

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020918\
 Data File : BG032635.D
 Acq On : 9 Feb 2018 17:42
 Operator : SJ/JU
 Sample : J1499-03MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-154MSD

Manual Integrations
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Sohil
 2/13/2018 11:29:48 AM

Quant Time: Feb 09 23:43:58 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 18:57:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.69	152	30713	20.00	ng	-0.02
21) Naphthalene-d8	11.56	136	153728	20.00	ng	-0.02
38) Acenaphthene-d10	15.32	164	134793	20.00	ng	-0.02
63) Phenanthrene-d10	18.06	188	366170	20.00	ng	-0.01
75) Chrysene-d12	22.39	240	353990	20.00	ng	-0.01
86) Perylene-d12	26.06	264	376125	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	6.13	112	222386	145.44	ng	-0.02
7) Phenol-d6	7.81	99	289813	142.03	ng	-0.02
23) Nitrobenzene-d5	9.89	82	224364	91.16	ng	-0.02
41) 2,4,6-Tribromophenol	16.81	330	322737	125.78	ng	-0.01
44) 2-Fluorobiphenyl	13.95	172	862684	76.07	ng	-0.02
78) Terphenyl-d14	20.60	244	1514782	91.66	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.79	88	20447	39.744	ng	# 83
3) Pyridine	4.25	79	56095	40.380	ng	# 86
4) n-Nitrosodimethylamine	4.15	42	42359	58.576	ng	# 72
6) Aniline	7.98	93	36440	14.323	ng	93
8) 2-Chlorophenol	8.23	128	107761	59.619	ng	85
9) Benzaldehyde	7.78	77	25118m	23.834	ng	
10) Phenol	7.84	94	108833	56.165	ng	87
11) bis(2-Chloroethyl)ether	8.07	93	76985	52.142	ng	87
12) 1,3-Dichlorobenzene	8.57	146	110728	45.299	ng	95
13) 1,4-Dichlorobenzene	8.72	146	112024	45.724	ng	92
14) 1,2-Dichlorobenzene	9.05	146	113578	47.323	ng	97
15) Benzyl Alcohol	8.92	79	100637	59.843	ng	93
16) 2,2'-oxybis(1-Chloropropan	9.21	45	89395	63.897	ng	69
17) 2-Methylphenol	9.12	107	85999	54.645	ng	94
18) Hexachloroethane	9.80	117	39725	48.294	ng	# 84
19) n-Nitroso-di-n-propylamine	9.50	70	82609	61.060	ng	# 91
20) 3+4-Methylphenols	9.46	107	124310	56.311	ng	92
22) Acetophenone	9.53	105	163096	45.260	ng	# 93
24) Nitrobenzene	9.93	77	119835	50.352	ng	92
25) Isophorone	10.44	82	248771	59.362	ng	# 86
26) 2-Nitrophenol	10.65	139	69289	48.162	ng	# 83
27) 2,4-Dimethylphenol	10.69	122	116779	56.553	ng	90
28) bis(2-Chloroethoxy)methane	10.93	93	130218	56.664	ng	# 94
29) 2,4-Dichlorophenol	11.20	162	157303	57.505	ng	90
30) 1,2,4-Trichlorobenzene	11.41	180	154486	42.373	ng	94
31) Naphthalene	11.61	128	352952	47.009	ng	98
32) Benzoic acid	10.84	122	61472m	41.134	ng	
33) 4-Chloroaniline	11.72	127	13001	3.882	ng	# 88
34) Hexachlorobutadiene	11.88	225	117233	41.329	ng	95
35) Caprolactam	12.48	113	37890m	48.250	ng	
36) 4-Chloro-3-methylphenol	12.80	107	159775	61.577	ng	90
37) 2-Methylnaphthalene	13.18	142	323724	51.322	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.53	216	260803	41.358	ng	96
40) Hexachlorocyclopentadiene	13.50	237	322799	81.928	ng	91

