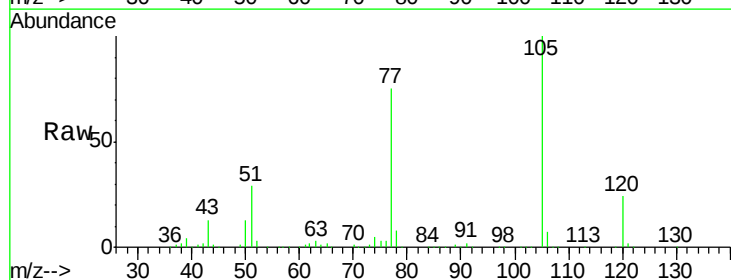
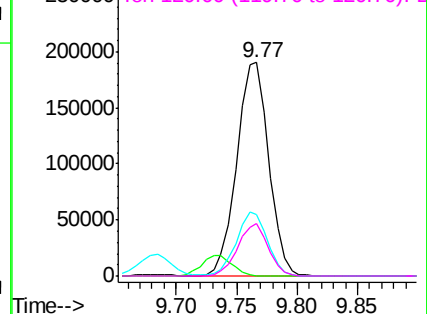
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





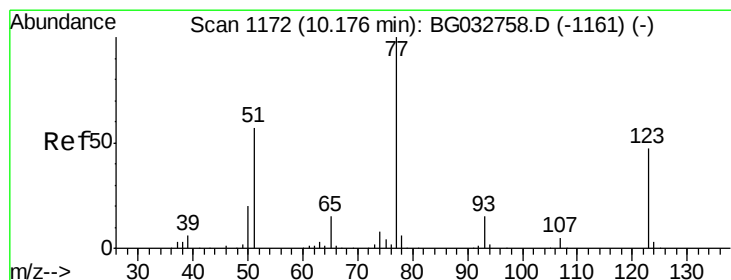
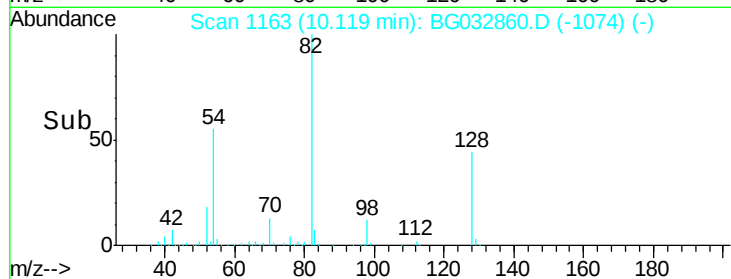
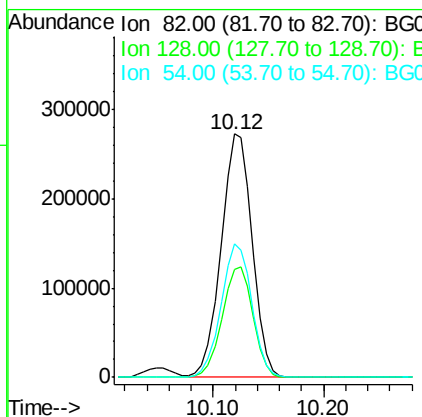
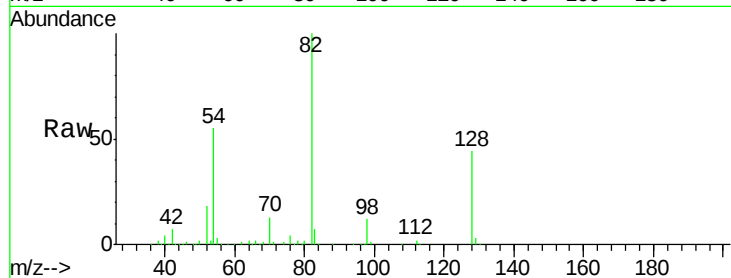
#23
 Nitrobenzene-d5
 Concen: 114.500 ng
 RT: 10.12 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BG032860.D
 Acq: 27 Feb 2018 18:33

Instrument :
 BNA_G
 ClientSampleId :
 T-3-ROADMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.4	29.7	44.5	
54	54.7	43.1	64.7	

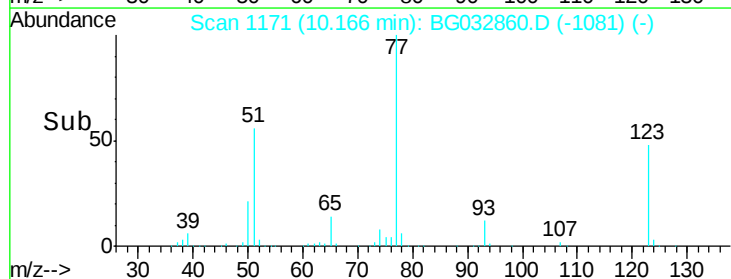
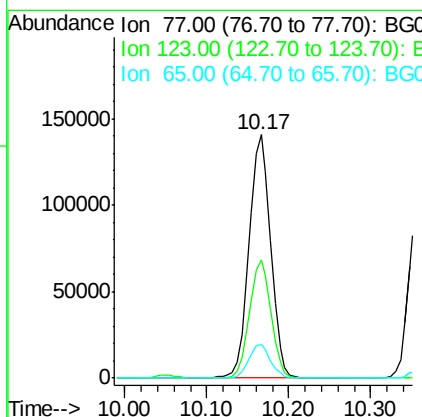
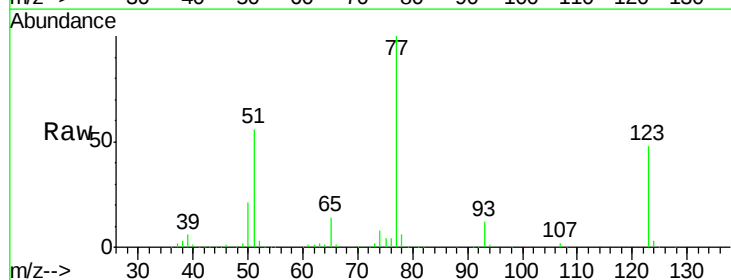
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#24
 Nitrobenzene
 Concen: 51.359 ng
 RT: 10.17 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BG032860.D
 Acq: 27 Feb 2018 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	48.3	33.0	49.6	
65	13.9	13.0	19.6	





#25

Isophorone

Concen: 47.386 ng

RT: 10.69 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

Instrument :

BNA_G

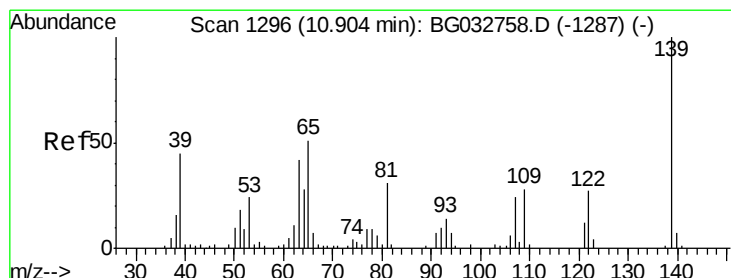
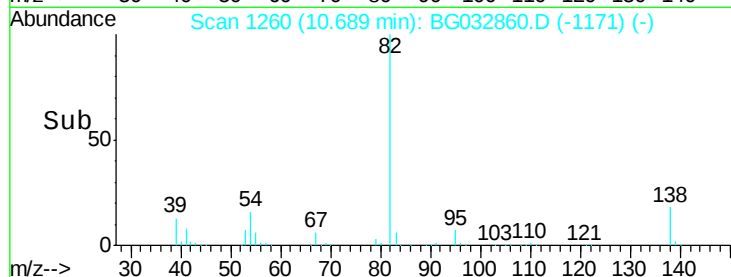
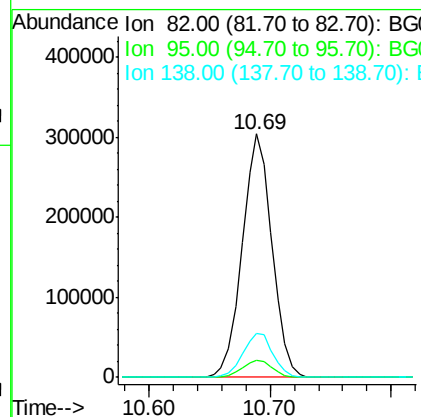
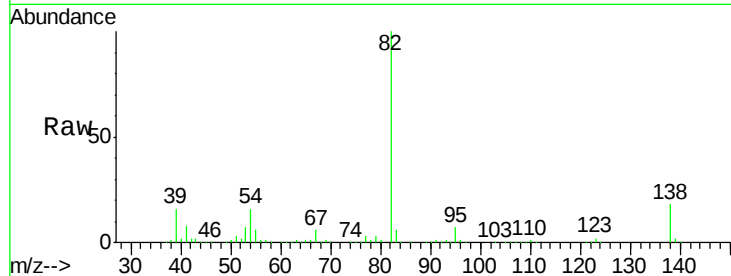
ClientSampleId :

T-3-ROADMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	519819		
95	6.9		6.2	9.2
138	18.1		12.1	18.1#

Manual Integrations
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#26

2-Nitrophenol

Concen: 63.057 ng

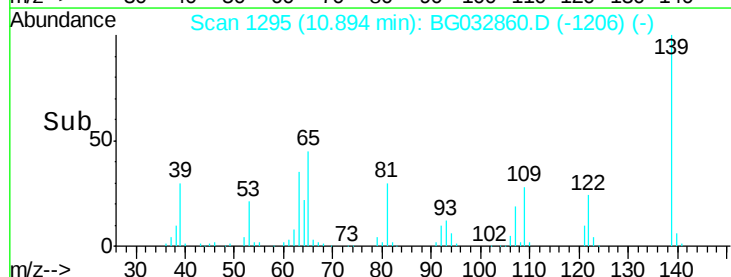
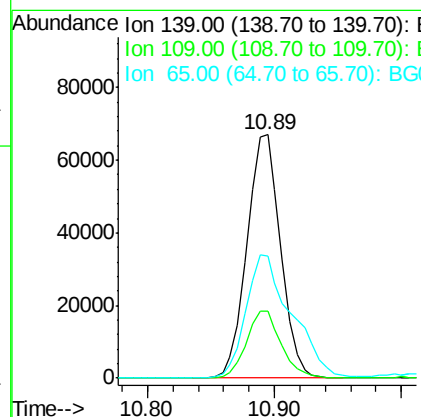
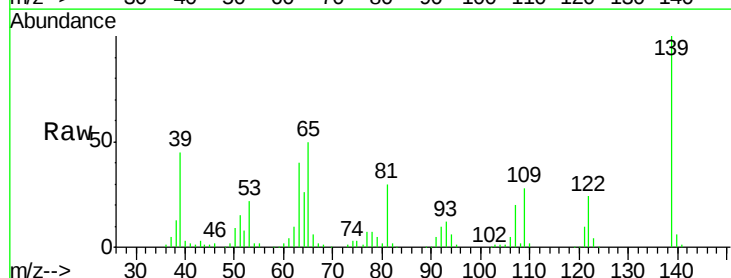
RT: 10.89 min Scan# 1295

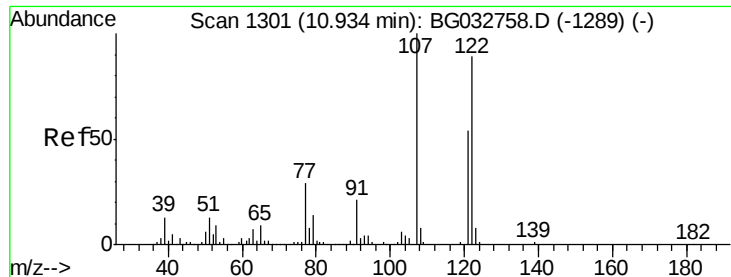
Delta R.T. -0.01 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	123475		
109	27.5		24.2	36.2
65	50.2		47.4	71.0





#27

2,4-Dimethylphenol

Concen: 54.892 ng

RT: 10.92 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

Instrument :

BNA_G

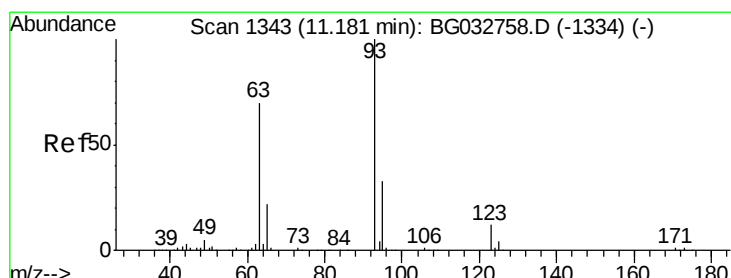
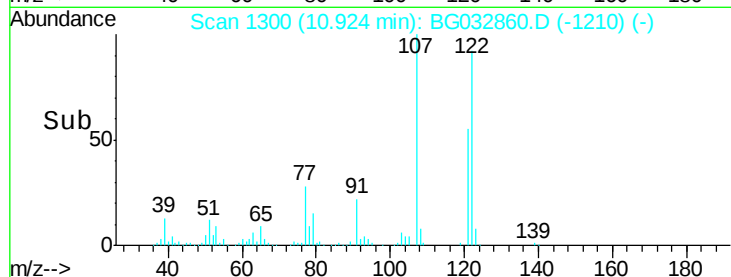
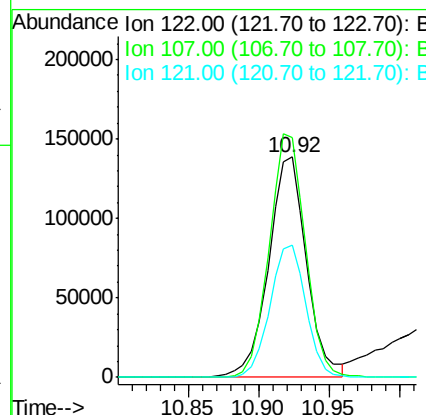
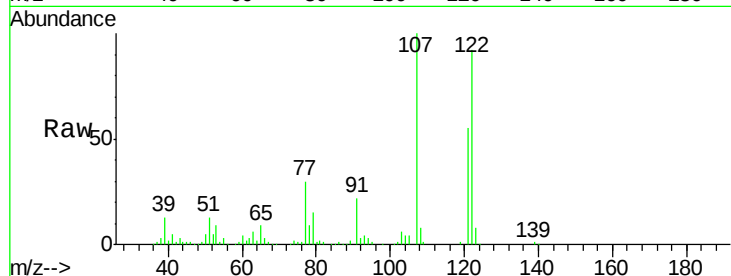
ClientSampleId :

T-3-ROADMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.0	100.2	150.2
121	59.8	44.4	66.6

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#28

bis(2-Chloroethoxy)methane

Concen: 49.260 ng

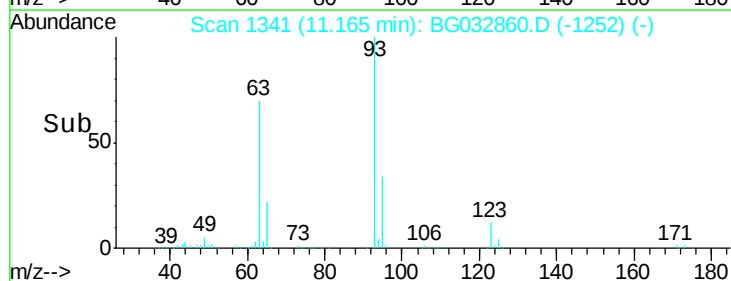
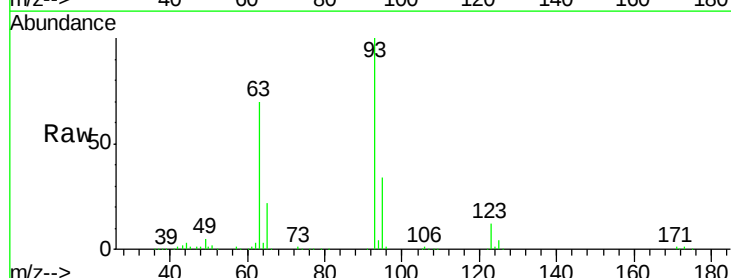
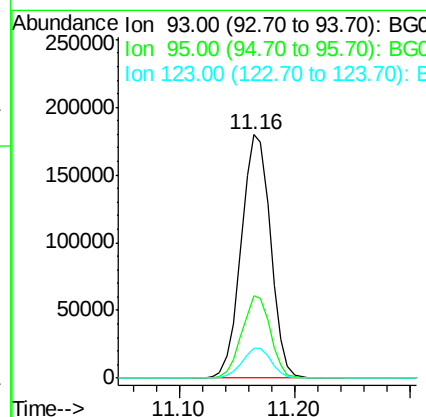
RT: 11.16 min Scan# 1341

Delta R.T. -0.01 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	24.3	36.5
123	12.0	8.4	12.6





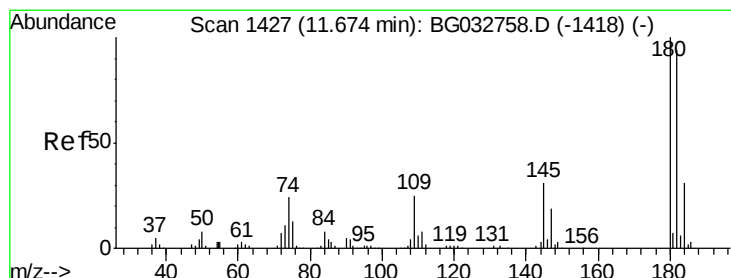
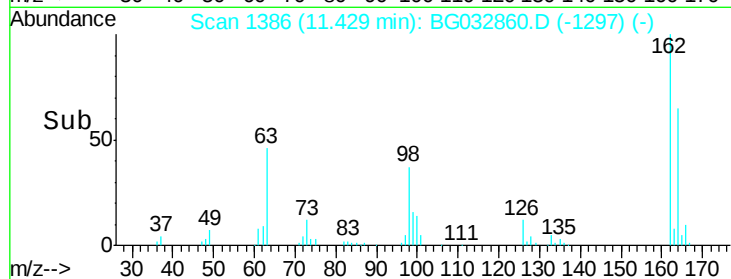
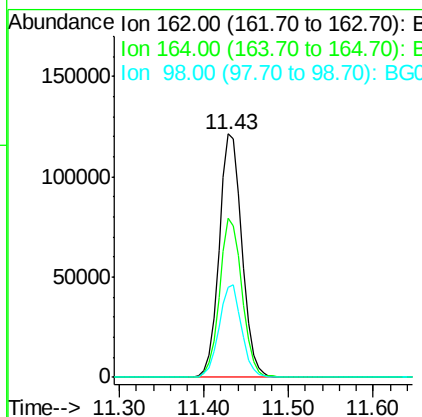
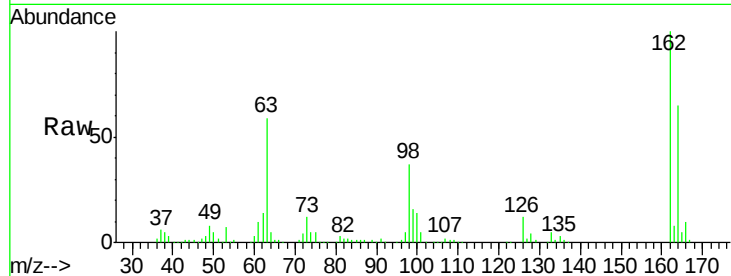
#29
2,4-Dichlorophenol
Concen: 52.447 ng
RT: 11.43 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BG032860.D
Acq: 27 Feb 2018 18:33

Instrument :
BNA_G
ClientSampled :
T-3-ROADMS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.4	48.0	88.0
98	37.1	21.1	61.1

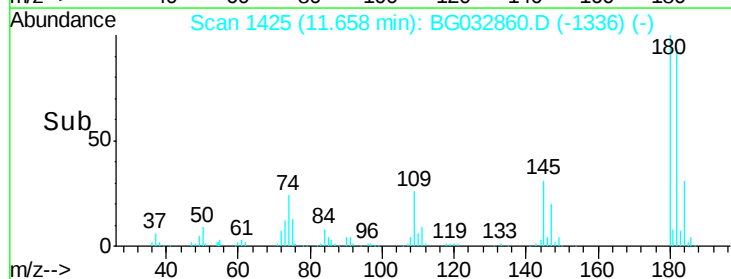
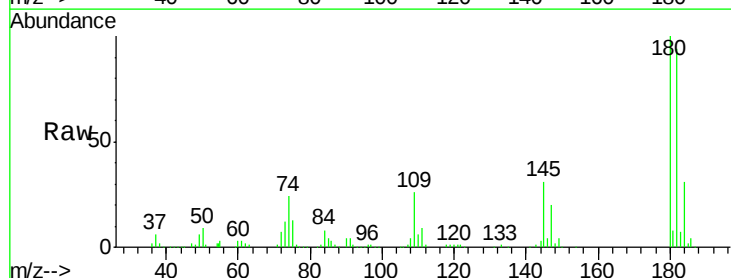
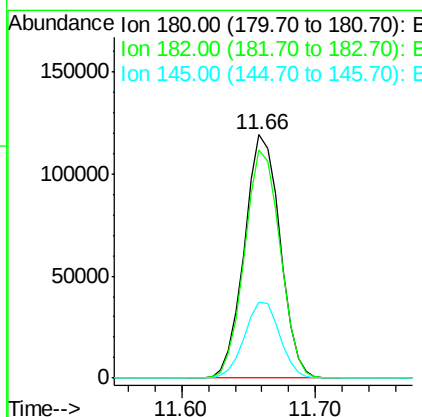
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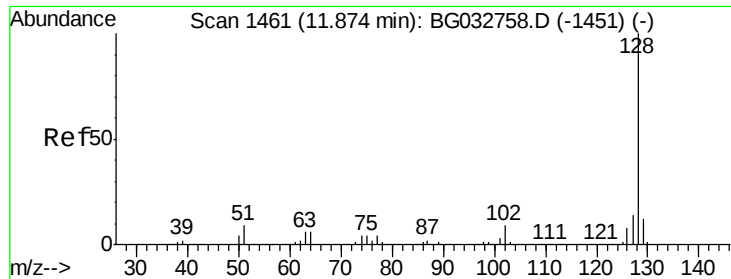
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#30
1,2,4-Trichlorobenzene
Concen: 43.317 ng
RT: 11.66 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BG032860.D
Acq: 27 Feb 2018 18:33

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.9	77.5	116.3
145	31.1	23.4	35.2