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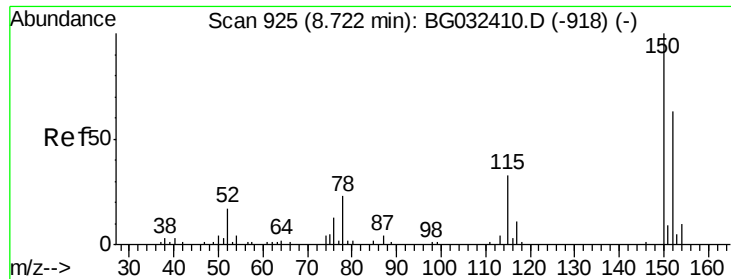
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.76	196	171448	49.984	nq	98
43) 2,4,5-Trichlorophenol	13.85	196	196413	49.121	nq #	92
45) 1,1'-Biphenyl	14.16	154	497615	43.696	nq	97
46) 2-Chloronaphthalene	14.21	162	387852	43.453	nq	98
47) 2-Nitroaniline	14.41	65	102543	51.951	nq #	78
48) Acenaphthylene	15.05	152	610095	45.214	nq	98
49) Dimethylphthalate	14.76	163	597553	48.079	nq #	98
50) 2,6-Dinitrotoluene	14.89	165	130576	50.056	nq #	83
51) Acenaphthene	15.39	154	401299	42.883	nq	98
52) 3-Nitroaniline	15.23	138	13609	5.973	nq #	79
53) 2,4-Dinitrophenol	15.43	184	169006	102.571	nq #	56
54) Dibenzofuran	15.72	168	668283	48.248	nq	96
55) 4-Nitrophenol	15.52	139	132399	77.616	nq #	77
56) 2,4-Dinitrotoluene	15.67	165	192276	51.769	nq #	70
57) Fluorene	16.37	166	548876	47.688	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.94	232	217218	55.080	nq #	85
59) Diethylphthalate	16.10	149	596266	49.259	nq	96
60) 4-Chlorophenyl-phenylether	16.34	204	358421	49.384	nq	93
61) 4-Nitroaniline	16.38	138	80076	32.789	nq #	77
62) Azobenzene	16.64	77	394601	54.549	nq	86
64) 4,6-Dinitro-2-methylphenol	16.43	198	126481	46.236	nq	75
65) n-Nitrosodiphenylamine	16.56	169	529257	48.432	nq	99
66) 4-Bromophenyl-phenylether	17.24	248	270733	49.907	nq	96
67) Hexachlorobenzene	17.37	284	266904	44.460	nq #	90
68) Atrazine	17.48	200	228181	48.642	nq	96
69) Pentachlorophenol	17.71	266	325731	86.614	nq	98
70) Phenanthrene	18.11	178	953312	46.685	nq	99
71) Anthracene	18.19	178	995514	48.961	nq	98
72) Carbazole	18.46	167	732801	40.791	nq	98
73) Di-n-butylphthalate	18.96	149	847170	42.592	nq #	99
74) Fluoranthene	20.07	202	1081252	40.376	nq	96
76) Benzidine	20.25	184	56479	8.125	nq	96
77) Pyrene	20.43	202	1064001	49.006	nq	98
79) Butylbenzylphthalate	21.29	149	346917	50.657	nq #	78
80) Benzo(a)anthracene	22.37	228	1101551	50.195	nq	98
81) 3,3'-Dichlorobenzidine	22.27	252	157227	18.492	nq #	94
82) Chrysene	22.45	228	1046775	49.391	nq	97
83) Bis(2-ethylhexyl)phthalate	22.21	149	494309	50.905	nq #	98
84) Di-n-octyl phthalate	23.58	149	863274	56.051	nq #	90
85) Indeno(1,2,3-cd)pyrene	30.31	276	1324737	49.411	nq #	86
87) Benzo(b)fluoranthene	24.89	252	1163330	51.189	nq #	95
88) Benzo(k)fluoranthene	24.97	252	1140229	50.647	nq #	96
89) Benzo(a)pyrene	25.88	252	1135047	52.388	nq #	96
90) Dibenzo(a,h)anthracene	30.39	278	1106931	49.943	nq #	92
91) Benzo(g,h,i)perylene	31.66	276	1099567	49.981	nq #	90

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.69 min Scan# 919

Delta R.T. -0.02 min

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Instrument :

BNA_G

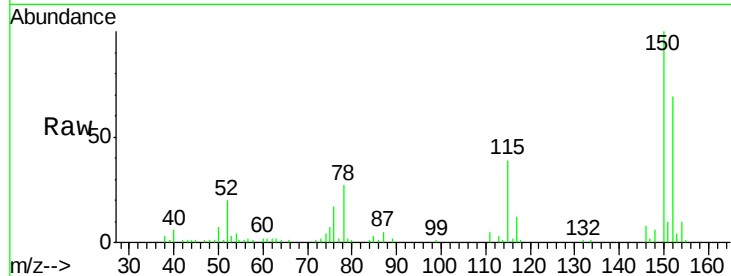
ClientSampleId :

RO-154MSD

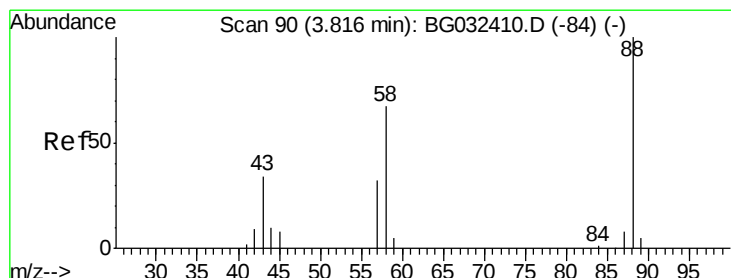
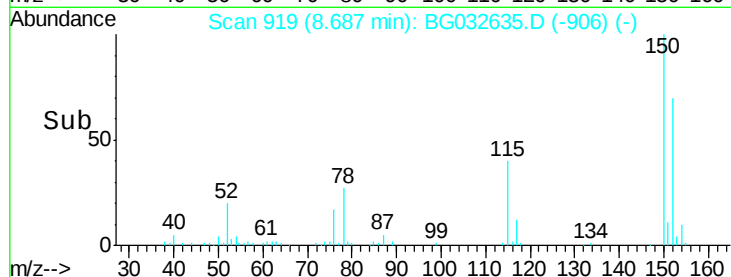
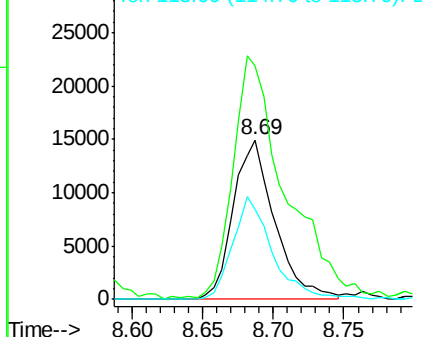
Tot Ion:	152	Resp:	30713
Ion	Ratio	Lower	Upper
152	100		
150	146.0	126.6	189.8
115	56.7	53.0	79.4

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



#2

1,4-Dioxane

Concen: 39.744 ng

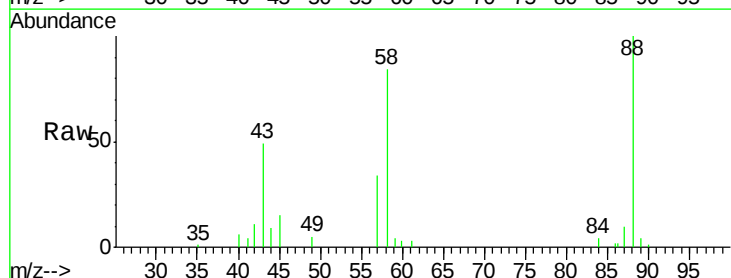
RT: 3.79 min Scan# 86

Delta R.T. -0.02 min

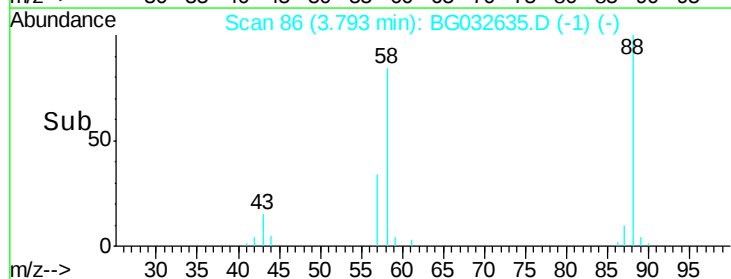
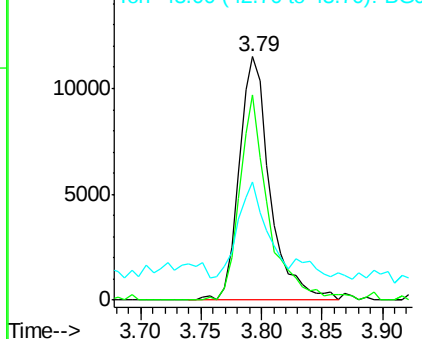
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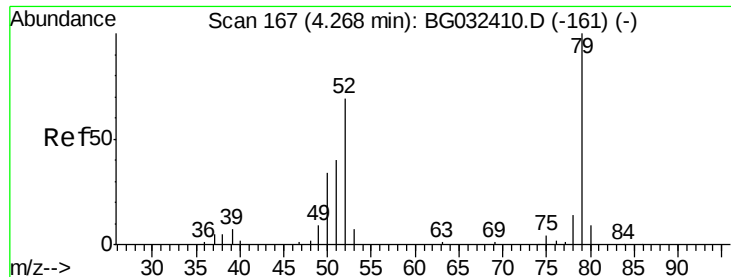
Acq: 9 Feb 2018 17:42