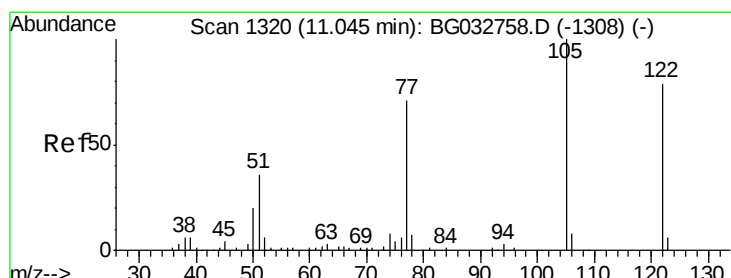
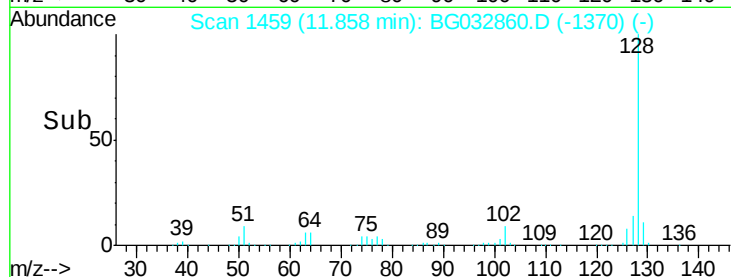
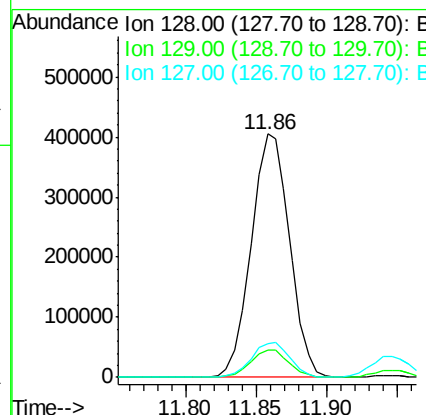
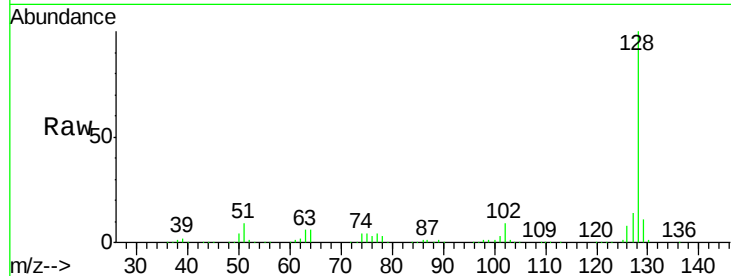
#31
Naphthalene
Concen: 47.165 ng
RT: 11.86 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BG032860.D
Acq: 27 Feb 2018 18:33

Instrument :
BNA_G
ClientSampleId :
T-3-ROADMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	12.8
127	14.0	11.6	17.4

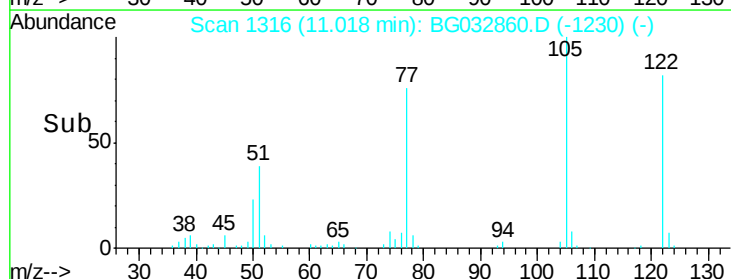
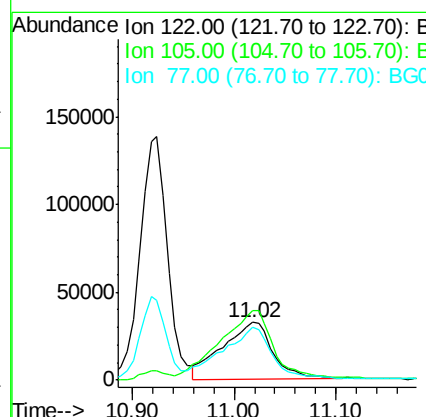
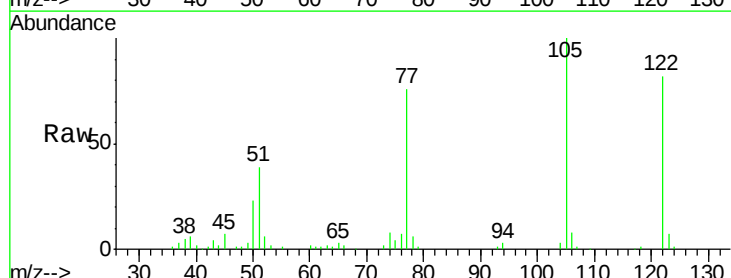
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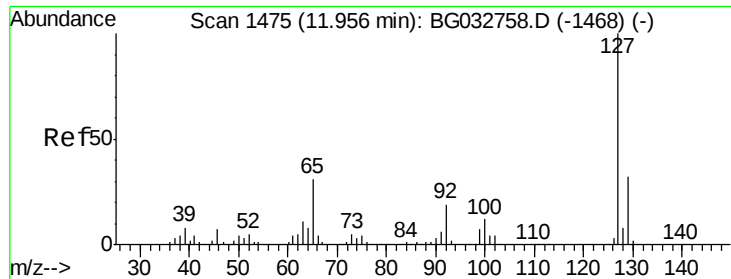
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#32
Benzoic acid
Concen: 40.528 ng
RT: 11.02 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BG032860.D
Acq: 27 Feb 2018 18:33

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.7	123.5	163.5#
77	92.5	85.7	125.7





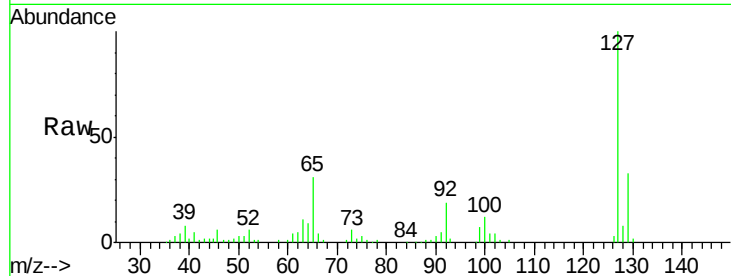
#33
4-Chloroaniline
Concen: 9.352 ng
RT: 11.95 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BG032860.D
Acq: 27 Feb 2018 18:33

Instrument :
BNA_G
ClientSampleId :
T-3-ROADMS

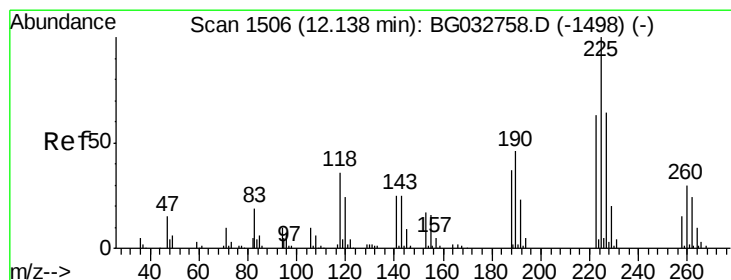
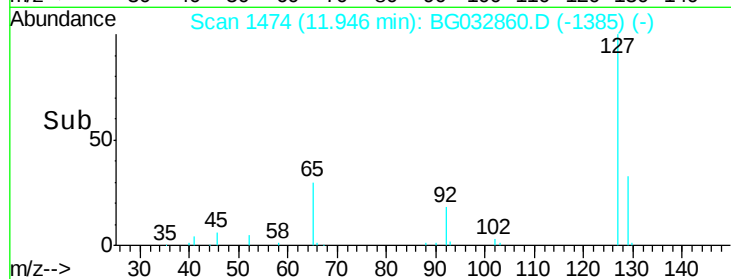
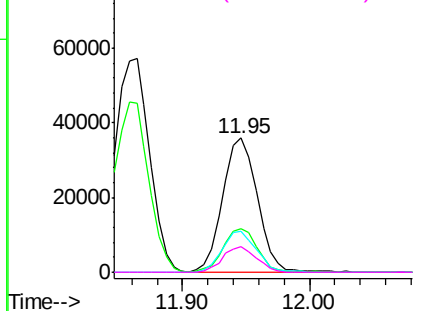
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		68292		
129	32.5	24.0	36.0		
65	30.7	27.0	40.4		
92	18.7	16.6	25.0		

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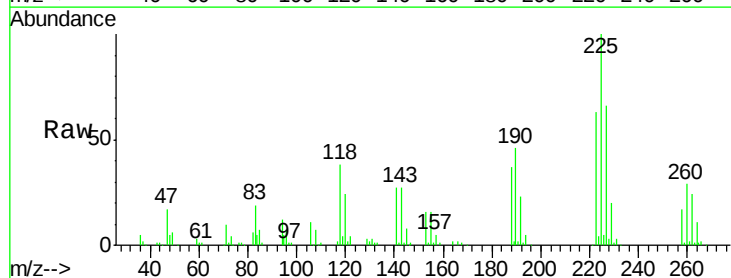


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

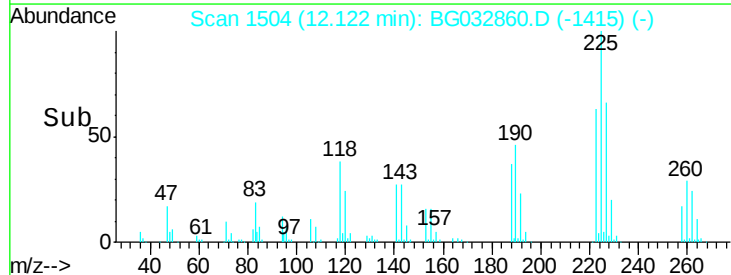
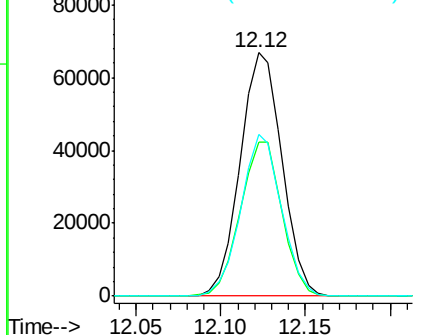


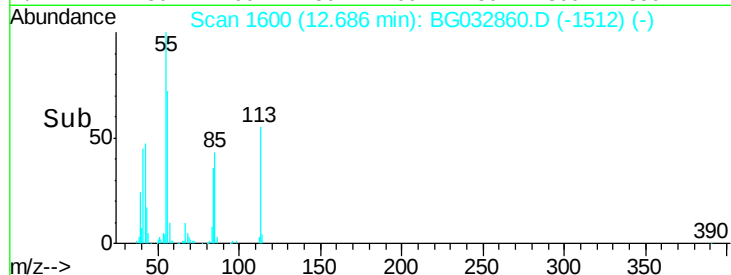
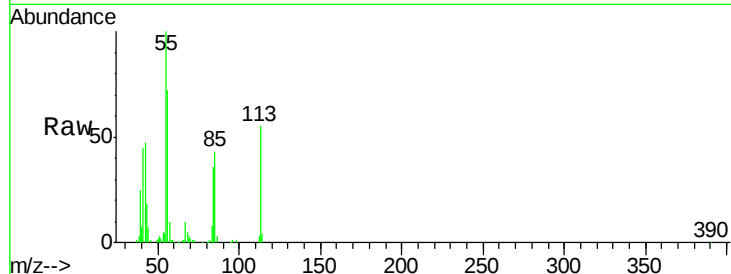
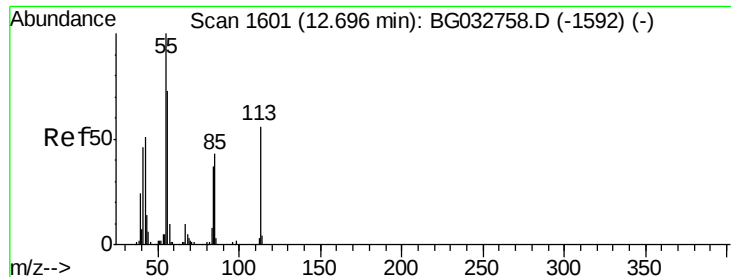
#34
Hexachlorobutadiene
Concen: 40.325 ng
RT: 12.12 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BG032860.D
Acq: 27 Feb 2018 18:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		114675		
223	63.0	49.7	74.5		
227	66.4	48.1	72.1		



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





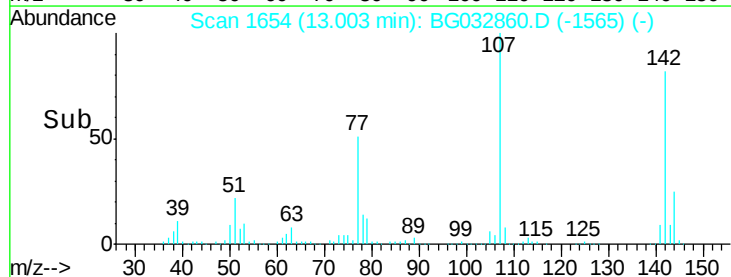
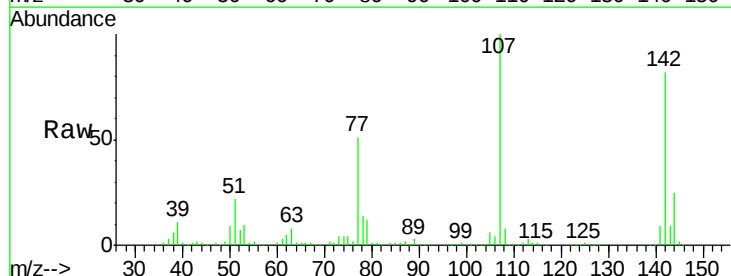
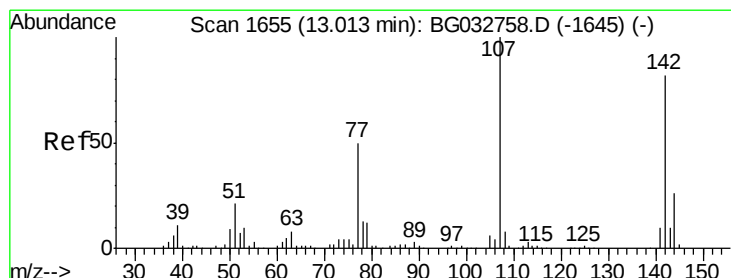
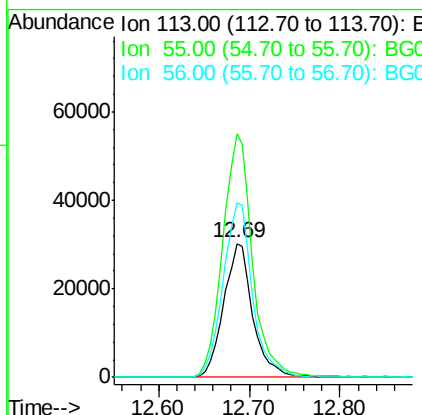
#35
Caprolactam
Concen: 38.881 ng
RT: 12.69 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BG032860.D
Acq: 27 Feb 2018 18:33

Instrument :
BNA_G
ClientSampleId :
T-3-ROADMS

Tot Ion	Ratio	Lower	Upper
113	100		
55	182.1	186.9	226.9#
56	130.7	130.9	170.9#

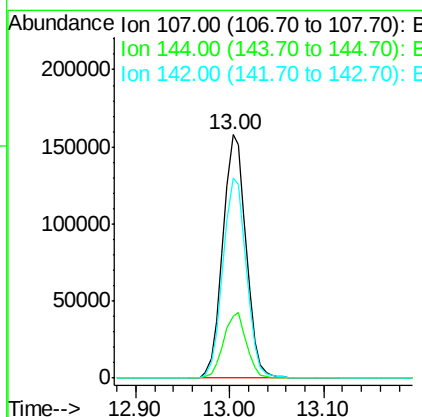
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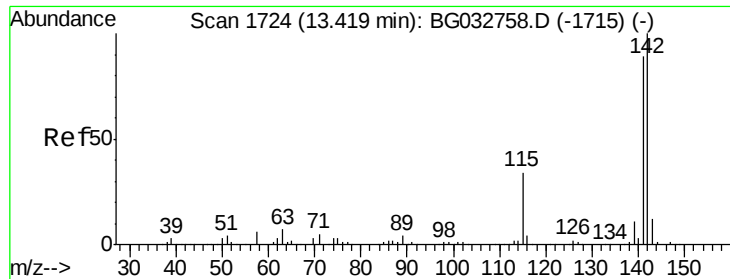
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#36
4-Chloro-3-methylphenol
Concen: 54.328 ng
RT: 13.00 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BG032860.D
Acq: 27 Feb 2018 18:33

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.3	18.2	27.4
142	82.3	59.0	88.4





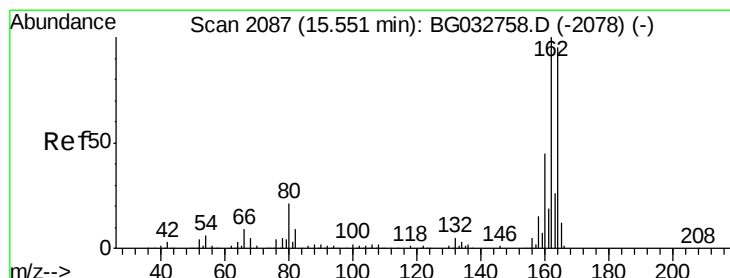
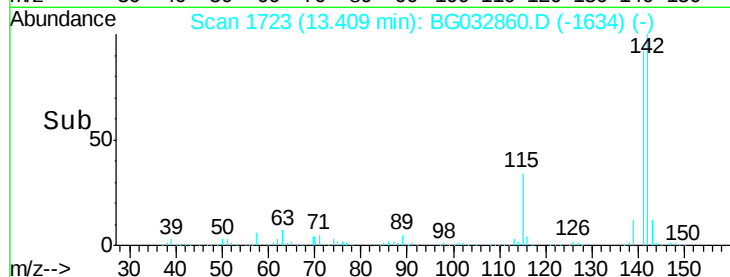
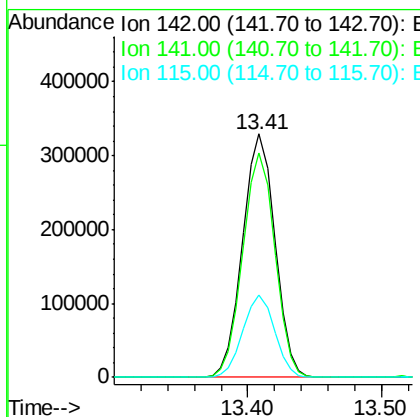
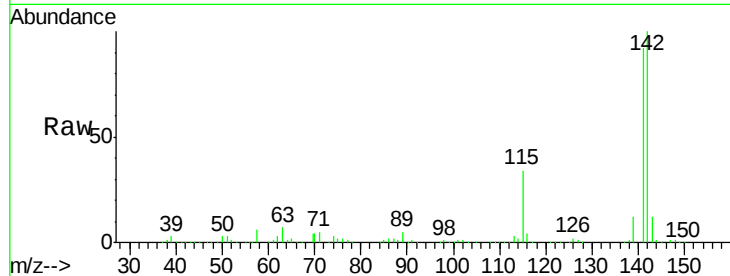
#37
2-Methylnaphthalene
Concen: 46.680 ng
RT: 13.41 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BG032860.D
Acq: 27 Feb 2018 18:33

Instrument :
BNA_G
ClientSampleId :
T-3-ROADMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.4	67.1	100.7
115	34.0	30.7	46.1

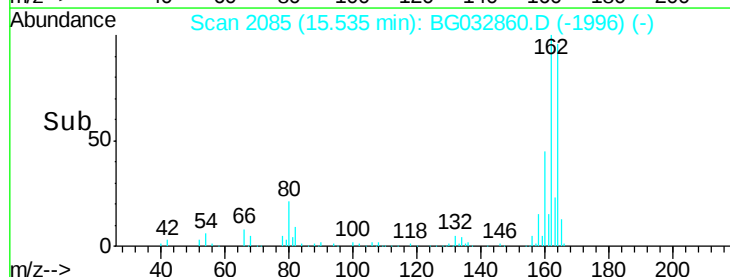
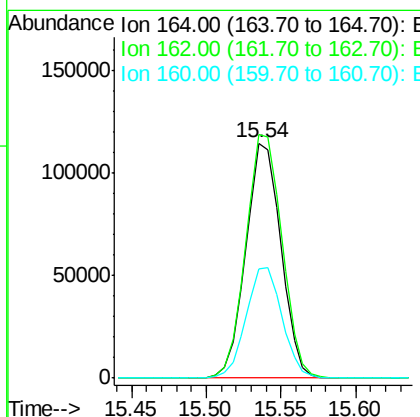
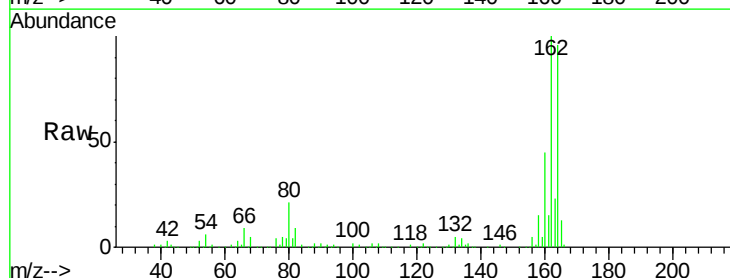
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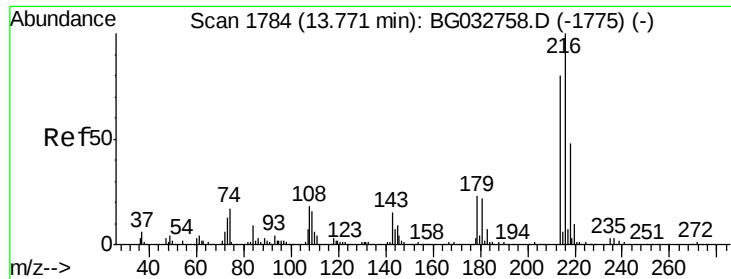
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.01 min
Lab File: BG032860.D
Acq: 27 Feb 2018 18:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	78.8	118.2
160	46.4	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.384 ng

RT: 13.76 min Scan# 1783

Delta R.T. -0.00 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

Instrument :

BNA_G

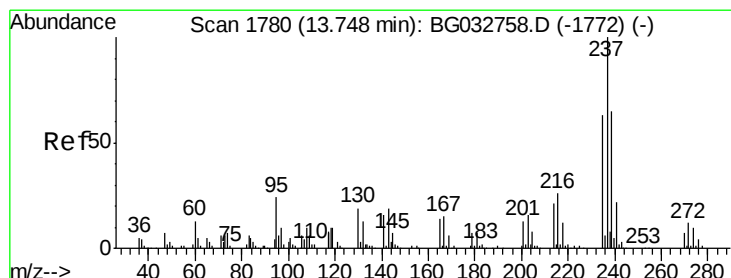
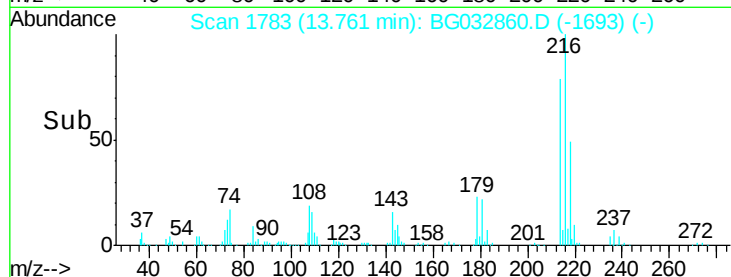
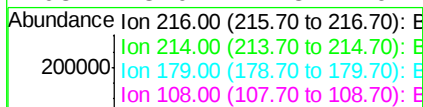
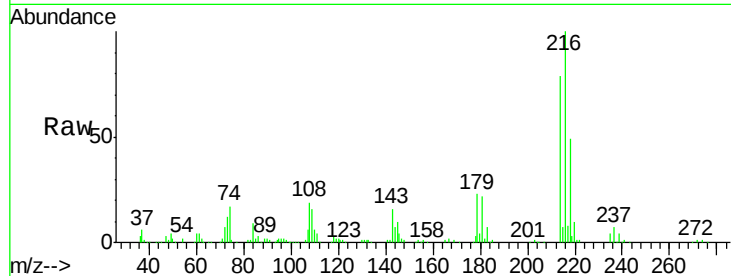
ClientSampleId :

T-3-ROADMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		227632		
214	79.2		63.0	94.4	
179	22.8		17.0	25.6	
108	23.0		12.8	19.2	