Tgt Ion:	88	Resp:	20447
Ion	Ratio	Lower	Upper
88	100		
58	78.1	79.6	119.4#
43	36.6	27.4	41.0



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





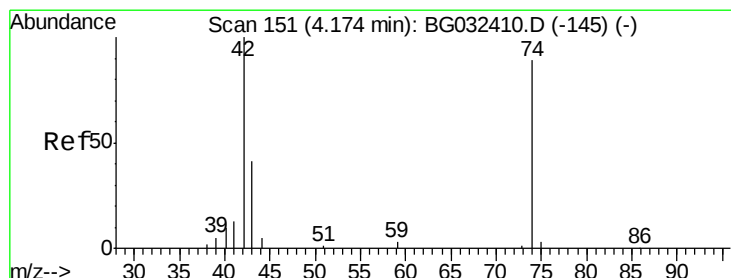
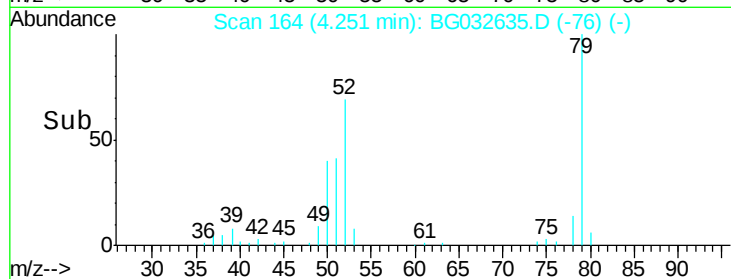
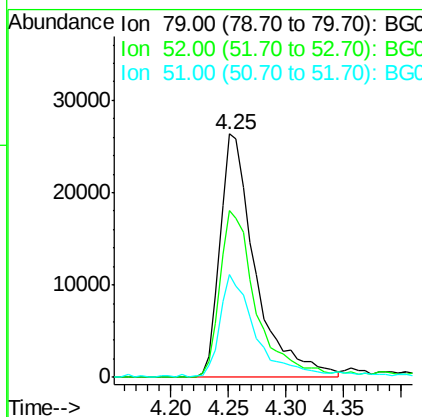
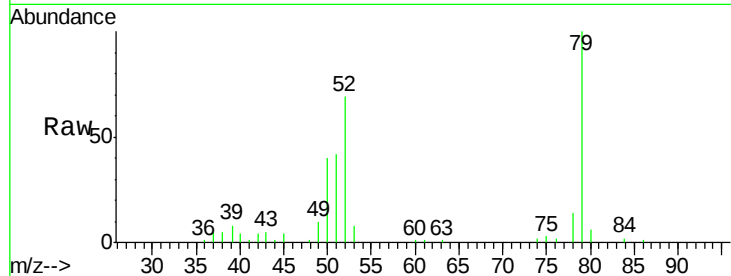
#3
 Pvridine
 Concen: 40.380 ng
 RT: 4.25 min Scan# 164
 Delta R.T. -0.01 min
 Lab File: BG032635.D
 Acq: 9 Feb 2018 17:42

Instrument :
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 ClientSampleId :
 RO-154MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	68.6	69.9	104.9#
51	42.4	34.0	51.0

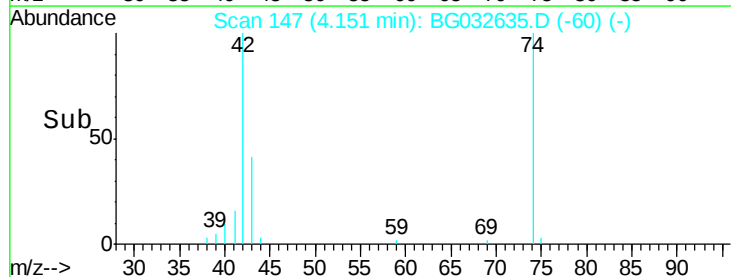
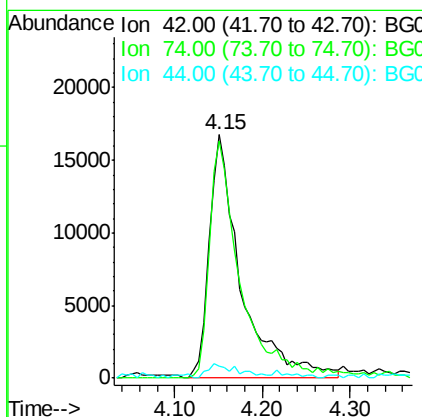
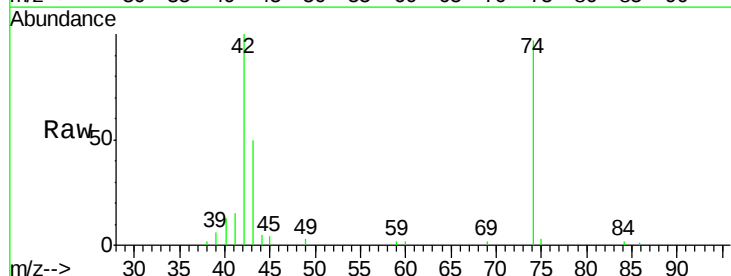
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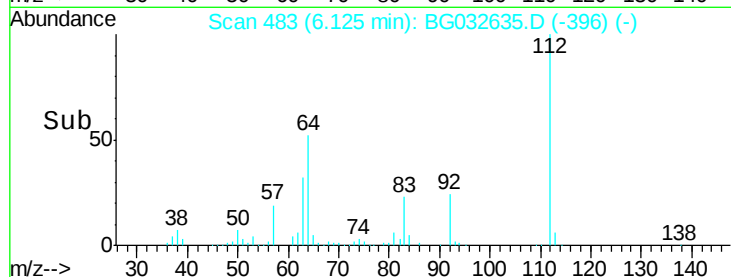
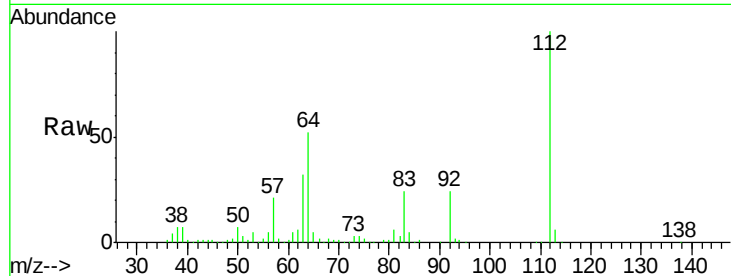
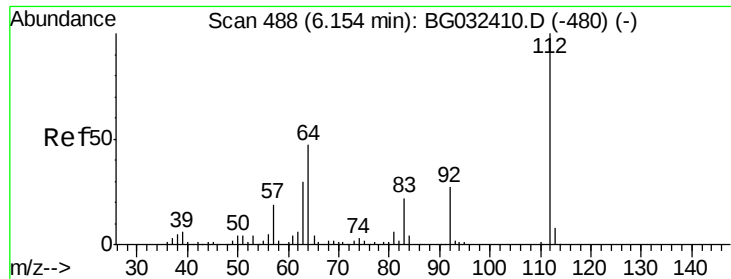
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#4
 n-Nitrosodimethylamine
 Concen: 58.576 ng
 RT: 4.15 min Scan# 147
 Delta R.T. -0.02 min
 Lab File: BG032635.D
 Acq: 9 Feb 2018 17:42

Tgt Ion	Ratio	Lower	Upper
42	100		
74	97.4	102.5	153.7#
44	5.2	18.9	28.3#





#5

2-Fluorophenol

Concen: 145.435 ng

RT: 6.13 min Scan# 483

Delta R.T. -0.02 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

Tot Ion:	112	Resp:	222386
Ion Ratio	Lower	Upper	
112	100		
64	52.1	56.3	84.5#
63	32.5	30.1	45.1