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 88.354 ng

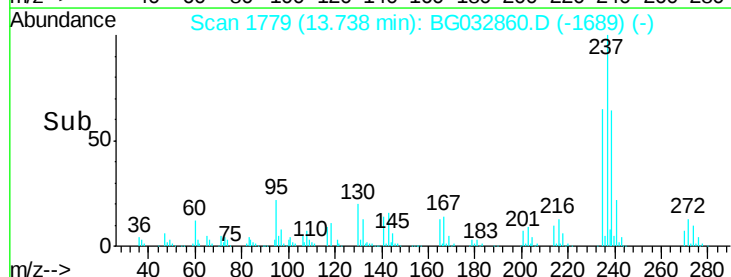
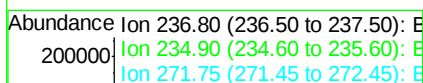
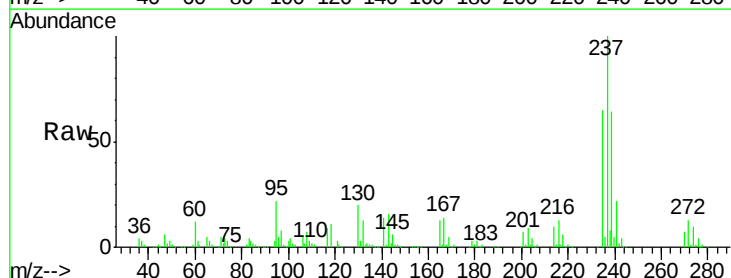
RT: 13.74 min Scan# 1779

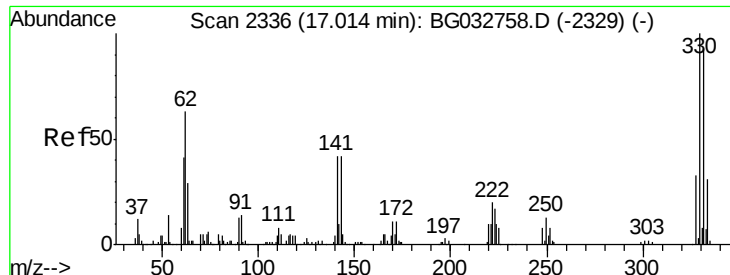
Delta R.T. -0.00 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		247676		
235	64.5		50.4	90.4	
272	12.7		0.0	31.8	





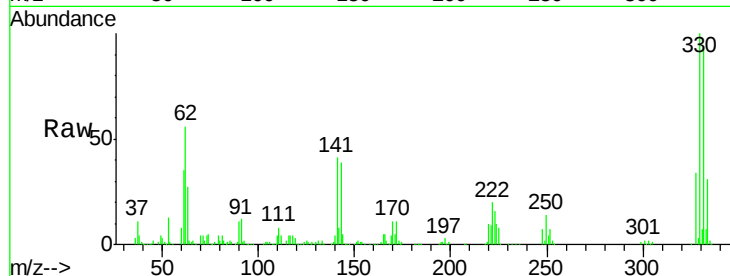
#41
 2,4,6-Tribromophenol
 Concen: 166.703 ng
 RT: 17.01 min Scan# 2336
 Delta R.T. -0.00 min
 Lab File: BG032860.D
 Acq: 27 Feb 2018 18:33

Instrument :
 BNA_G
 ClientSampleId :
 T-3-ROADMS

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.0	115.6
141	42.7	25.2	37.8

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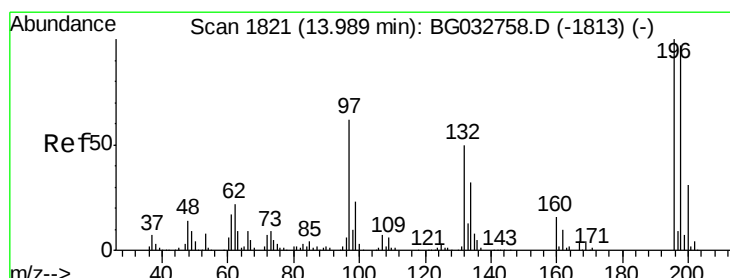
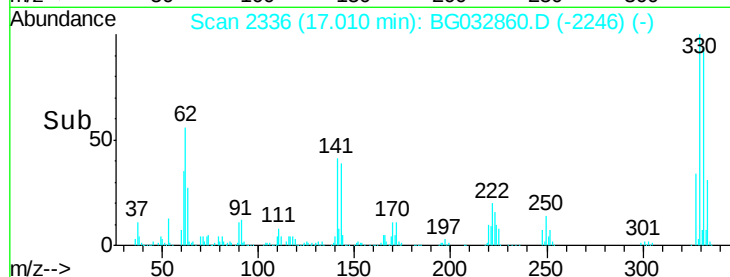
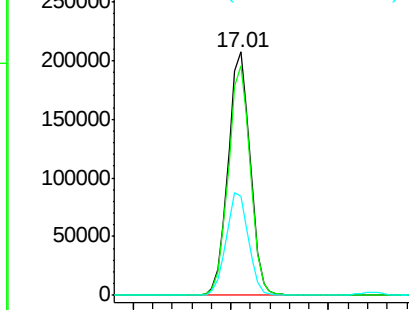


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 51.112 ng
 RT: 13.98 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BG032860.D
 Acq: 27 Feb 2018 18:33

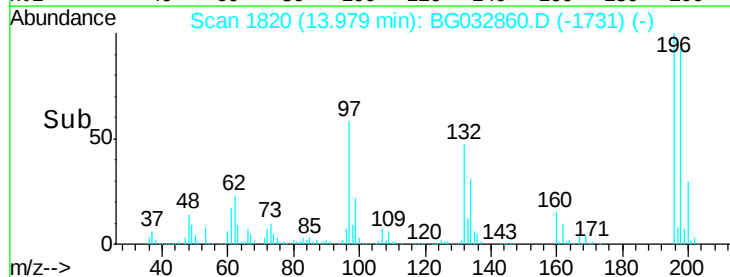
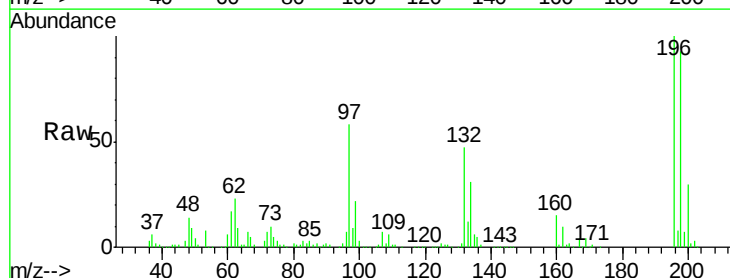
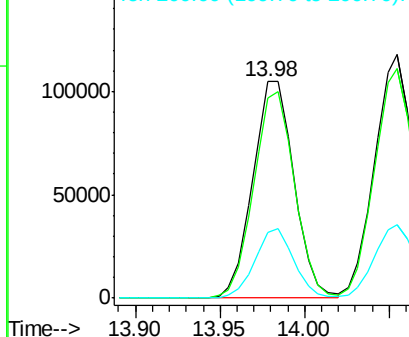
Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.5	78.2	117.2
200	30.1	24.6	36.8

Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





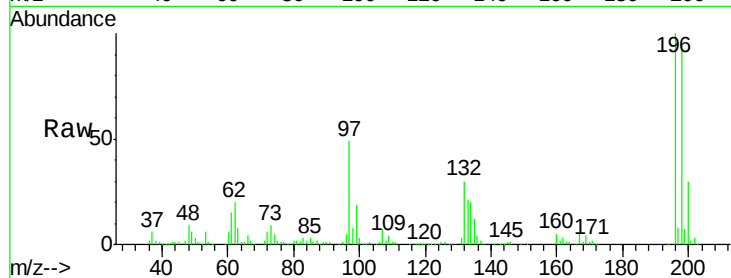
#43
 2,4,5-Trichlorophenol
 Concen: 49.078 ng
 RT: 14.05 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: BG032860.D
 Acq: 27 Feb 2018 18:33

Instrument :
 BNA_G
 ClientSampleId :
 T-3-ROADMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	197033		
198	94.2	76.2	114.4	
97	49.3	38.7	58.1	
132	29.8	20.2	30.2	

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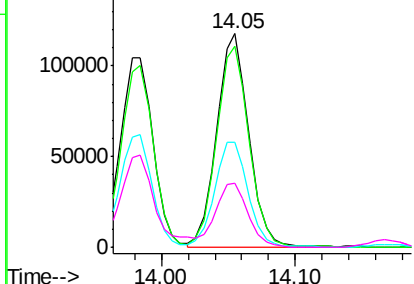
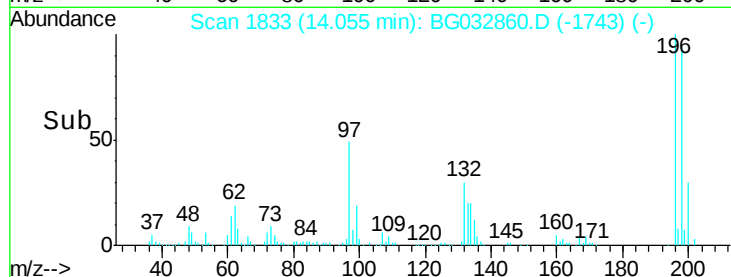
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

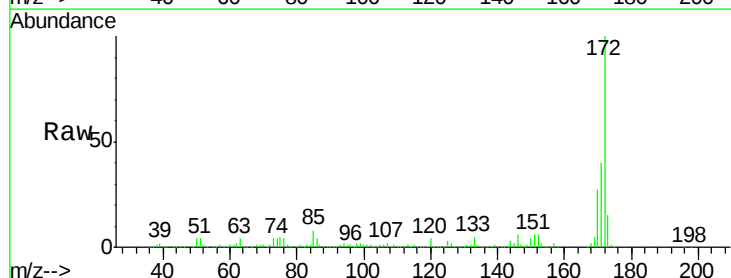
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 92.770 ng
 RT: 14.17 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BG032860.D
 Acq: 27 Feb 2018 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1191851		
171	39.8	30.0	45.0	
170	26.7	19.5	29.3	

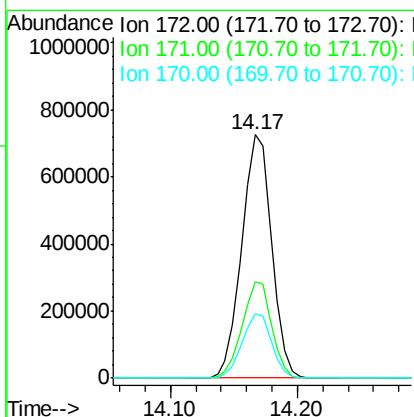
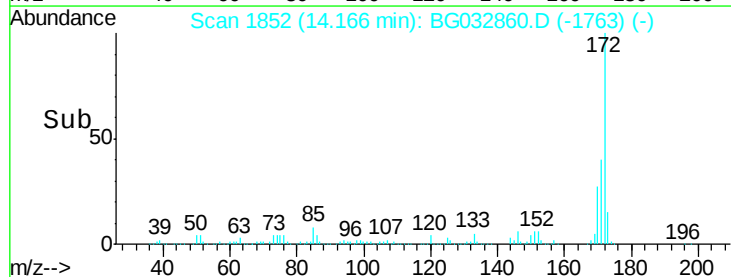


Abundance

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





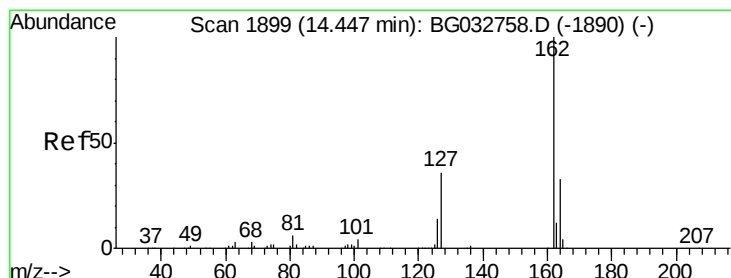
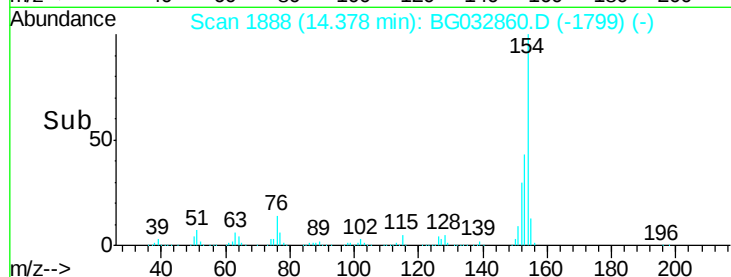
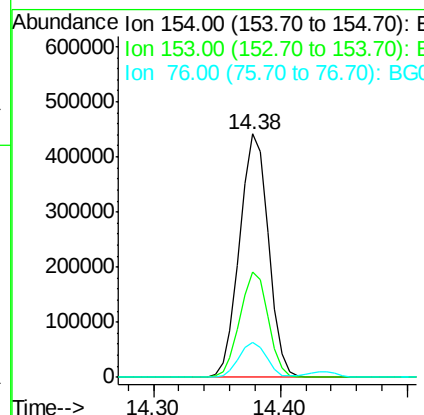
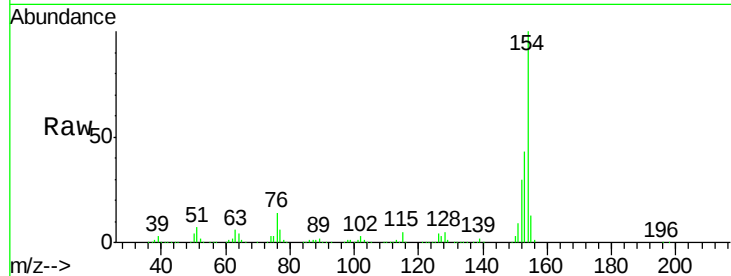
#45
 1,1'-Biphenyl
 Concen: 42.797 ng
 RT: 14.38 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: BG032860.D
 Acq: 27 Feb 2018 18:33

Instrument :
 BNA_G
 ClientSampled :
 T-3-ROADMS

Tot Ion	Ratio	Lower	Upper
154	100		
153	43.1	19.8	59.8
76	14.3	0.0	31.9

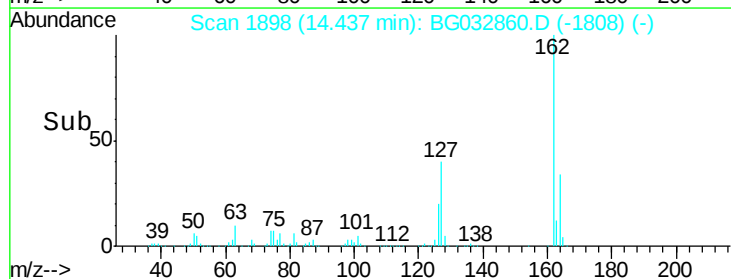
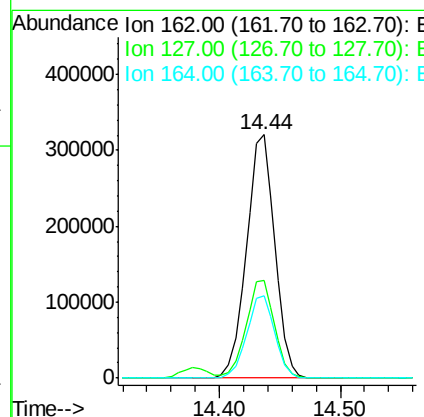
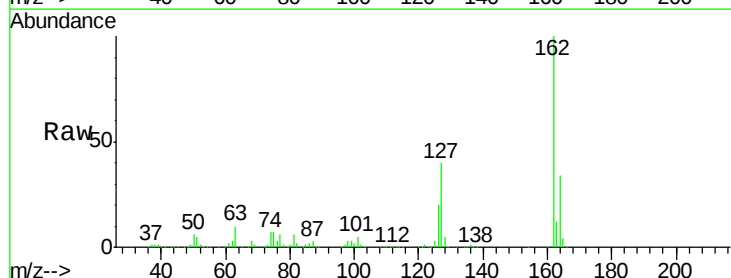
Manual Integrations
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#46
 2-Chloronaphthalene
 Concen: 43.188 ng
 RT: 14.44 min Scan# 1898
 Delta R.T. -0.00 min
 Lab File: BG032860.D
 Acq: 27 Feb 2018 18:33

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.1	30.7	46.1
164	33.6	26.0	39.0





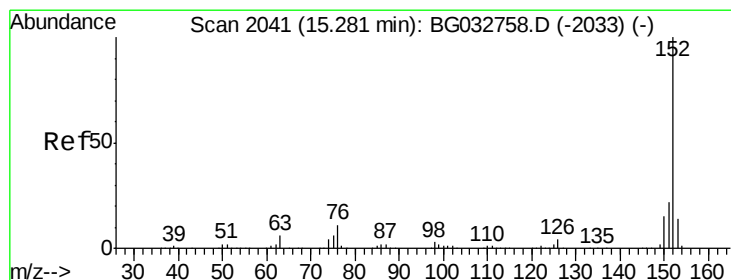
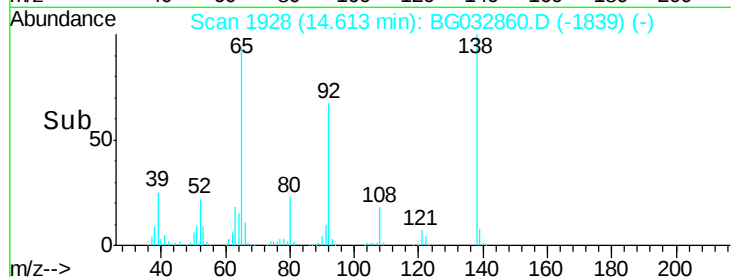
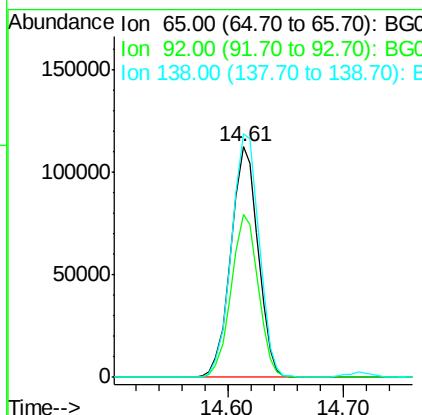
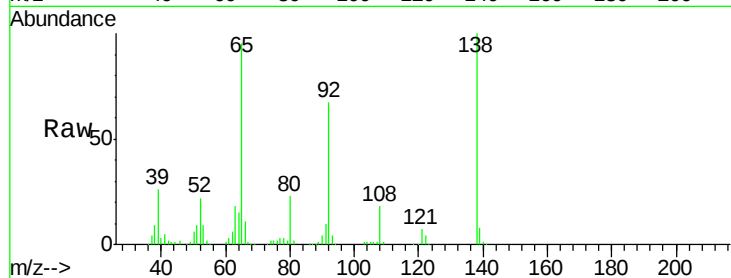
#47
2-Nitroaniline
Concen: 57.861 ng
RT: 14.61 min Scan# 1928
Delta R.T. -0.01 min
Lab File: BG032860.D
Acq: 27 Feb 2018 18:33

Instrument :
BNA_G
ClientSampleId :
T-3-ROADMS

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.6	54.6	82.0
138	105.8	72.9	109.3

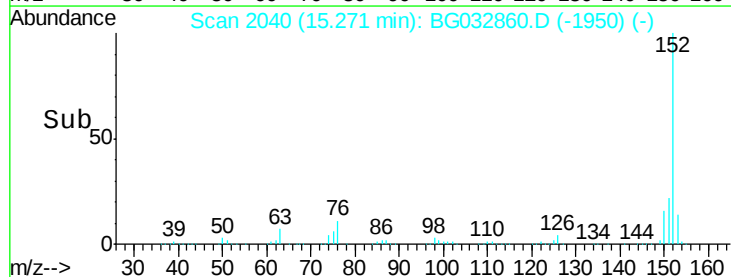
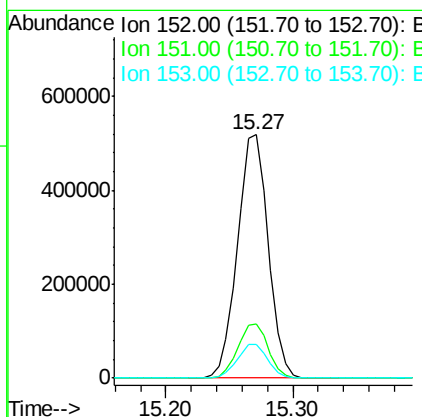
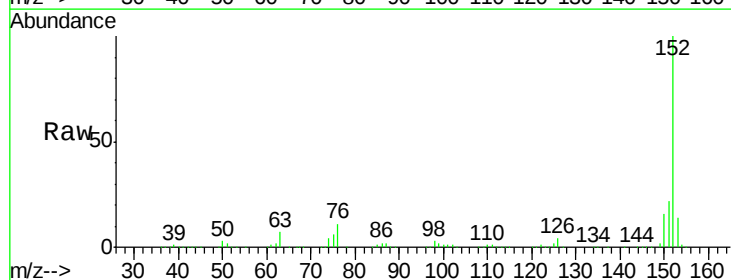
Manual Integrations
APPROVED

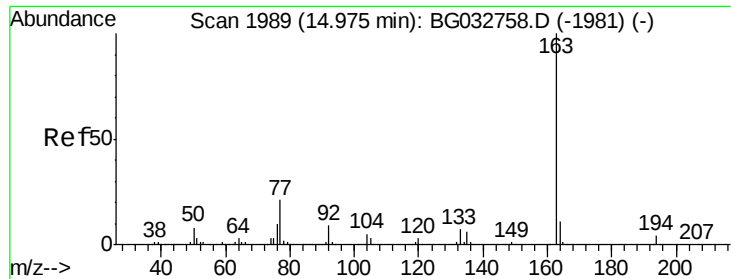
Sohil
2/28/2018 1:01:37 PM



#48
Acenaphthylene
Concen: 43.872 ng
RT: 15.27 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG032860.D
Acq: 27 Feb 2018 18:33

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.5	17.2	25.8
153	13.8	10.2	15.4





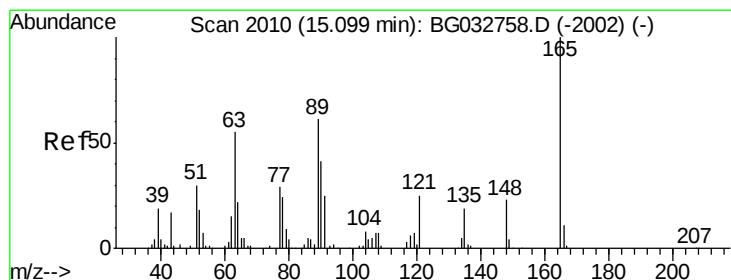
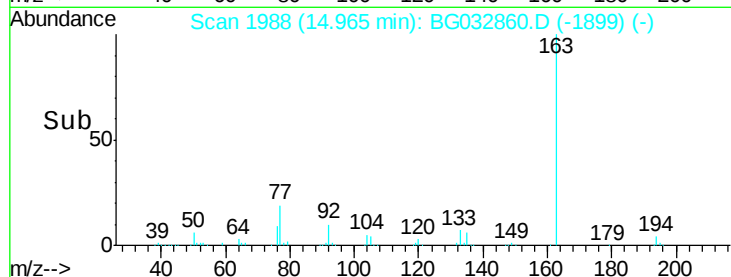
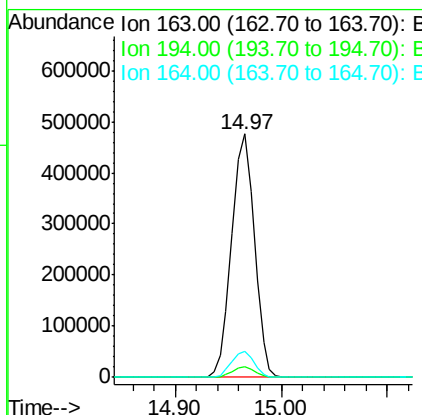
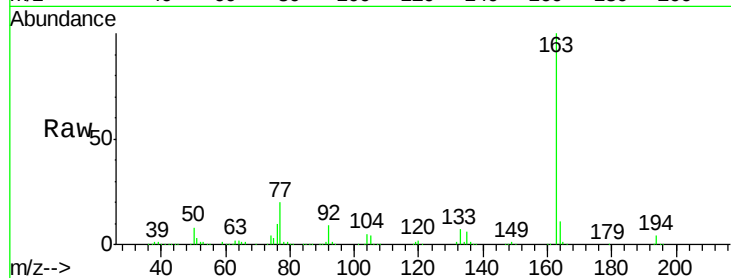
#49
Dimethylphthalate
Concen: 45.074 ng
RT: 14.97 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BG032860.D
Acq: 27 Feb 2018 18:33