Instrument :

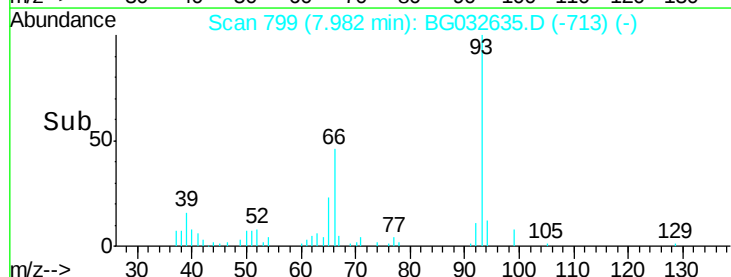
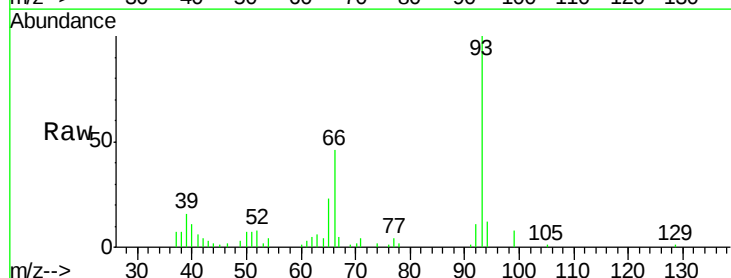
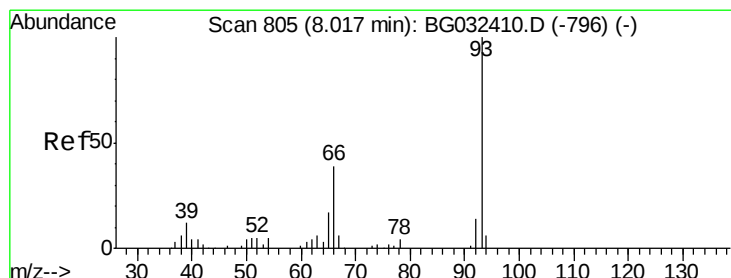
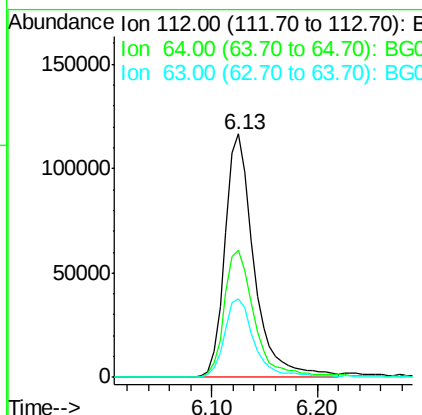
BNA_G

ClientSampleId :

RO-154MSD

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#6

Aniline

Concen: 14.323 ng

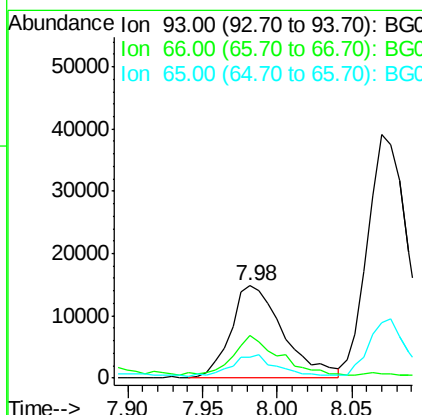
RT: 7.98 min Scan# 799

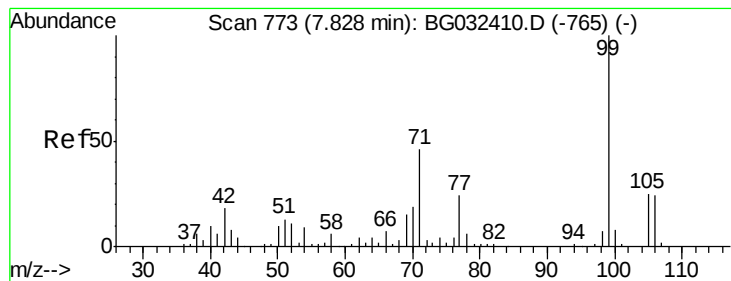
Delta R.T. -0.02 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

Tgt Ion:	93	Resp:	36440
Ion Ratio	Lower	Upper	
93	100		
66	46.2	33.7	50.5
65	23.2	16.1	24.1