Instrument :
BNA_G
ClientSampleId :
T-3-ROADMS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	709141		
194	4.1		3.4	5.2
164	10.9		8.2	12.4

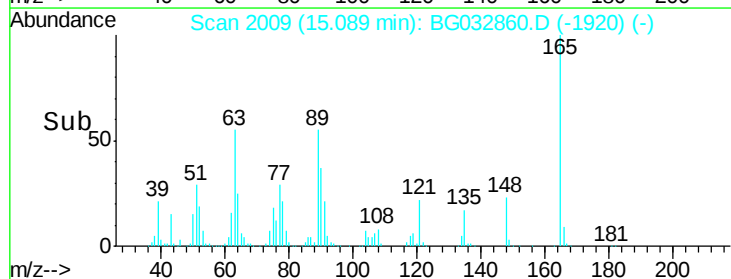
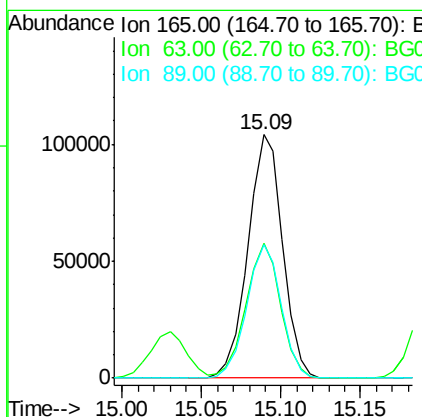
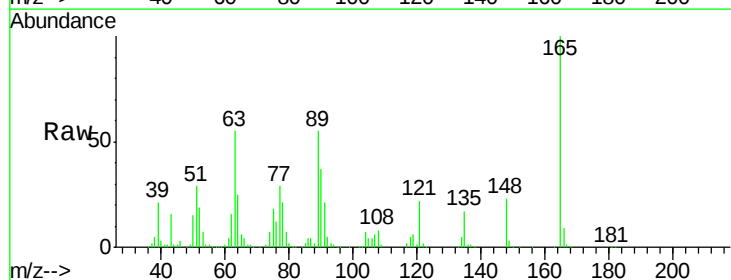
Manual Integrations
APPROVED

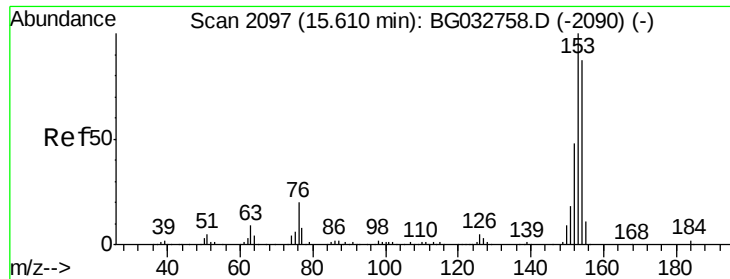
Sohil
2/28/2018 1:01:37 PM



#50
2,6-Dinitrotoluene
Concen: 58.245 ng
RT: 15.09 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG032860.D
Acq: 27 Feb 2018 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	157745		
63	55.3		52.7	79.1
89	55.1		49.2	73.8





#51

Acenaphthene

Concen: 46.817 ng

RT: 15.60 min Scan# 2096

Delta R.T. -0.01 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

Instrument :

BNA_G

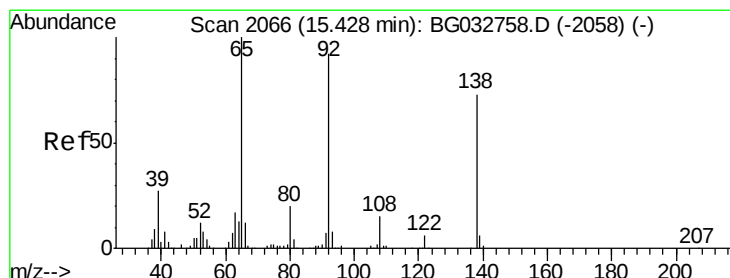
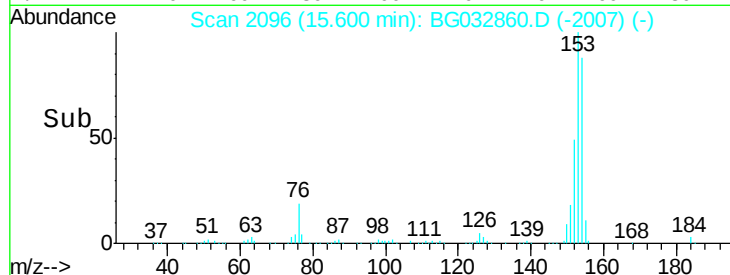
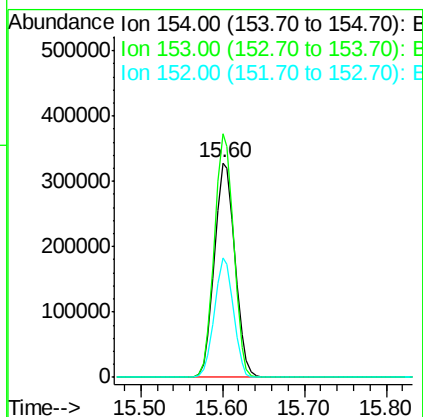
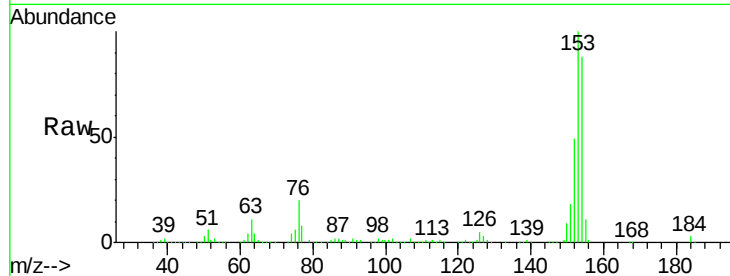
ClientSampleId :

T-3-ROADMS

Tot Ion:	154	Resp:	577368
Ion	Ratio	Lower	Upper
154	100		
153	113.4	90.4	135.6
152	55.7	41.6	62.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 26.052 ng

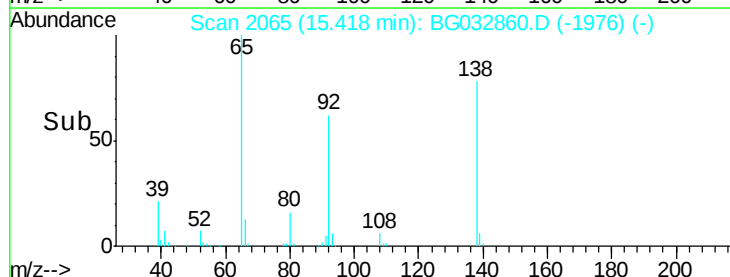
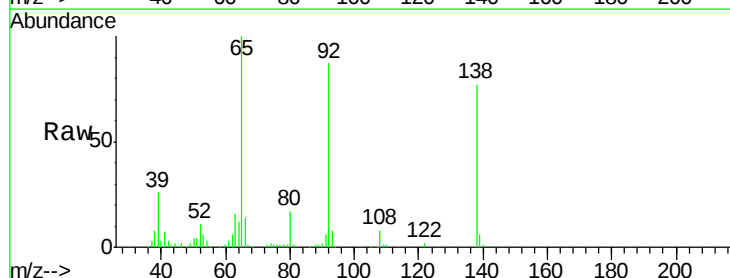
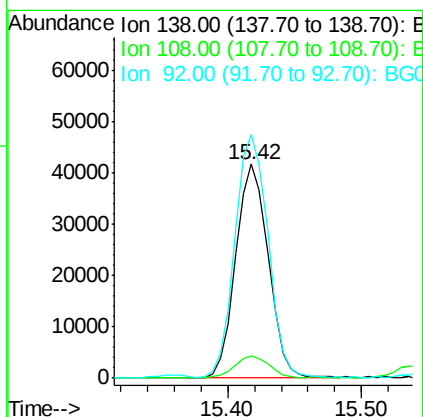
RT: 15.42 min Scan# 2065

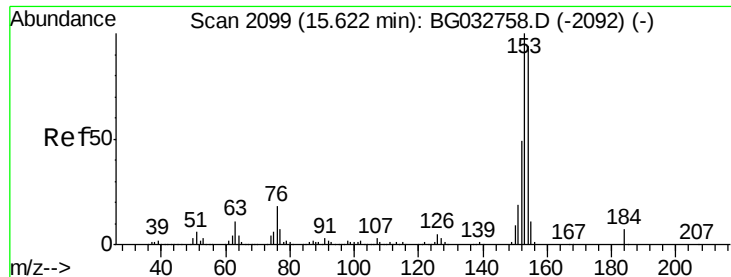
Delta R.T. -0.01 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

Tgt Ion:	138	Resp:	70743
Ion	Ratio	Lower	Upper
138	100		
108	10.6	17.5	26.3#
92	113.9	105.8	158.8





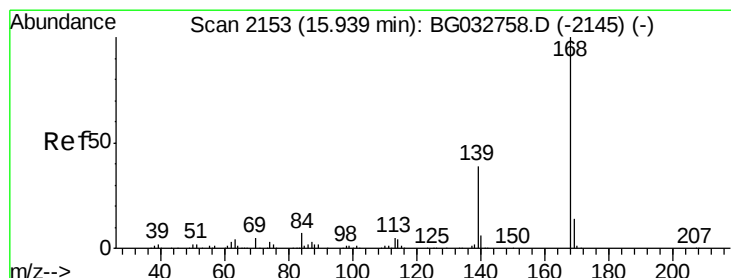
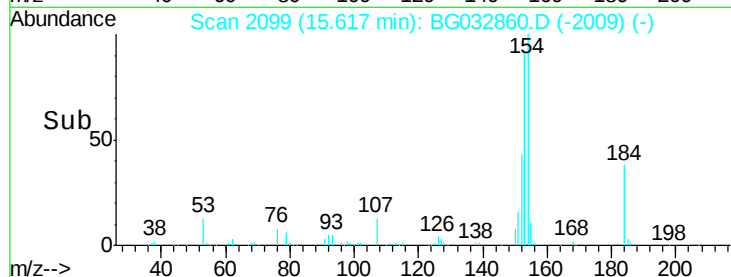
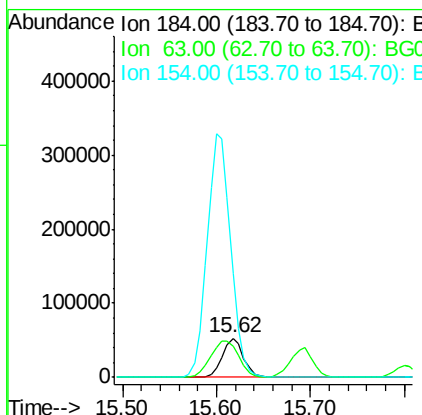
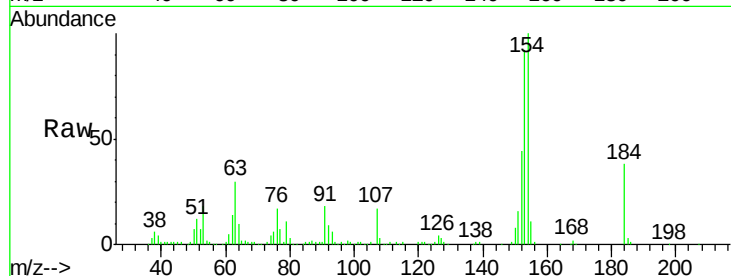
#53
 2,4-Dinitrophenol
 Concen: 95.589 ng
 RT: 15.62 min Scan# 2099
 Delta R.T. -0.00 min
 Lab File: BG032860.D
 Acq: 27 Feb 2018 18:33

Instrument :
 BNA_G
 ClientSampleId :
 T-3-ROADMS

Tot Ion	Ratio	Lower	Upper
184	100		
63	80.5	59.8	89.8
154	265.1	101.8	152.8#

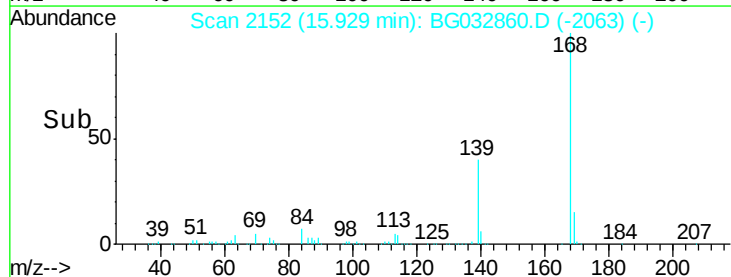
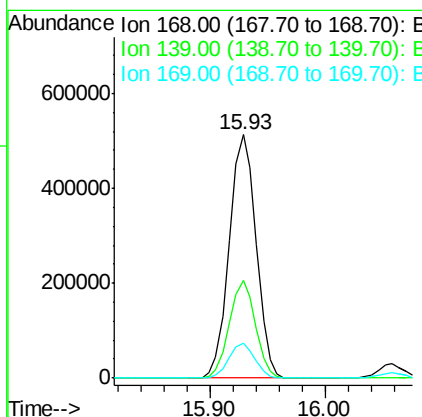
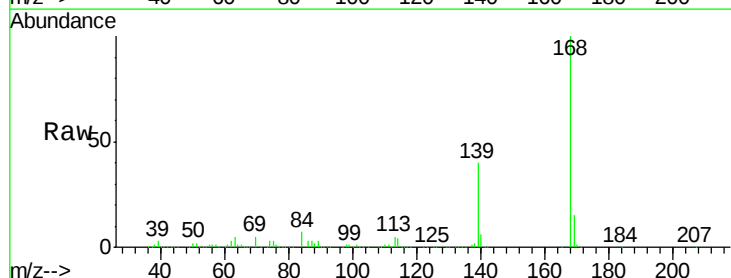
Manual Integrations
 APPROVED

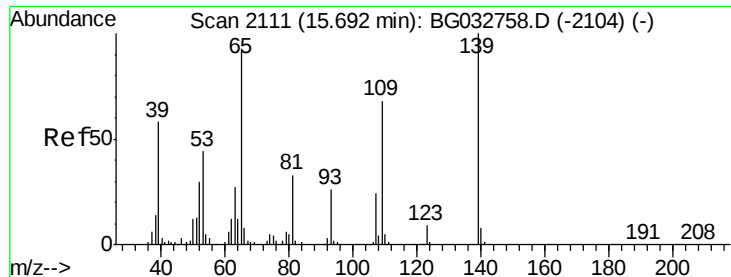
Sohil
 2/28/2018 1:01:37 PM



#54
 Dibenzofuran
 Concen: 46.906 ng
 RT: 15.93 min Scan# 2152
 Delta R.T. -0.01 min
 Lab File: BG032860.D
 Acq: 27 Feb 2018 18:33

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.2	28.6	43.0
169	14.5	11.2	16.8





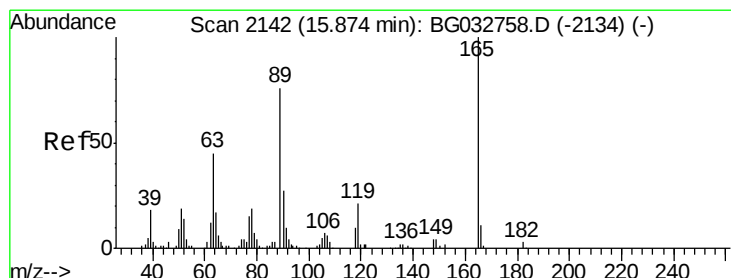
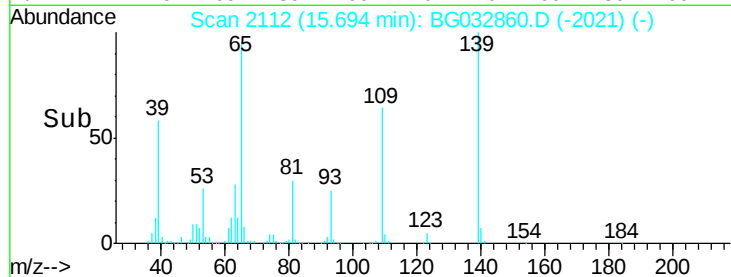
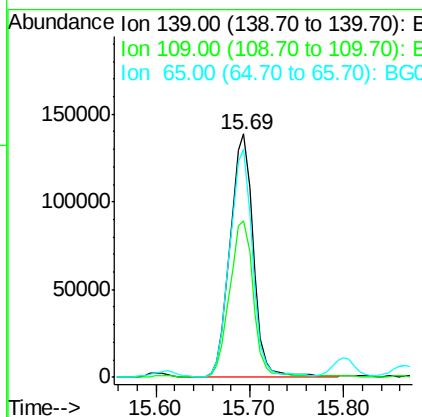
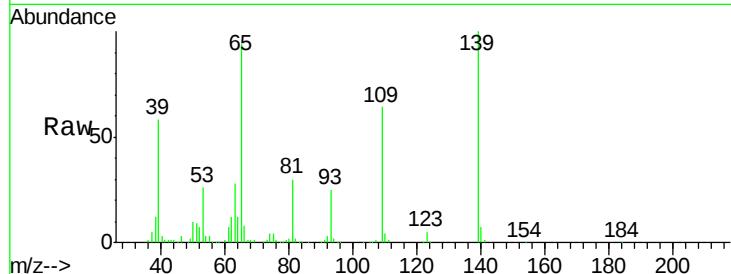
#55
4-Nitrophenol
Concen: 91.895 ng
RT: 15.69 min Scan# 2112
Delta R.T. 0.01 min
Lab File: BG032860.D
Acq: 27 Feb 2018 18:33

Instrument :
BNA_G
ClientSampleId :
T-3-ROADMS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	239731		
109	64.3	62.2	102.2	
65	93.7	97.2	137.2#	

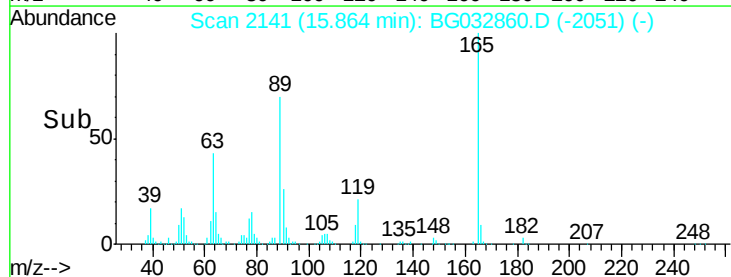
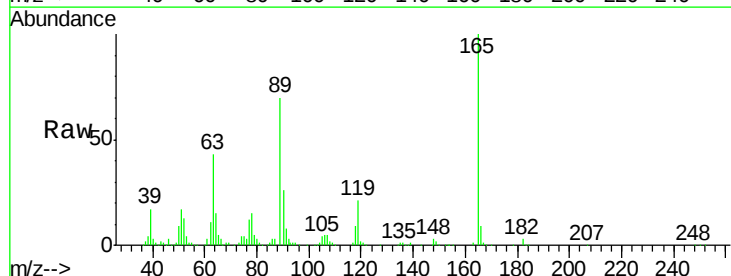
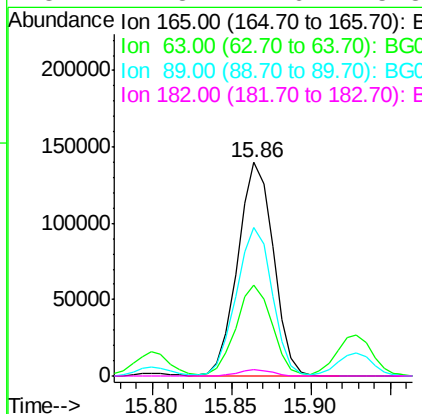
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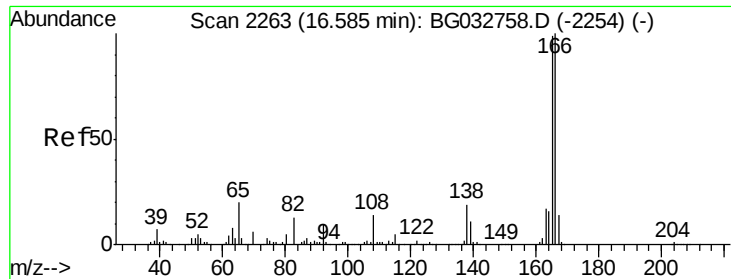
Sohil
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#56
2,4-Dinitrotoluene
Concen: 64.982 ng
RT: 15.86 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BG032860.D
Acq: 27 Feb 2018 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	217622		
63	42.7	42.0	63.0	
89	69.7	66.9	100.3	
182	2.8	2.6	3.8	





#57

Fluorene

Concen: 46.019 ng

RT: 16.57 min Scan# 2261

Delta R.T. -0.01 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

Instrument :

BNA_G

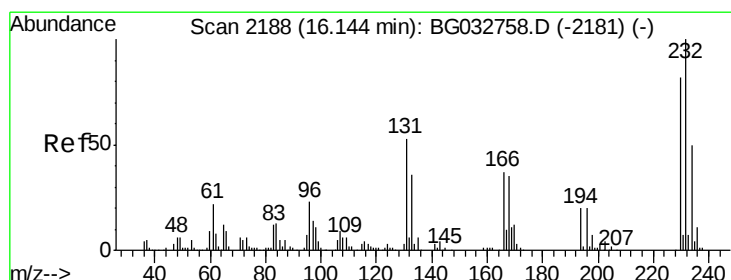
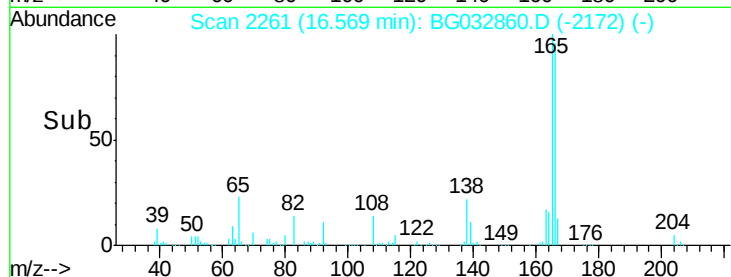
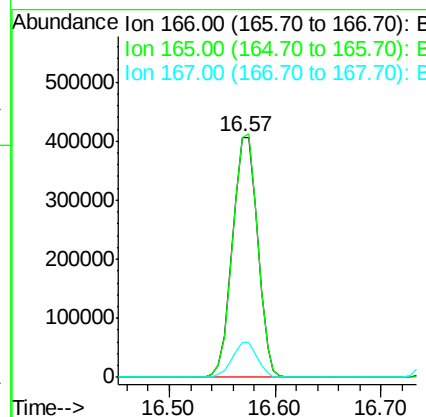
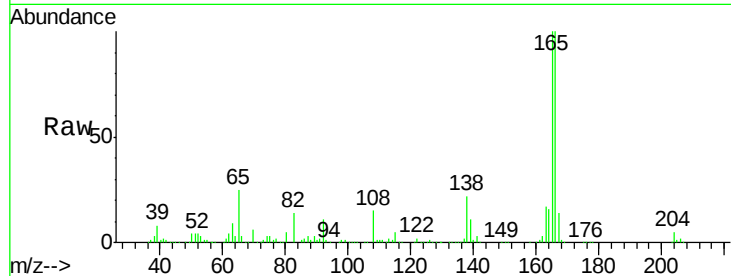
ClientSampled :

T-3-ROADMS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	666973		
165	99.6	80.6	121.0	
167	14.4	10.4	15.6	

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 54.053 ng m

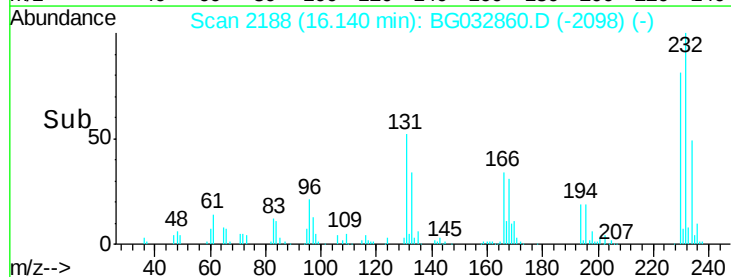
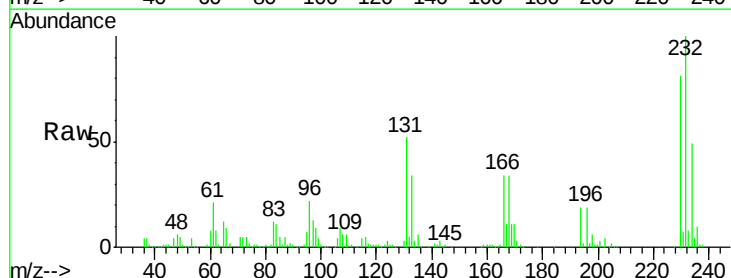
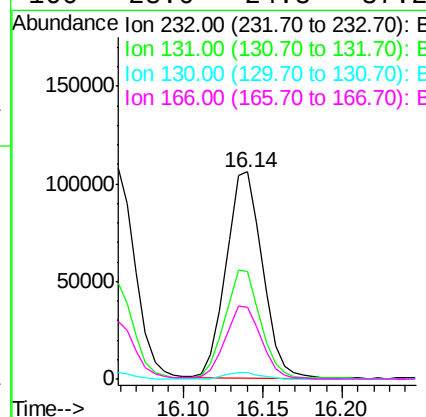
RT: 16.14 min Scan# 2188

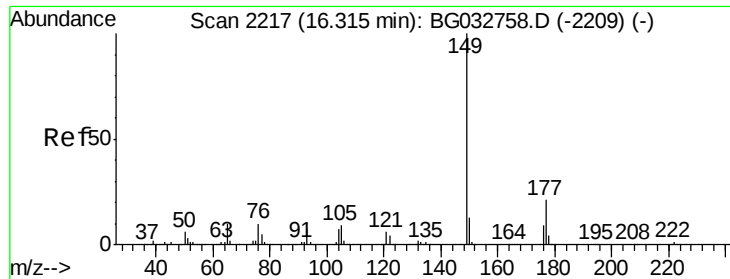
Delta R.T. -0.00 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	168483		
131	45.6	33.5	50.3	
130	2.9	2.2	3.2	
166	28.0	24.8	37.2	





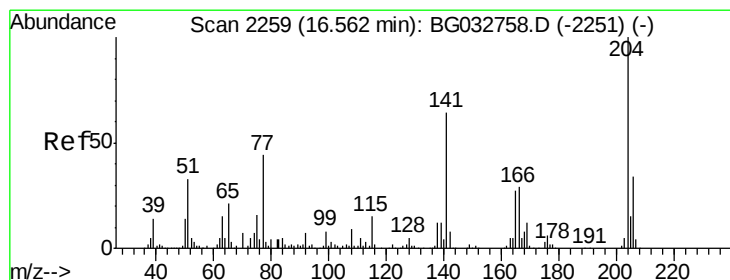
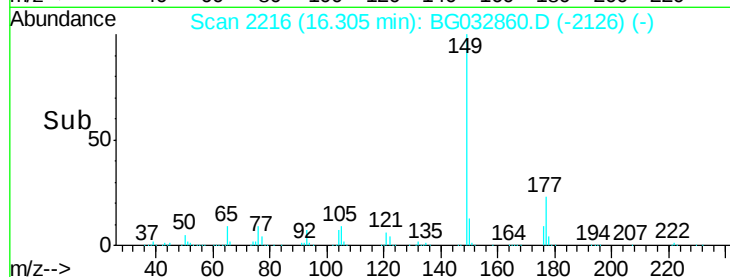
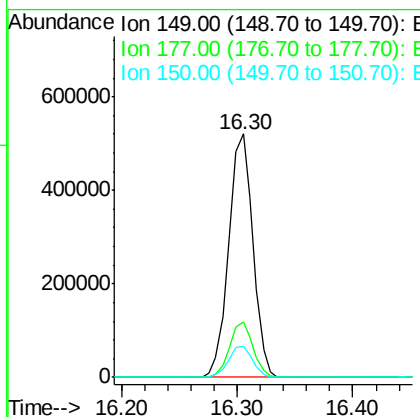
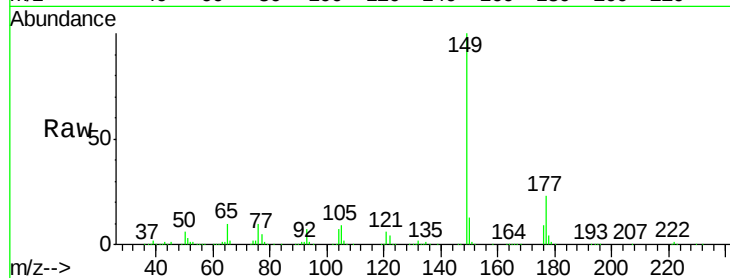
#59
Diethylphthalate
Concen: 45.320 ng
RT: 16.30 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BG032860.D
Acq: 27 Feb 2018 18:33

Instrument :
BNA_G
ClientSampleId :
T-3-ROADMS

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.6	18.5	27.7
150	12.8	10.2	15.2

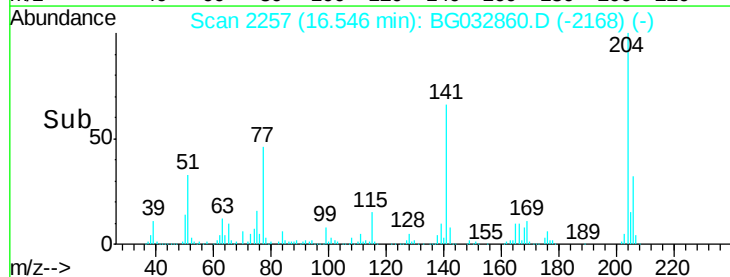
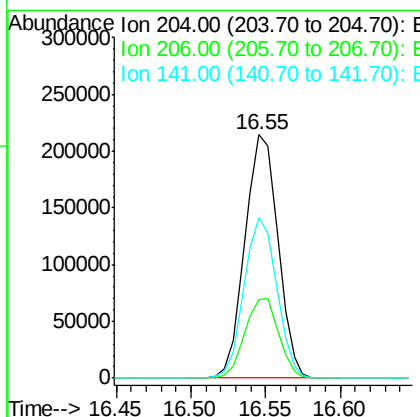
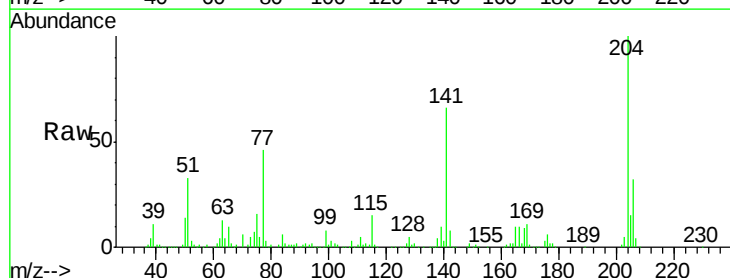
Manual Integrations
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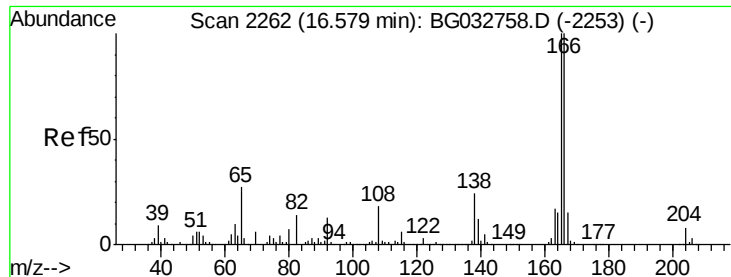
Sohil
2/28/2018 1:01:37 PM



#60
4-Chlorophenyl-phenylether
Concen: 46.348 ng
RT: 16.55 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BG032860.D
Acq: 27 Feb 2018 18:33

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.2	39.2
141	65.9	45.8	68.6





#61

4-Nitroaniline

Concen: 45.504 ng

RT: 16.57 min Scan# 2261

Delta R.T. -0.01 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

Instrument :

BNA_G

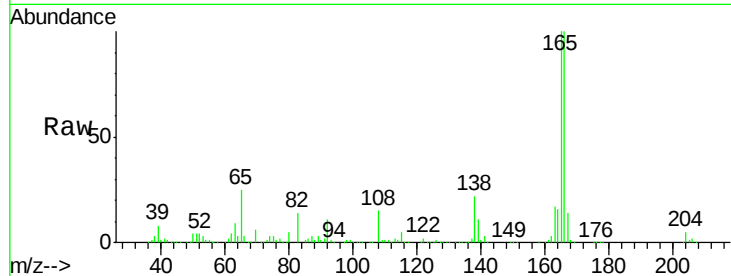
ClientSampleId :

T-3-ROADMS

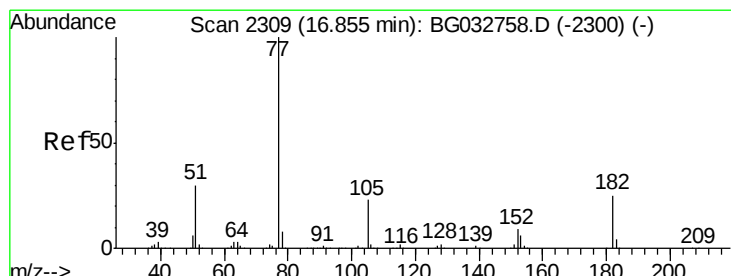
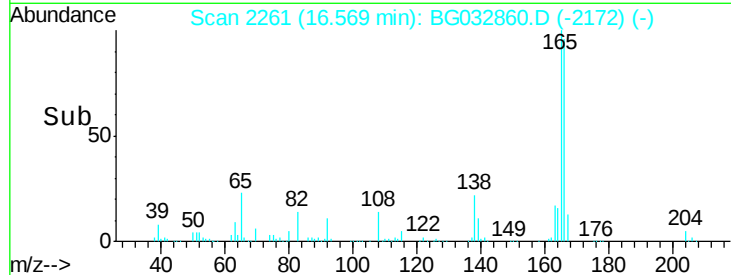
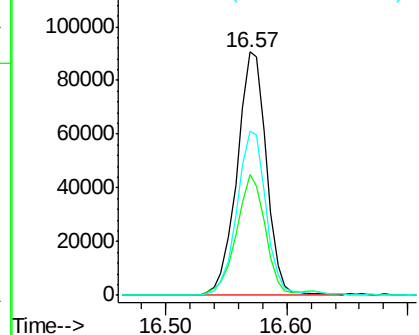
Tot Ion:	138	Resp:	153928
Ion Ratio	Lower	Upper	
138	100		
92	49.5	40.1	80.1
108	67.5	65.4	105.4

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



#62

Azobenzene

Concen: 46.112 ng

RT: 16.84 min Scan# 2307

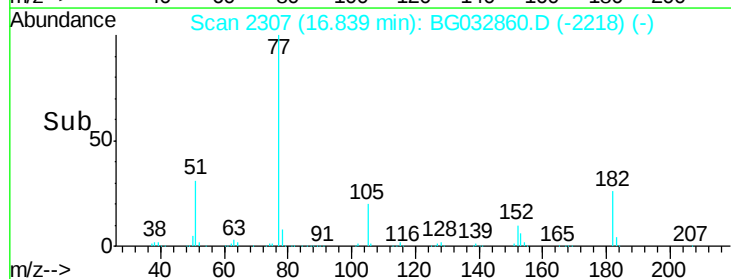
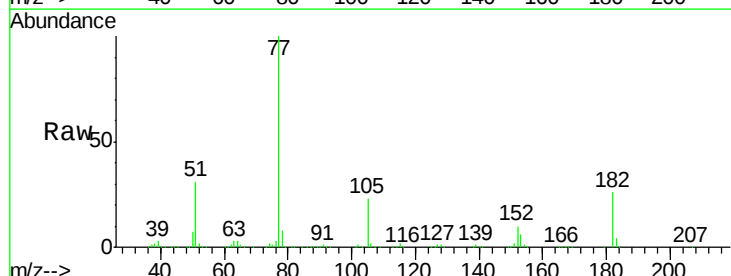
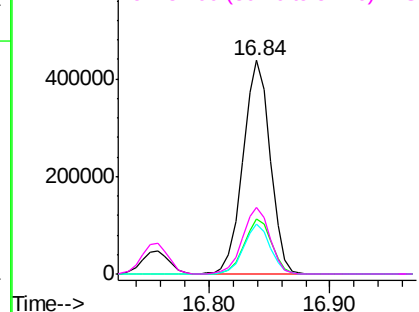
Delta R.T. -0.01 min

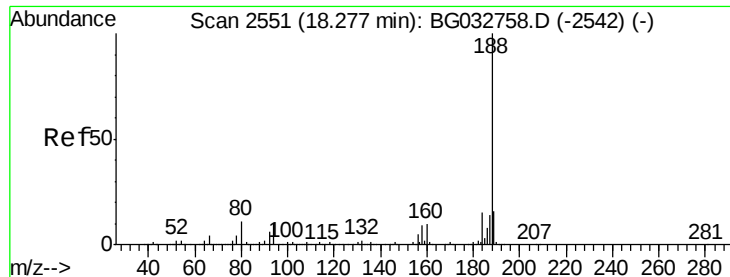
Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

Tgt Ion:	77	Resp:	684551
Ion Ratio	Lower	Upper	
77	100		
182	25.7	7.4	47.4
105	23.2	0.3	40.3
51	31.5	11.6	51.6

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





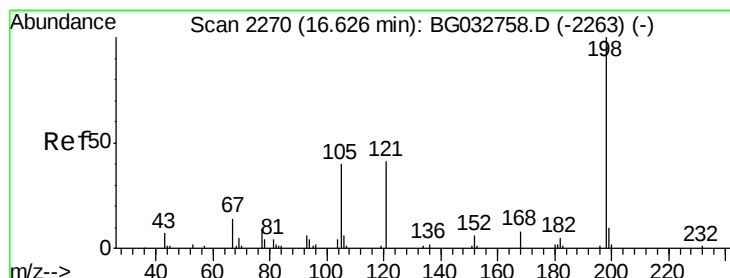
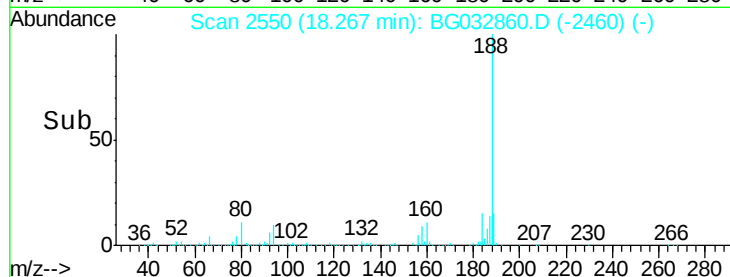
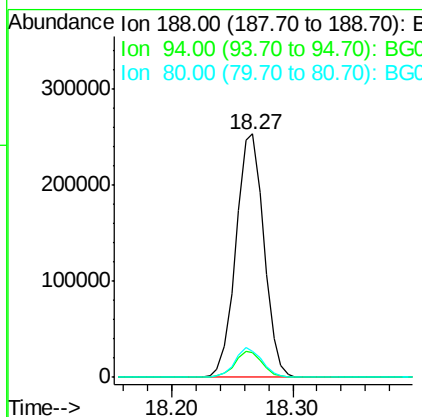
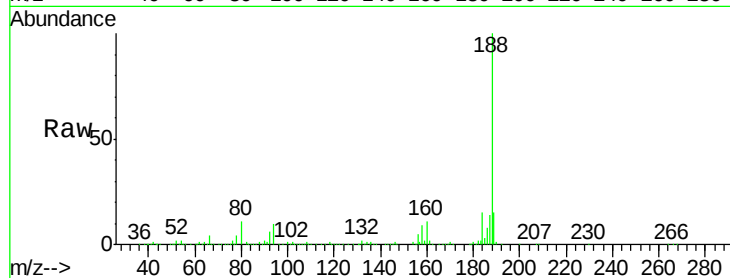
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.27 min Scan# 2550
Delta R.T. -0.00 min
Lab File: BG032860.D
Acq: 27 Feb 2018 18:33

Instrument :
BNA_G
ClientSampleId :
T-3-ROADMS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.2	6.9	10.3	
80	10.9	7.7	11.5	

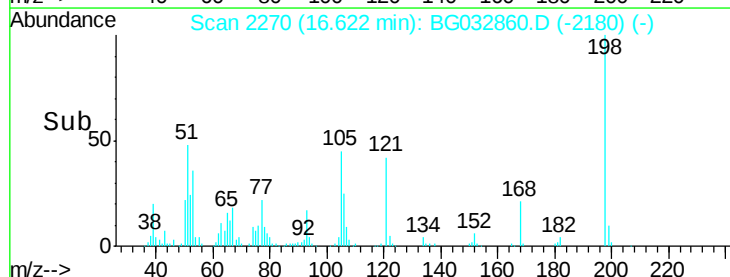
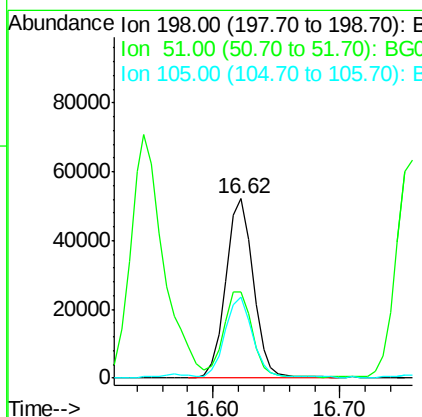
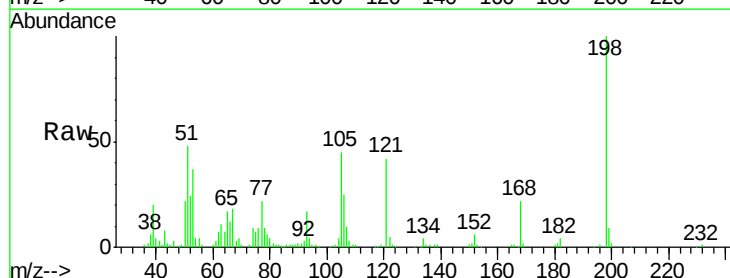
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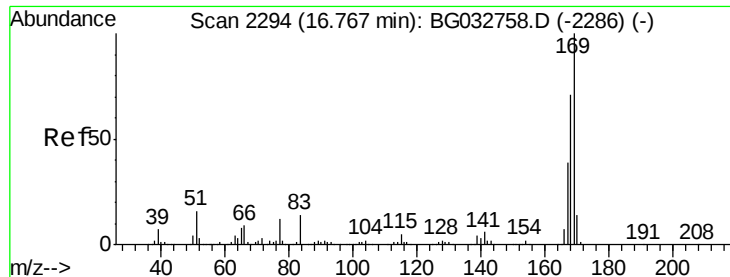
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#64
4,6-Dinitro-2-methylphenol
Concen: 60.174 ng
RT: 16.62 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BG032860.D
Acq: 27 Feb 2018 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	48.5	30.6	70.6	
105	45.1	23.8	63.8	





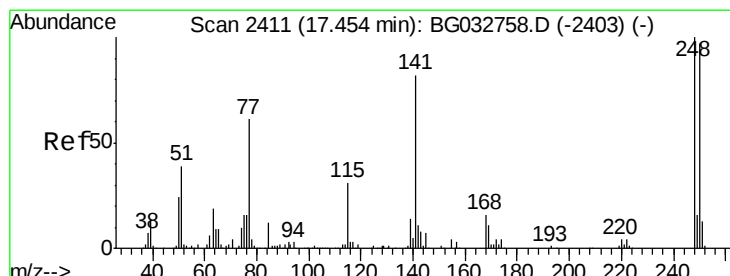
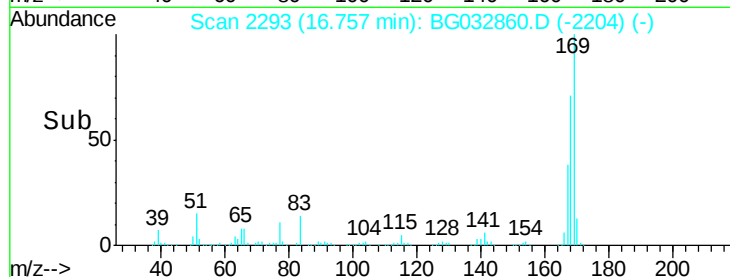
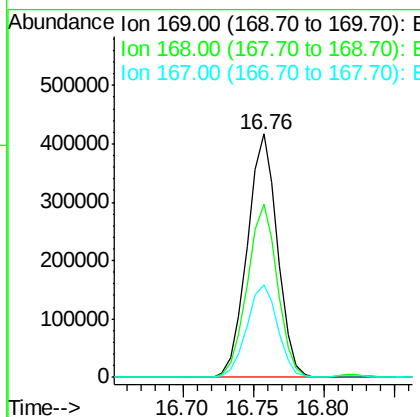
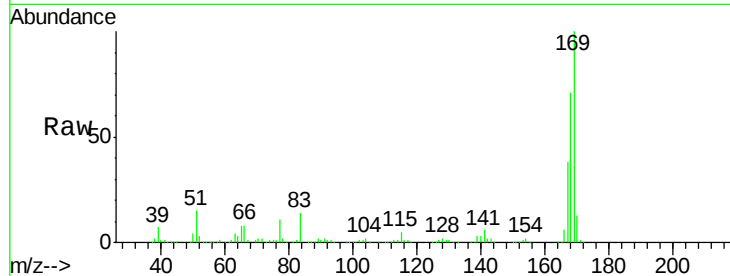
#65
 n-Nitrosodiphenylamine
 Concen: 46.952 ng
 RT: 16.76 min Scan# 2293
 Delta R.T. -0.01 min
 Lab File: BG032860.D
 Acq: 27 Feb 2018 18:33

Instrument :
 BNA_G
 ClientSampleId :
 T-3-ROADMS

Tot Ion	Ratio	Lower	Upper
169	100		
168	71.2	55.7	83.5
167	38.2	30.1	45.1

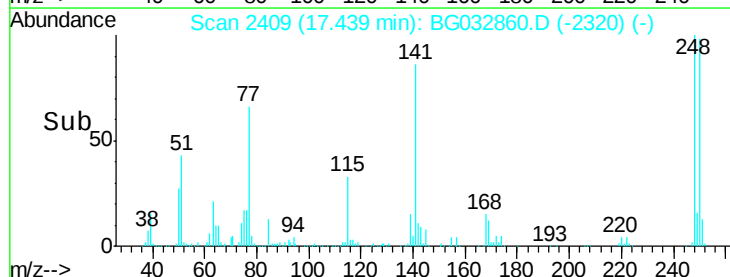
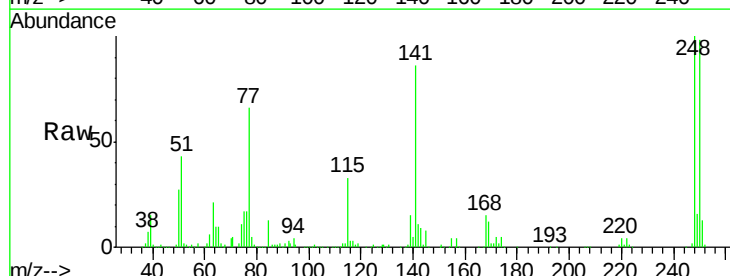
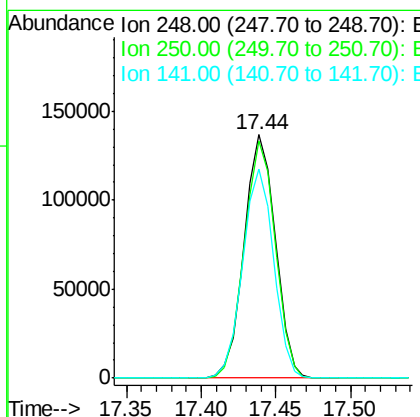
Manual Integrations
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#66
 4-Bromophenyl-phenylether
 Concen: 45.824 ng
 RT: 17.44 min Scan# 2409
 Delta R.T. -0.01 min
 Lab File: BG032860.D
 Acq: 27 Feb 2018 18:33

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.7	77.1	115.7
141	85.7	50.8	76.2





#67

Hexachlorobenzene

Concen: 44.314 ng

RT: 17.57 min Scan# 2431

Delta R.T. -0.00 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

Instrument :

BNA_G

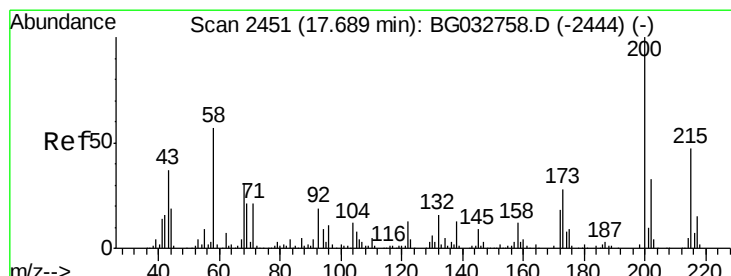
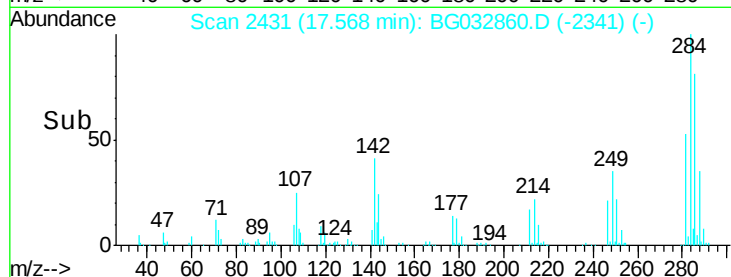
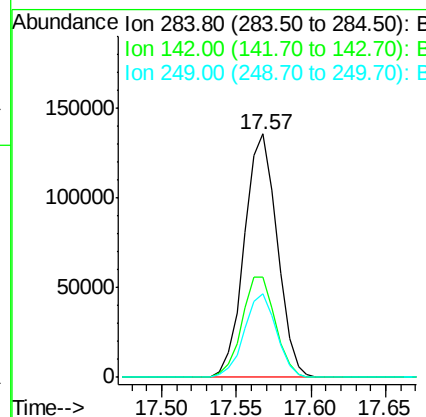
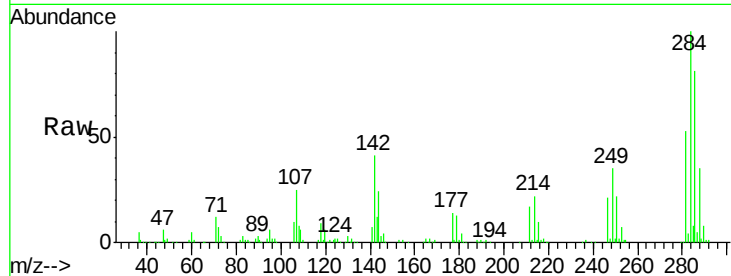
ClientSampleId :

T-3-ROADMS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	206718		
142	41.3	26.8	40.2#	
249	34.5	26.3	39.5	

Manual Integrations
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#68

Atrazine

Concen: 48.565 ng

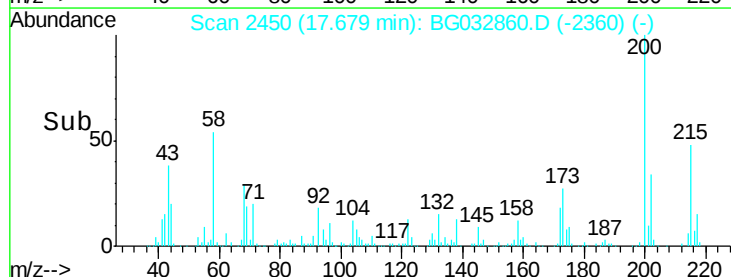
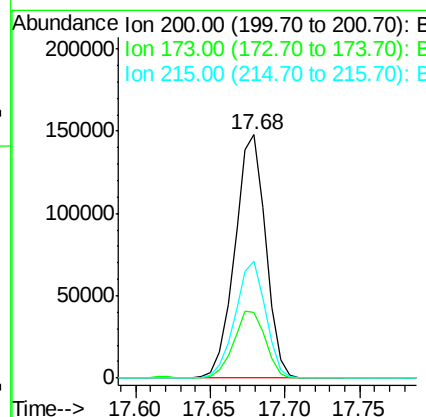
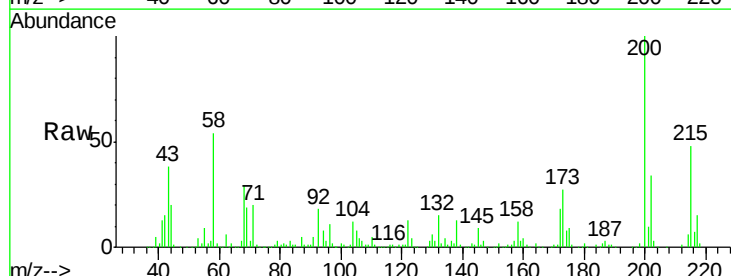
RT: 17.68 min Scan# 2450

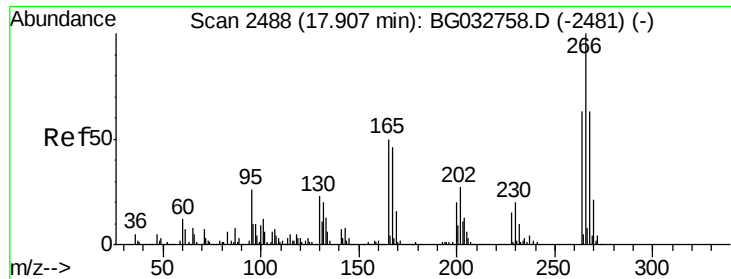
Delta R.T. -0.00 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	212301		
173	27.1	5.2	45.2	
215	47.8	30.4	70.4	





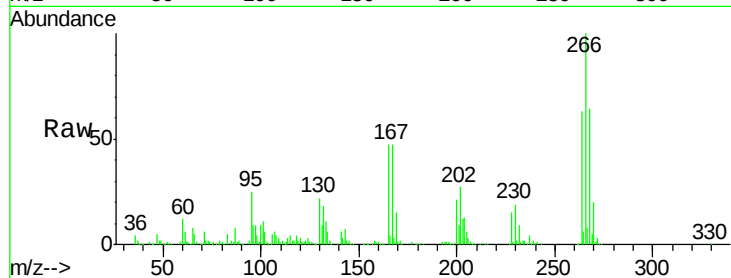
#69
 Pentachlorophenol
 Concen: 85.462 ng
 RT: 17.90 min Scan# 2488
 Delta R.T. -0.00 min
 Lab File: BG032860.D
 Acq: 27 Feb 2018 18:33

Instrument :
 BNA_G
 ClientSampleId :
 T-3-ROADMS

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.2	51.1	76.7
264	62.9	49.6	74.4

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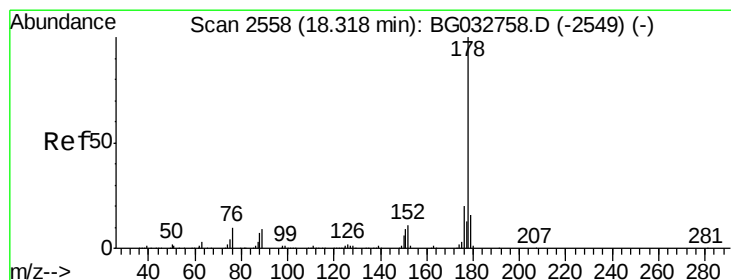
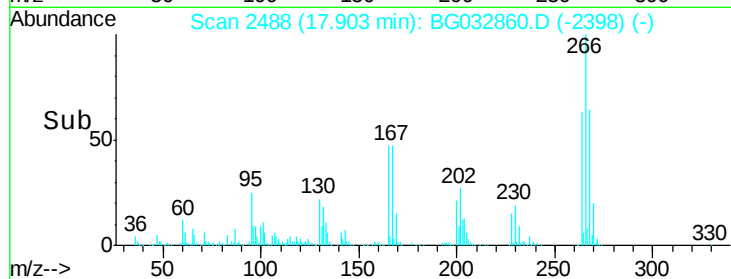
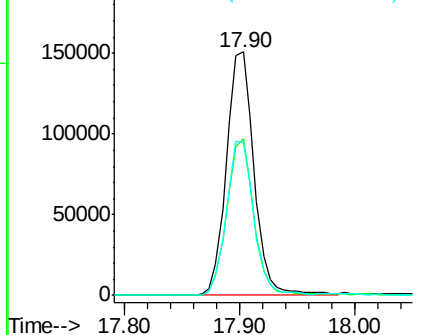


Abundance

Ion 265.70 (265.40 to 266.40): E

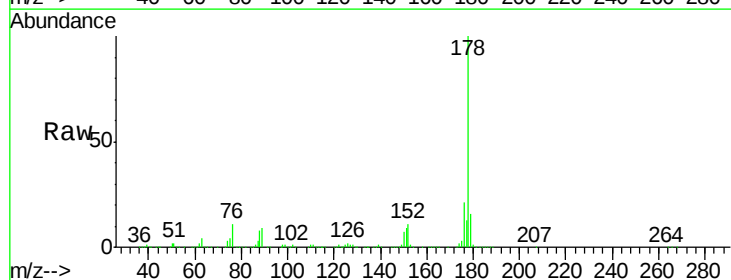
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 46.555 ng
 RT: 18.31 min Scan# 2557
 Delta R.T. -0.01 min
 Lab File: BG032860.D
 Acq: 27 Feb 2018 18:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.1	15.7	23.5
179	16.4	12.5	18.7

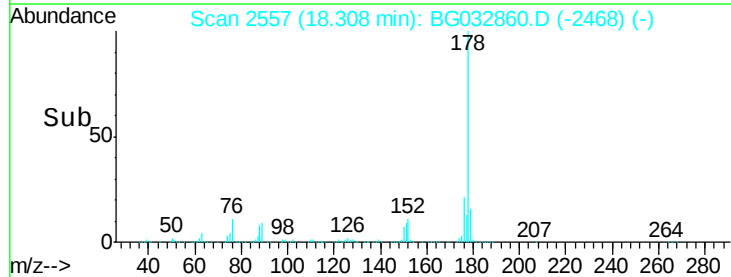
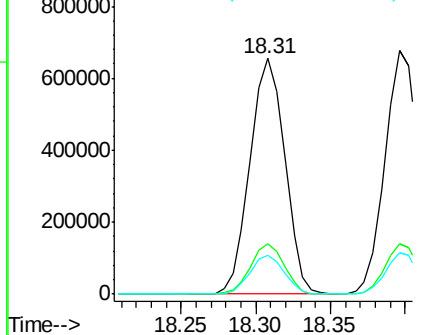


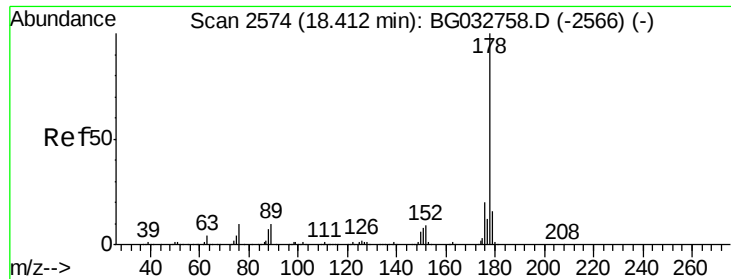
Abundance

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: 46.763 ng

RT: 18.40 min Scan# 2572

Delta R.T. -0.01 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

Instrument :

BNA_G

ClientSampleId :

T-3-ROADMS

Tot Ion:178 Resp: 1069267

Ion Ratio Lower Upper

178 100

176 20.8 16.0 24.0

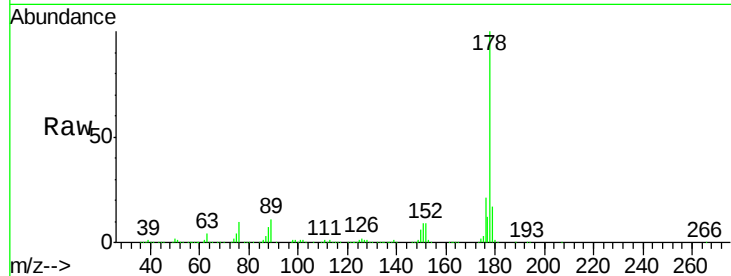
179 16.8 12.5 18.7

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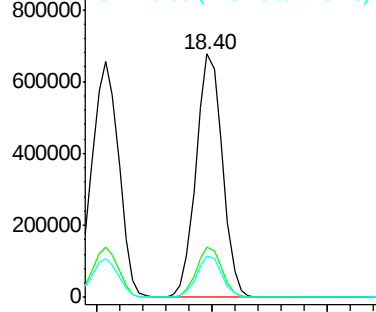
2/28/2018 1:01:37 PM



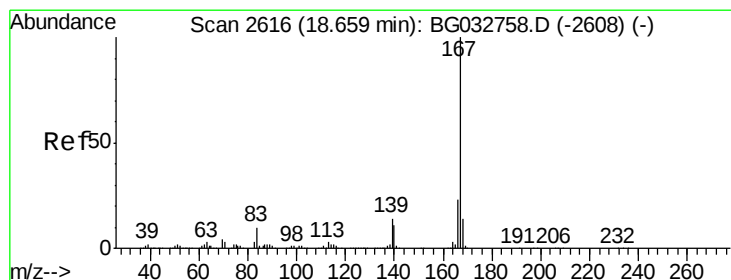
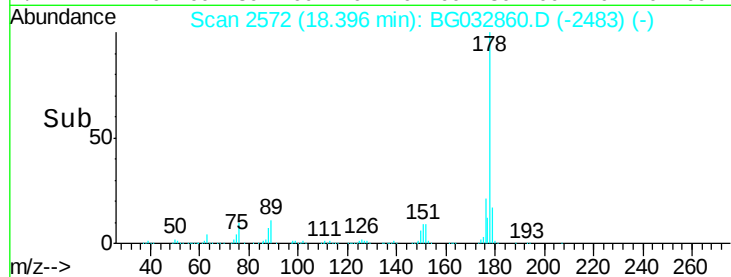
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 18.30 18.40 18.50



#72

Carbazole

Concen: 44.938 ng

RT: 18.65 min Scan# 2615

Delta R.T. -0.01 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

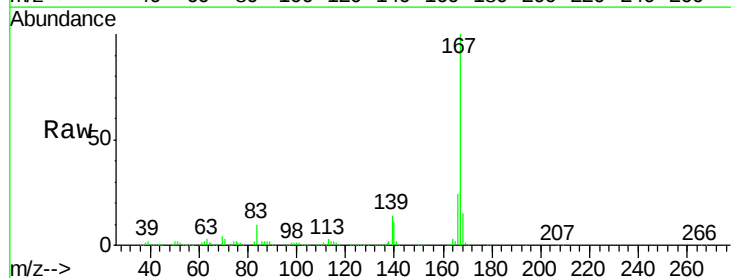
Tgt Ion:167 Resp: 1012792

Ion Ratio Lower Upper

167 100

166 24.3 18.2 27.4

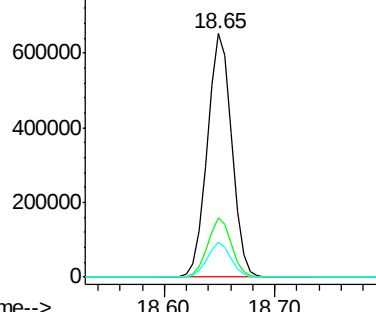
139 14.3 9.4 14.2#



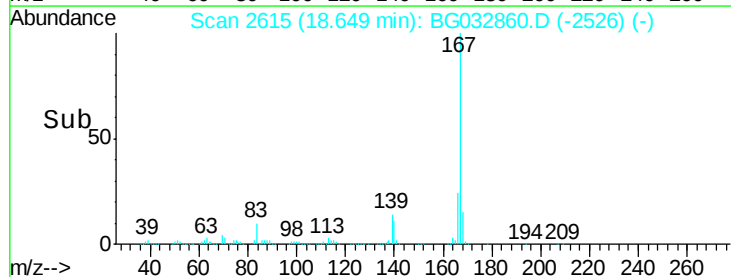
Abundance Ion 167.00 (166.70 to 167.70): E

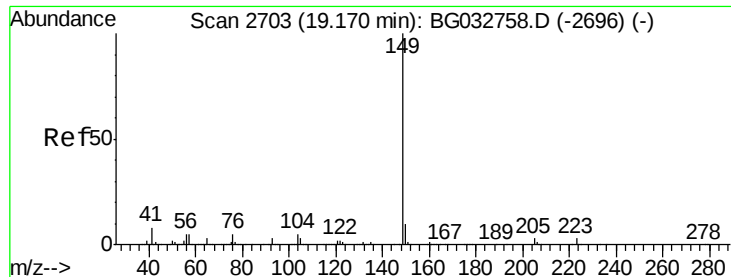
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time--> 18.60 18.70





#73

Di-n-butylphthalate

Concen: 45.662 ng

RT: 19.15 min Scan# 2701

Delta R.T. -0.01 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

Instrument :

BNA_G

ClientSampleId :

T-3-ROADMS

Tot Ion:149 Resp: 1262514

Ion Ratio Lower Upper

149 100

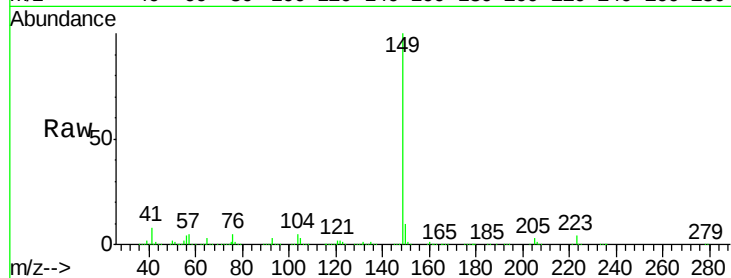
150 10.5 7.8 11.6

104 5.1 3.9 5.9

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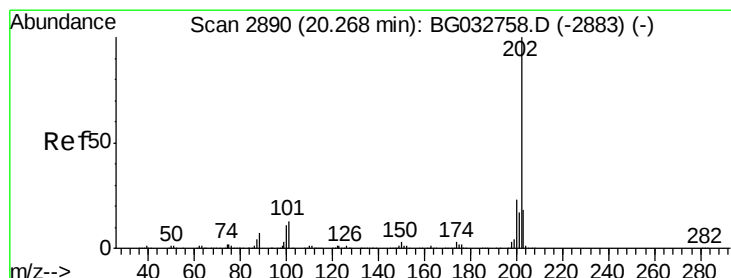
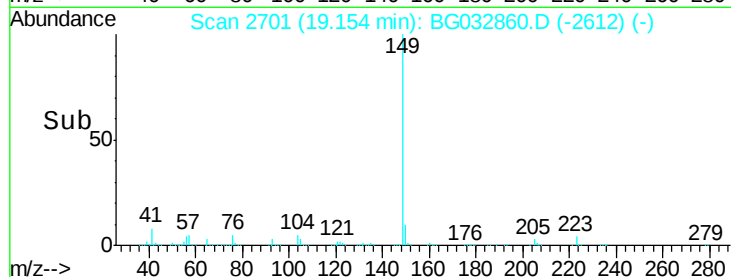
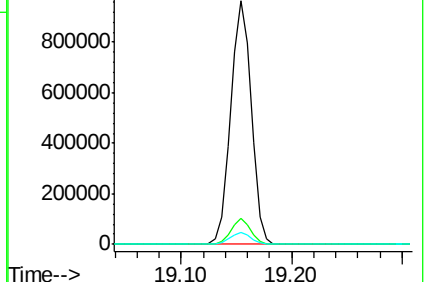
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 46.615 ng

RT: 20.26 min Scan# 2889

Delta R.T. -0.01 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

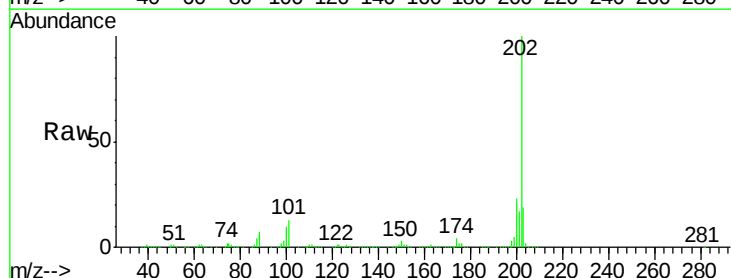
Tgt Ion:202 Resp: 1172757

Ion Ratio Lower Upper

202 100

101 13.2 0.0 28.9

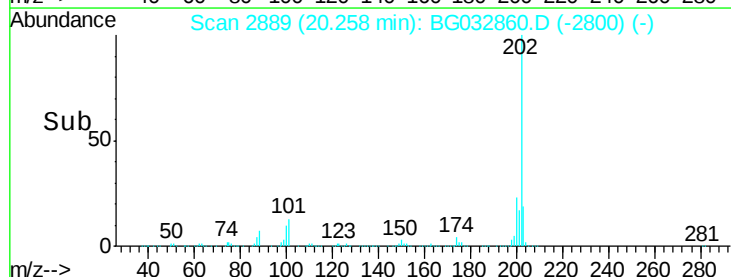
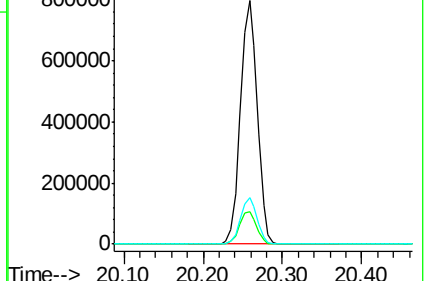
203 18.9 0.0 37.5

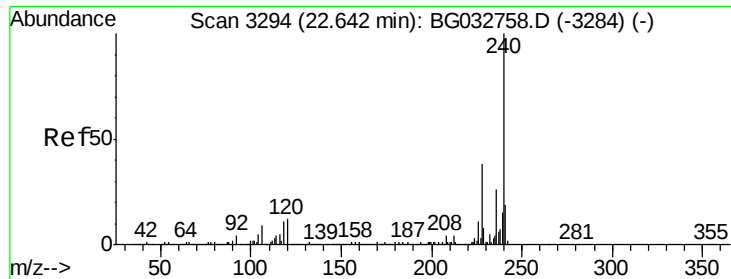


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.63 min Scan# 3292

Delta R.T. -0.01 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

Instrument :

BNA_G

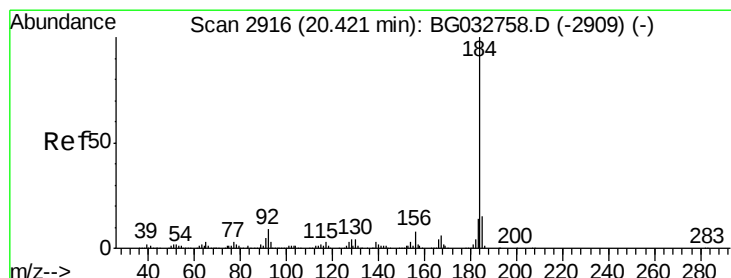
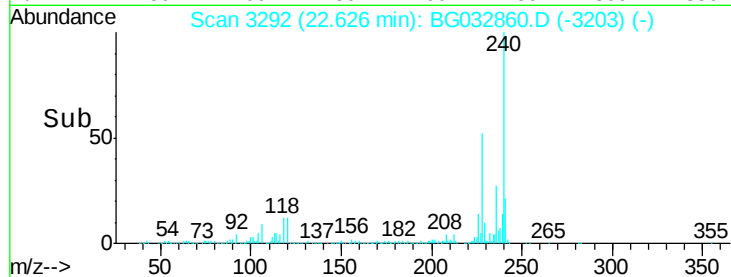
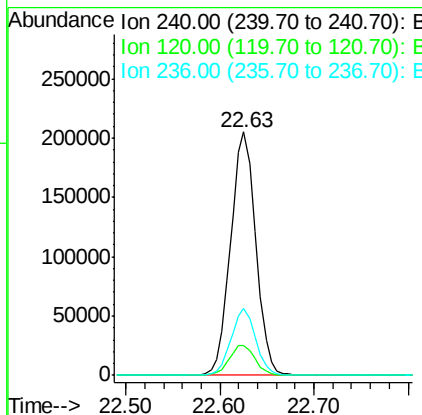
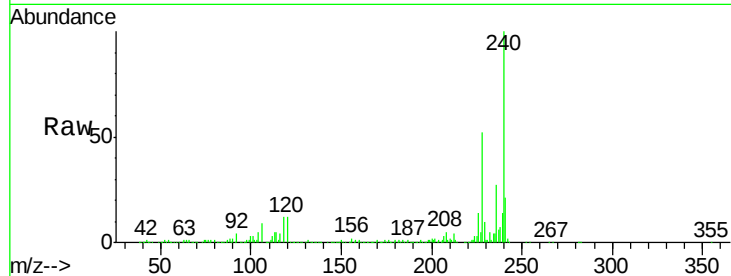
ClientSampled :

T-3-ROADMS

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.3	6.8	10.2#
236	27.4	20.9	31.3

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#76

Benzidine

Concen: 4.363 ng

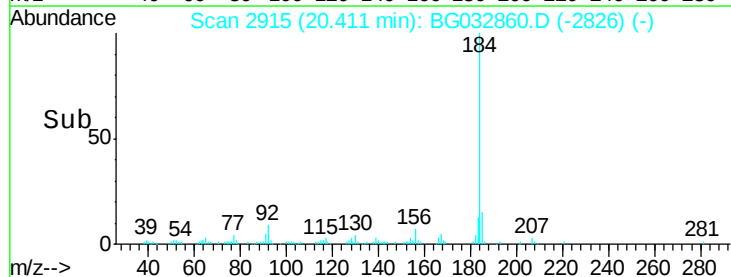
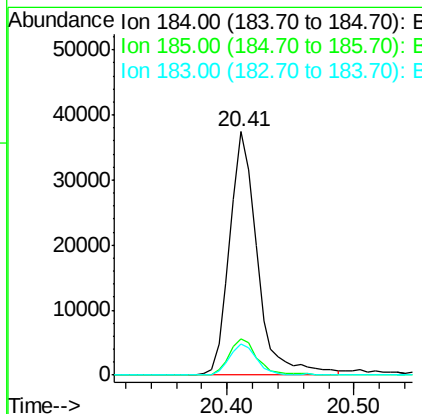
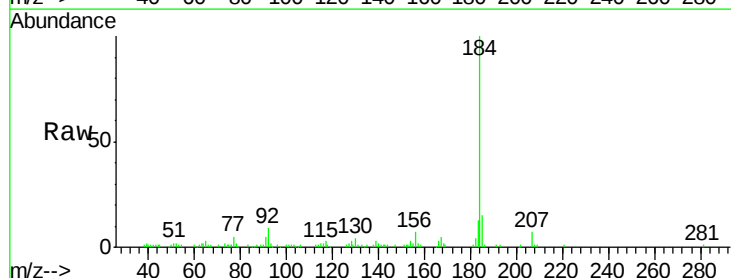
RT: 20.41 min Scan# 2915

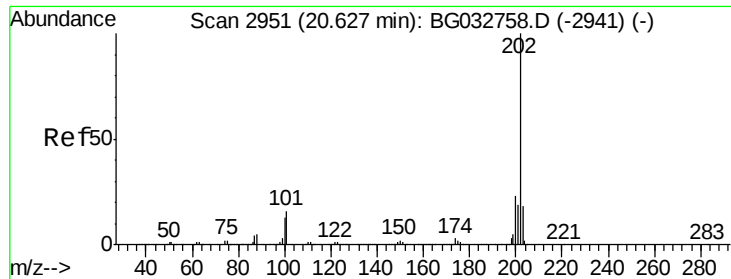
Delta R.T. -0.01 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.1	16.7
183	12.8	10.6	16.0





#77

Pvrene

Concen: 43.881 ng

RT: 20.62 min Scan# 2950

Delta R.T. -0.00 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

Instrument :

BNA_G

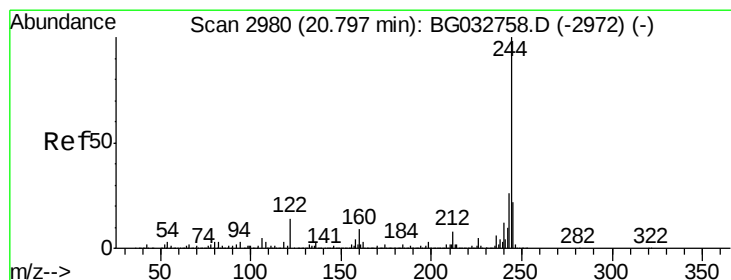
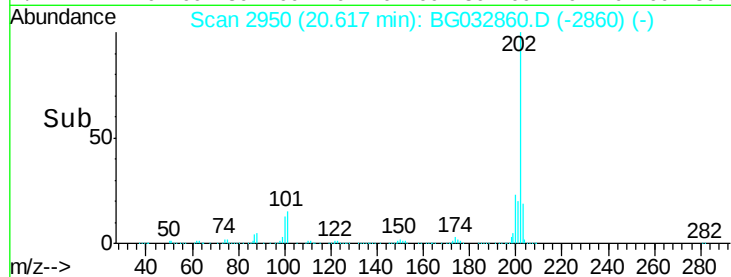
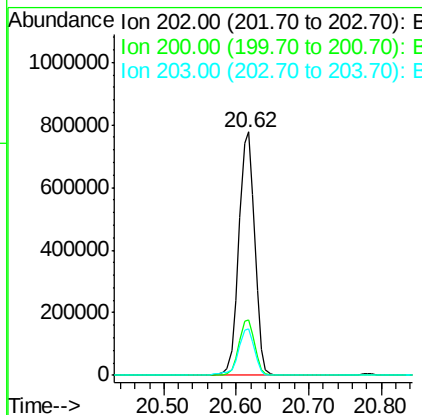
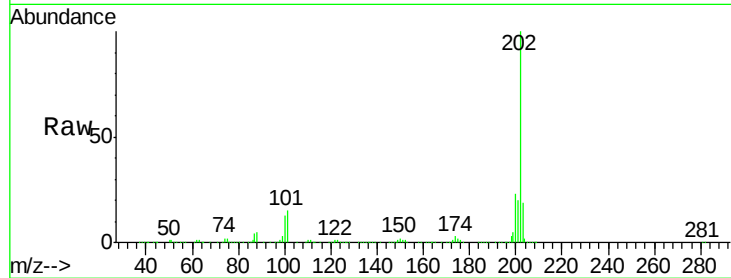
ClientSampled :

T-3-ROADMS

Tot Ion:	202	Resp:	1179674
Ion	Ratio	Lower	Upper
202	100		
200	23.0	16.9	25.3
203	19.2	13.9	20.9

Manual Integrations
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#78

Terphenyl-d14

Concen: 99.235 ng

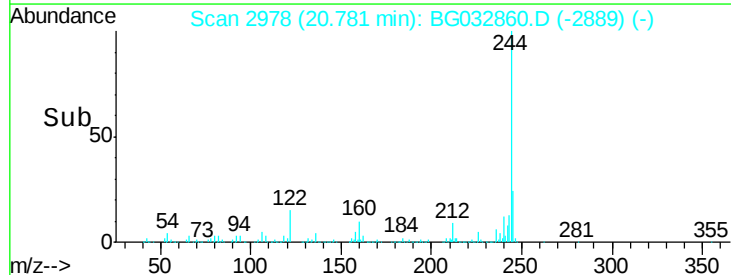
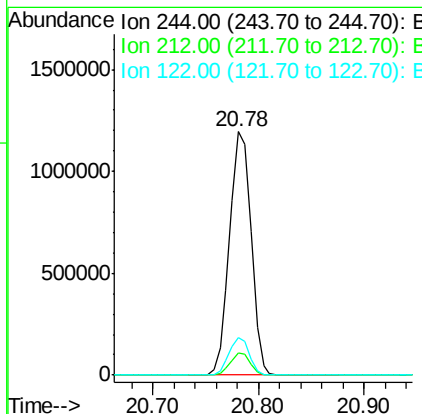
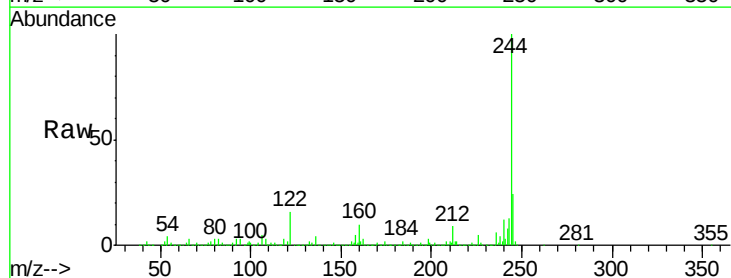
RT: 20.78 min Scan# 2978

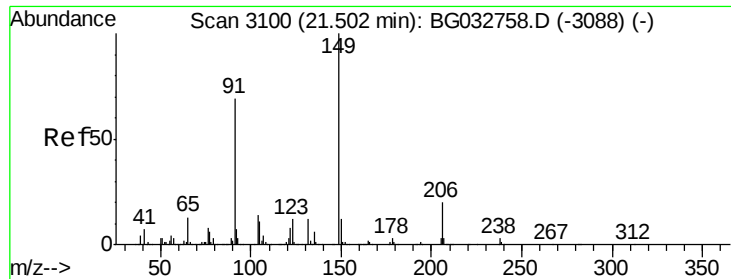
Delta R.T. -0.01 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

Tgt Ion:	244	Resp:	1683766
Ion	Ratio	Lower	Upper
244	100		
212	8.9	5.8	8.8#
122	15.5	7.0	10.4#





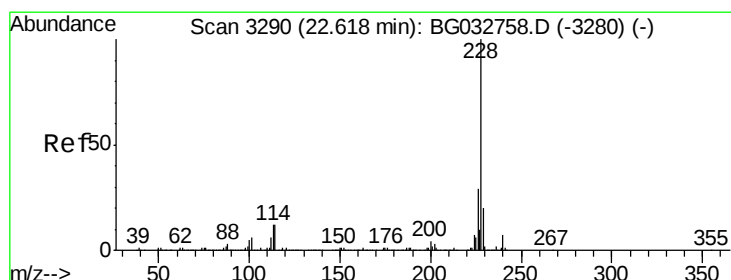
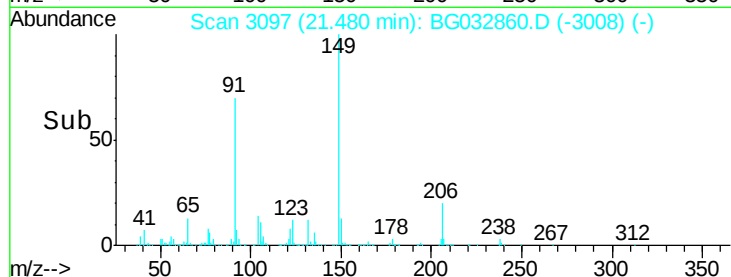
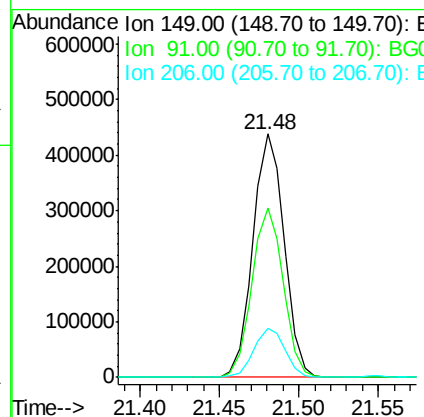
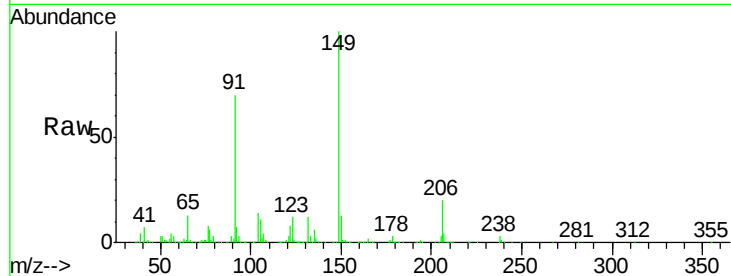
#79
Butylbenzylphthalate
Concen: 50.408 ng
RT: 21.48 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BG032860.D
Acq: 27 Feb 2018 18:33

Instrument :
BNA_G
ClientSampleId :
T-3-ROADMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	600817		
91	69.8	62.2	93.2	
206	20.2	18.6	27.8	

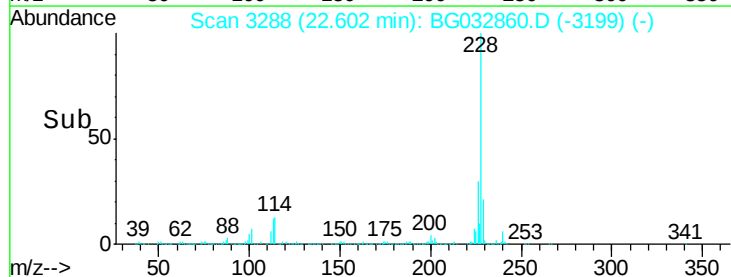
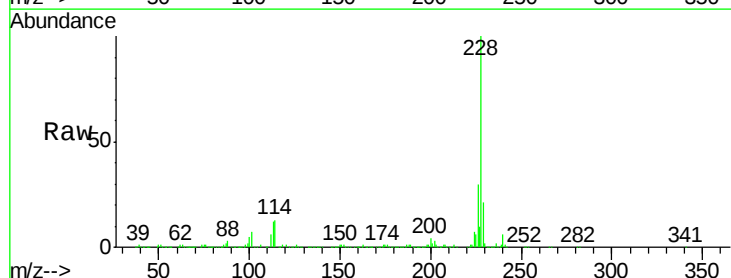
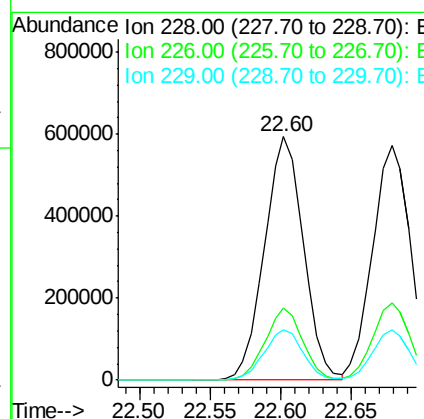
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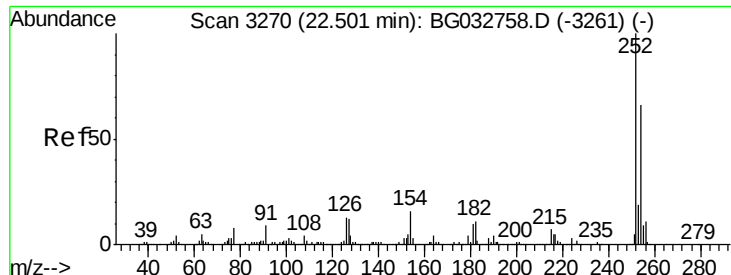
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#80
Benzo(a)anthracene
Concen: 46.972 ng
RT: 22.60 min Scan# 3288
Delta R.T. -0.01 min
Lab File: BG032860.D
Acq: 27 Feb 2018 18:33

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1148252		
226	29.5	22.7	34.1	
229	20.7	16.2	24.2	





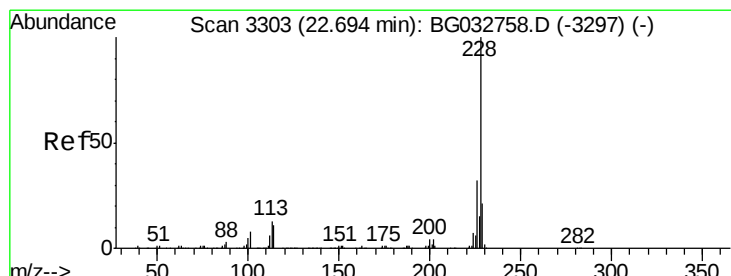
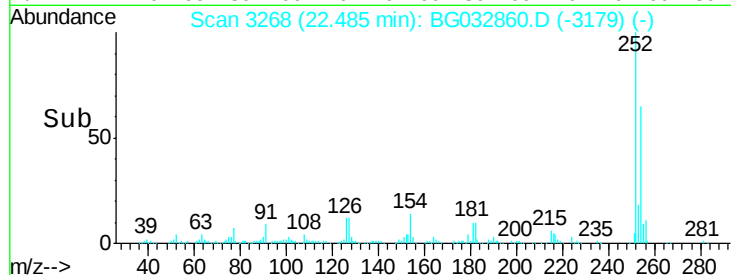
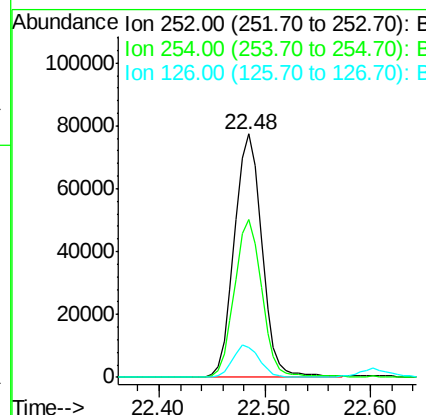
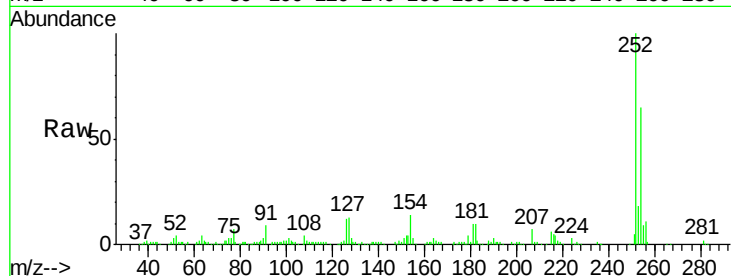
#81
 3,3'-Dichlorobenzidine
 Concen: 15.470 ng
 RT: 22.48 min Scan# 3268
 Delta R.T. -0.01 min
 Lab File: BG032860.D
 Acq: 27 Feb 2018 18:33

Instrument :
 BNA_G
 ClientSampled :
 T-3-ROADMS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.0	50.8	76.2
126	12.2	7.4	11.2

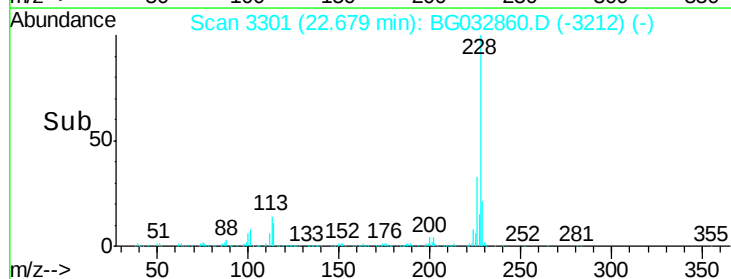
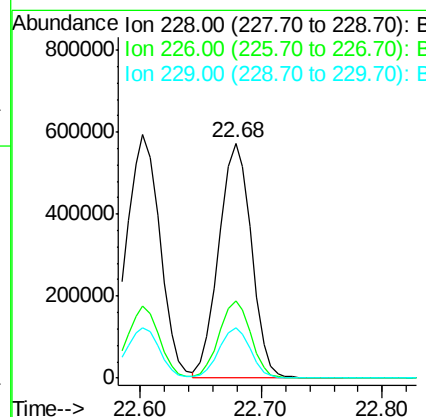
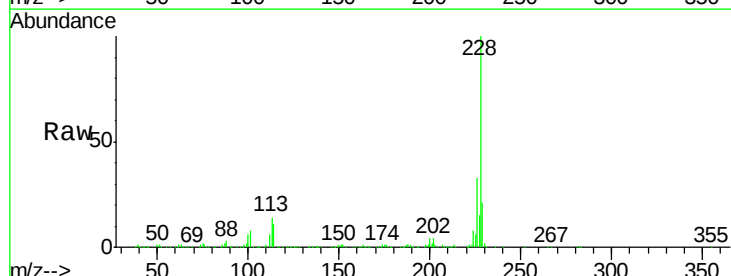
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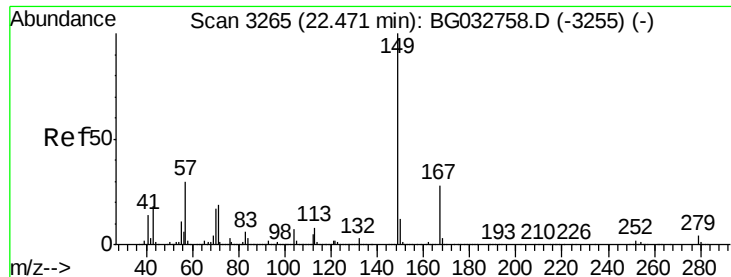
Sohil
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#82
 Chrysene
 Concen: 45.567 ng
 RT: 22.68 min Scan# 3301
 Delta R.T. -0.01 min
 Lab File: BG032860.D
 Acq: 27 Feb 2018 18:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.0	24.9	37.3
229	21.4	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.447 ng

RT: 22.44 min Scan# 3260

Delta R.T. -0.01 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

Instrument :

BNA_G

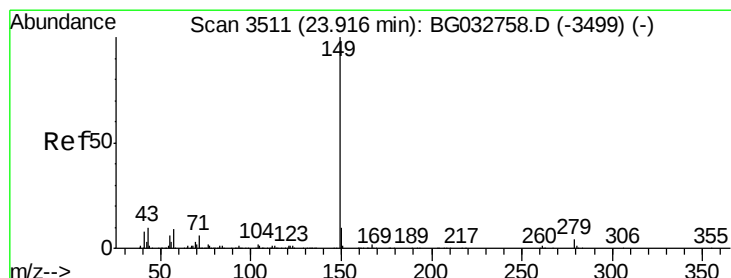
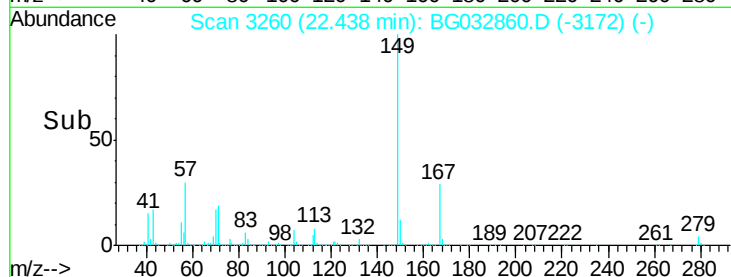
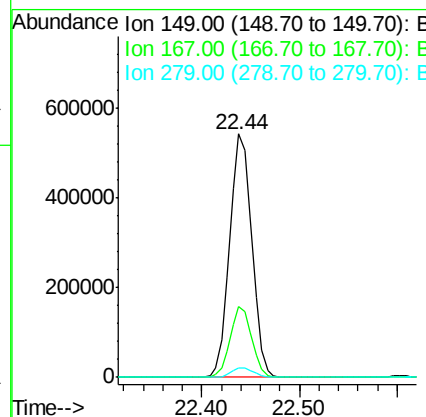
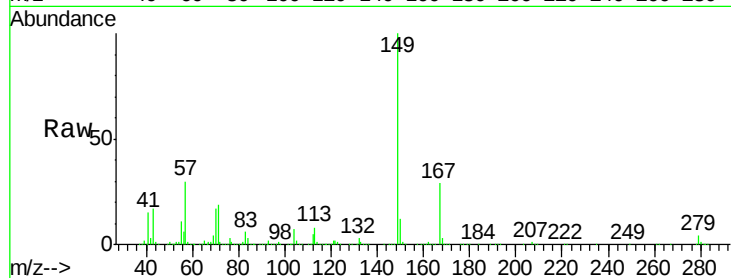
ClientSampleId :

T-3-ROADMS

Tot Ion:	149	Resp:	854756
Ion Ratio	Lower	Upper	
149	100		
167	28.8	24.3	36.5
279	3.9	4.0	6.0#

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#84

Di-n-octyl phthalate

Concen: 54.535 ng

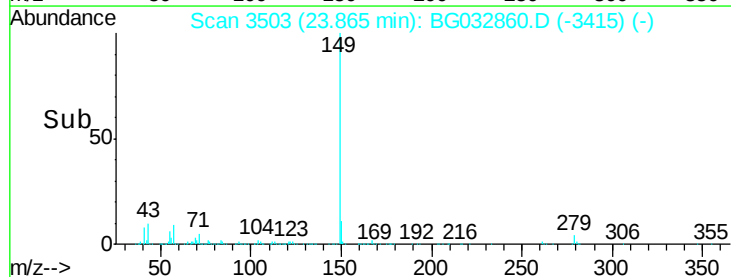
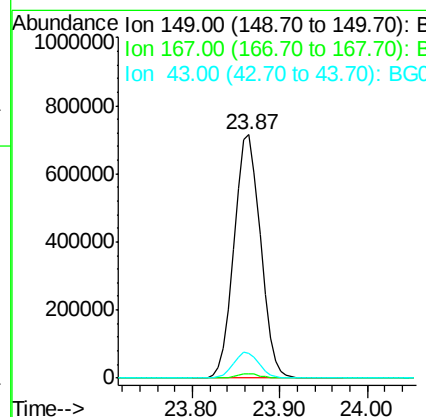
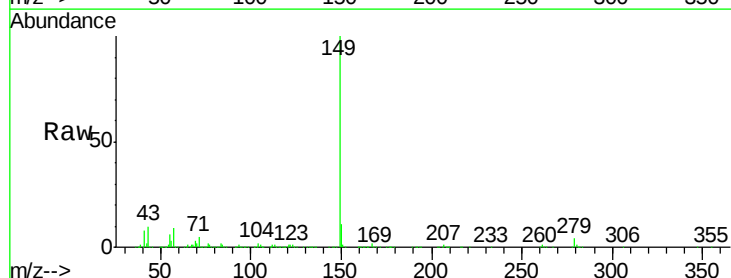
RT: 23.87 min Scan# 3503

Delta R.T. -0.01 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

Tgt Ion:	149	Resp:	1466581
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.4	2.0
43	10.1	8.9	13.3





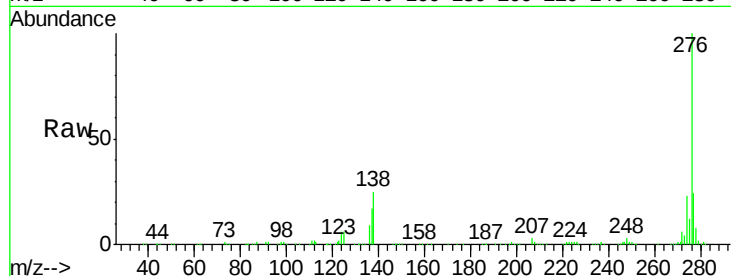
#85
Indeno(1,2,3-cd)pyrene
Concen: 48.814 ng
RT: 30.87 min Scan# 4696
Delta R.T. -0.01 min
Lab File: BG032860.D
Acq: 27 Feb 2018 18:33

Instrument :
BNA_G
ClientSampleId :
T-3-ROADMS

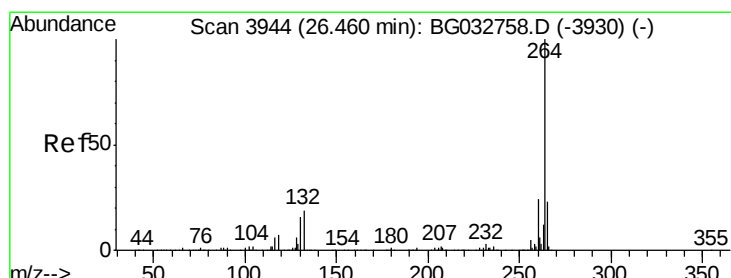
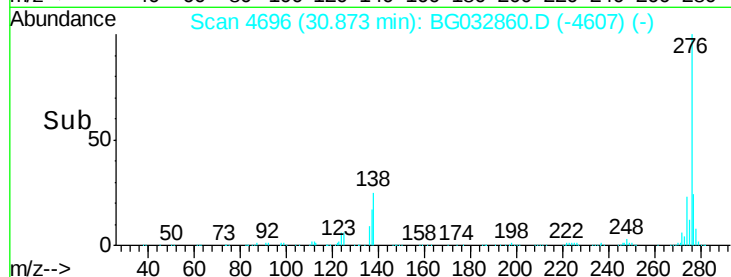
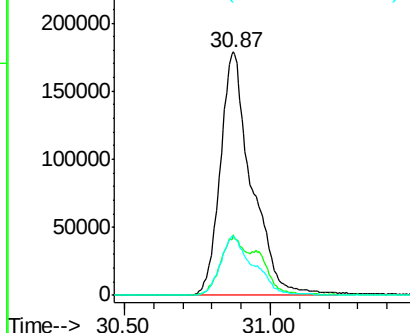
Tot Ion:276 Resp: 1329376
Ion Ratio Lower Upper
276 100
138 19.8 16.0 24.0
277 25.6 20.0 30.0

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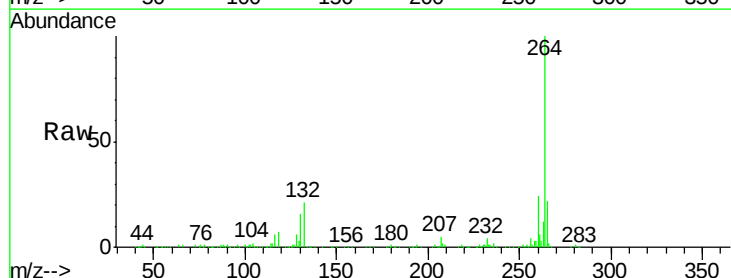


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

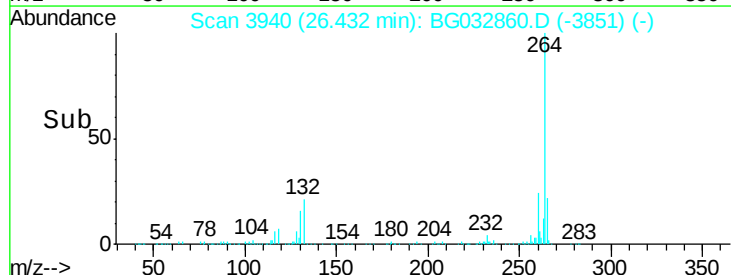
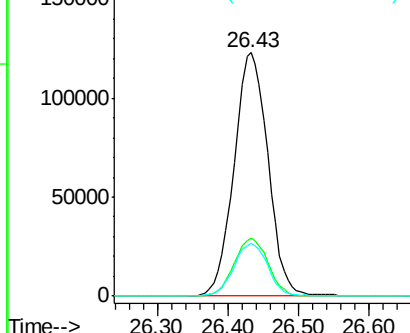


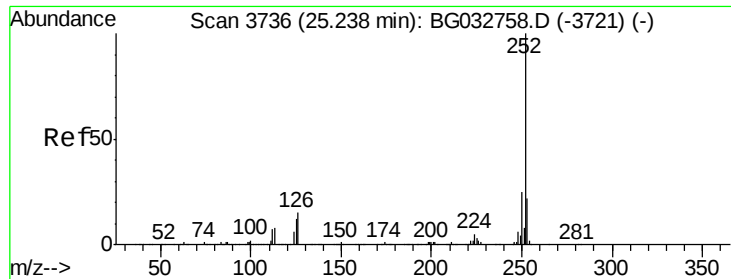
#86
Perylene-d12
Concen: 20.000 ng
RT: 26.43 min Scan# 3940
Delta R.T. -0.01 min
Lab File: BG032860.D
Acq: 27 Feb 2018 18:33

Tgt Ion:264 Resp: 410691
Ion Ratio Lower Upper
264 100
260 24.1 17.4 26.0
265 21.5 17.7 26.5



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





#87

Benzo(b)fluoranthene

Concen: 47.628 ng

RT: 25.21 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

Instrument :

BNA_G

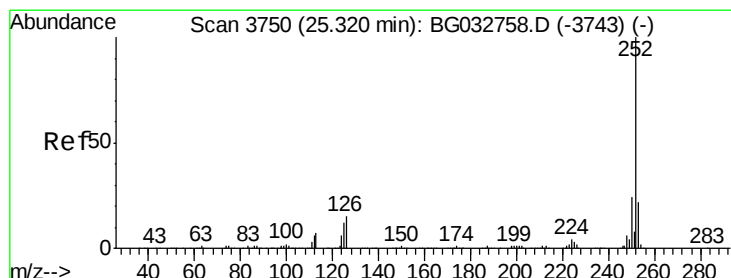
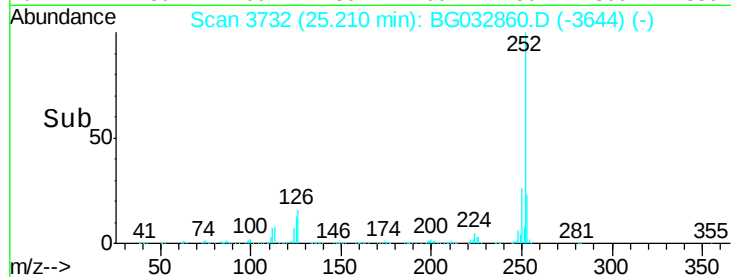
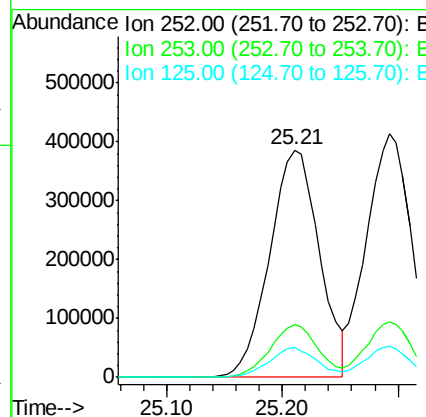
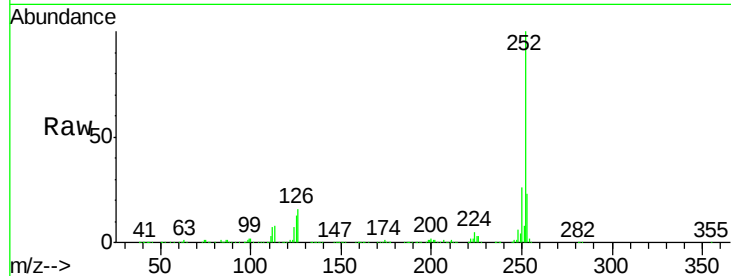
ClientSampleId :

T-3-ROADMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.4
125	13.2	7.2	10.8

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 46.751 ng

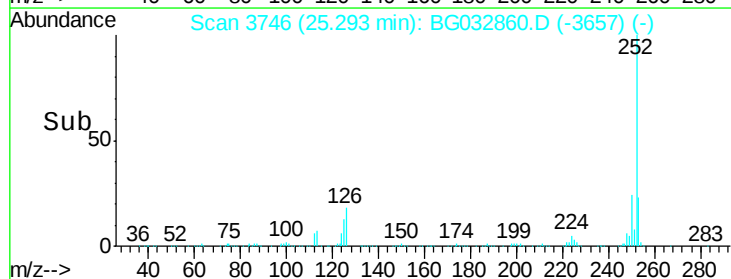
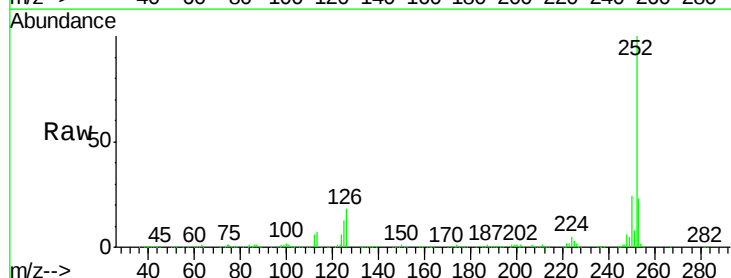
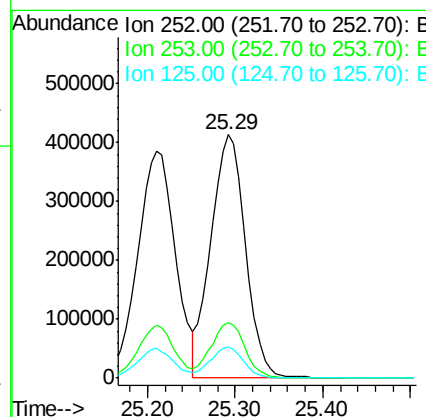
RT: 25.29 min Scan# 3746

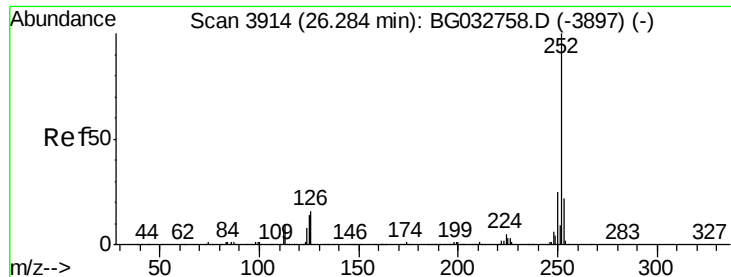
Delta R.T. -0.01 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.2
125	12.5	6.6	9.8





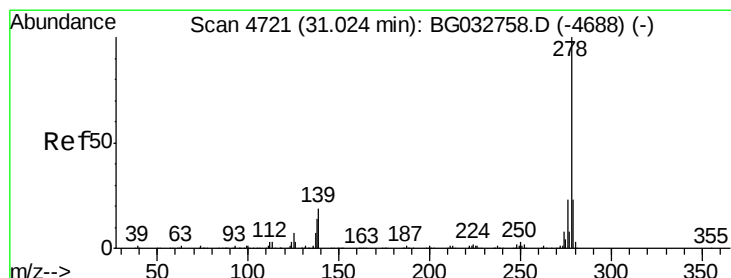
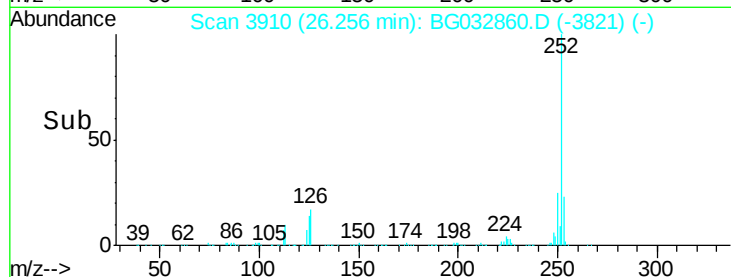
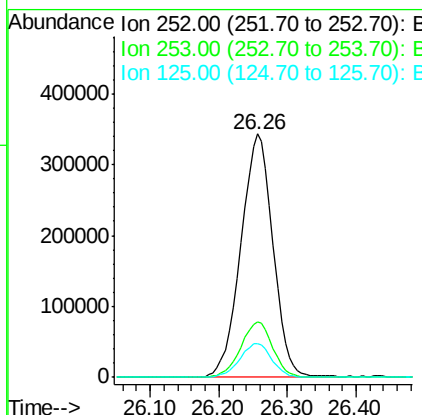
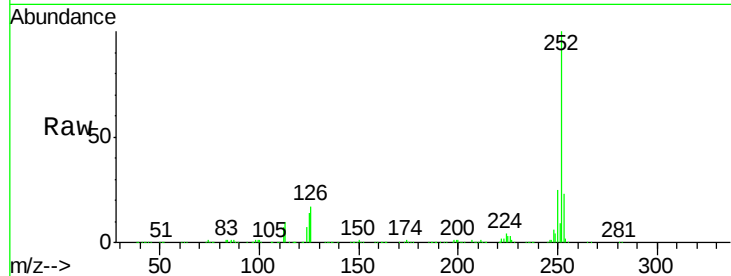
#89
Benzo(a)pyrene
Concen: 48.373 ng
RT: 26.26 min Scan# 3910
Delta R.T. -0.01 min
Lab File: BG032860.D
Acq: 27 Feb 2018 18:33

Instrument :
BNA_G
ClientSampleId :
T-3-ROADMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.3	27.5
125	13.8	7.3	10.9

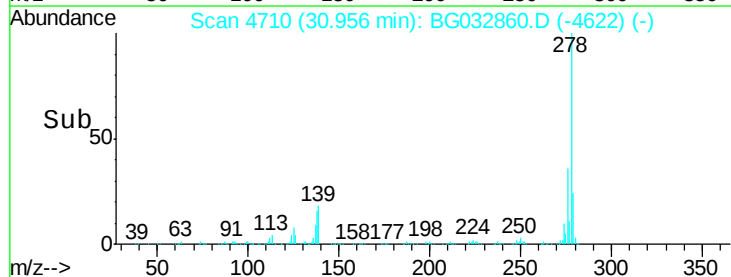
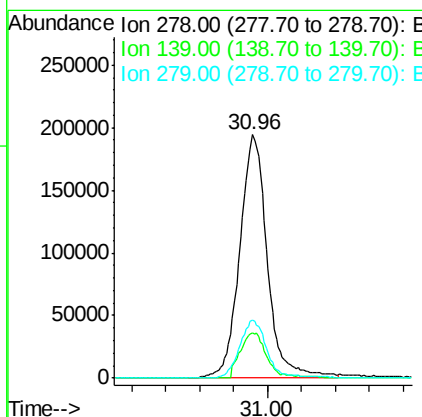
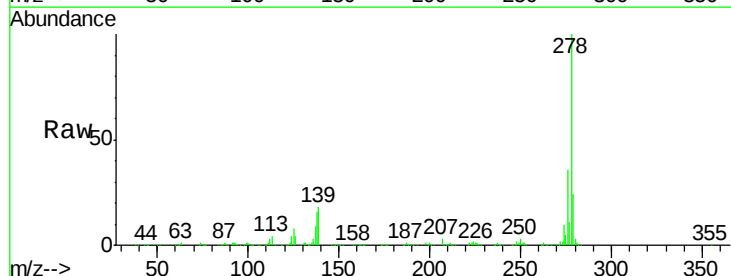
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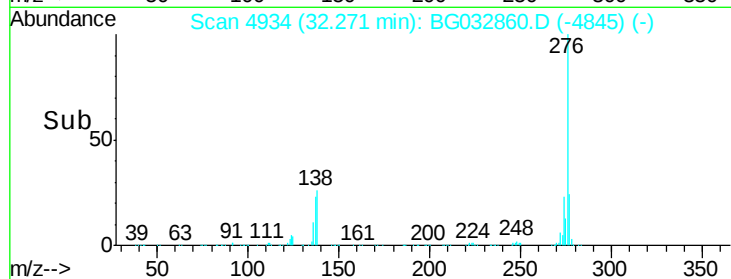
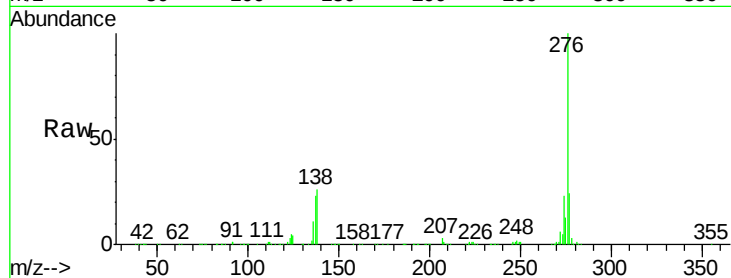
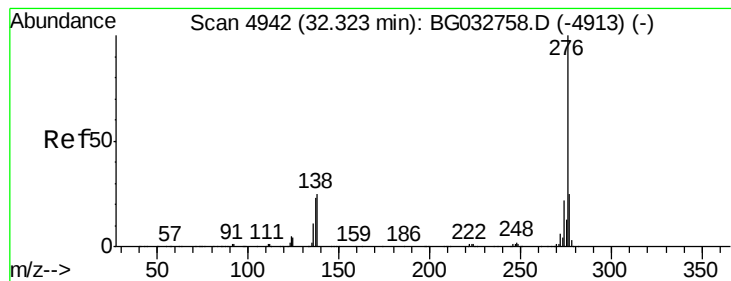
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#90
Dibenzo(a,h)anthracene
Concen: 47.439 ng
RT: 30.96 min Scan# 4710
Delta R.T. -0.01 min
Lab File: BG032860.D
Acq: 27 Feb 2018 18:33

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.4	9.8	14.6
279	24.0	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 46.977 ng

RT: 32.27 min Scan# 4934

Delta R.T. -0.01 min

Lab File: BG032860.D

Acq: 27 Feb 2018 18:33

Tot Ion:	276	Resp:	1076587
Ion Ratio	Lower	Upper	
276	100		
277	23.7	18.3	27.5
138	25.8	13.9	20.9

Instrument :

BNA_G

ClientSampleId :

T-3-ROADMS

Manual Integrations
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