#7

Phenol-d6

Concen: 142.033 ng

RT: 7.81 min Scan# 769

Delta R.T. -0.02 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

Instrument :

BNA_G

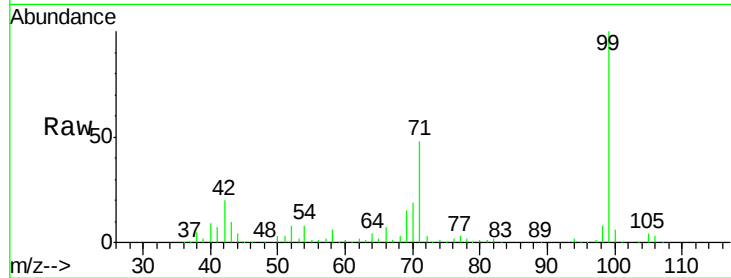
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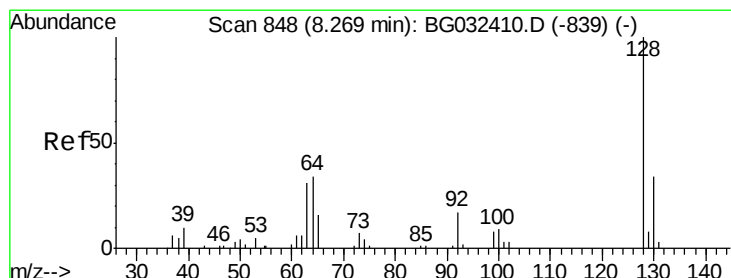
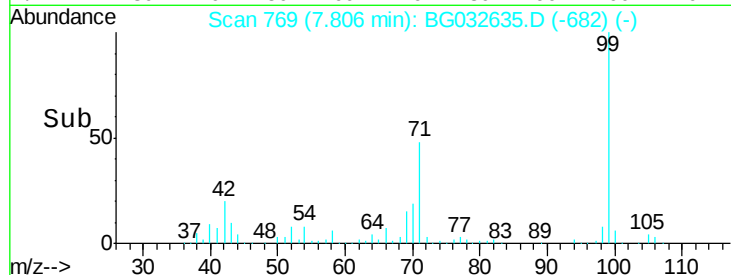
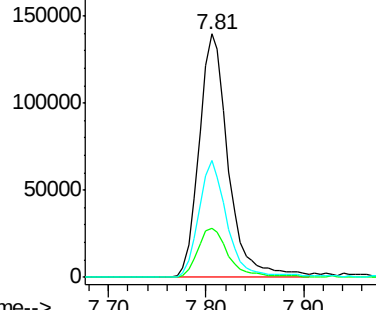
Tot Ion:	99	Resp:	289813
Ion Ratio	Lower	Upper	
99	100		
42	20.1	14.1	21.1
71	48.0	26.1	39.1

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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 59.619 ng

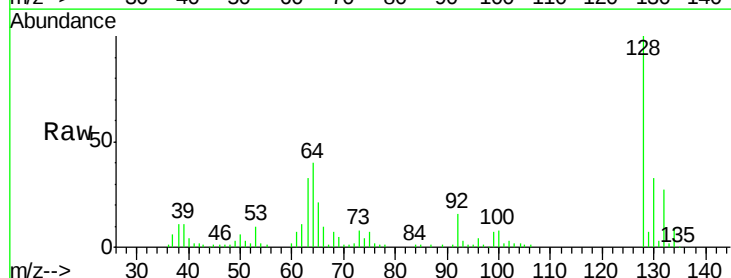
RT: 8.23 min Scan# 842

Delta R.T. -0.02 min

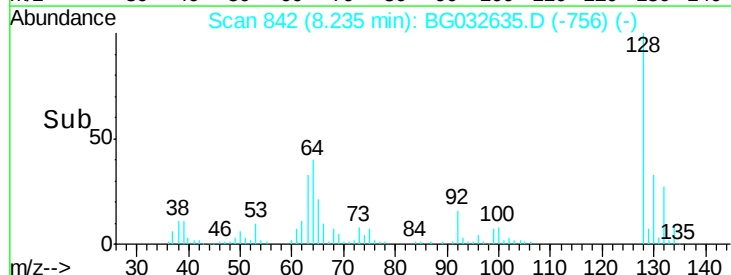
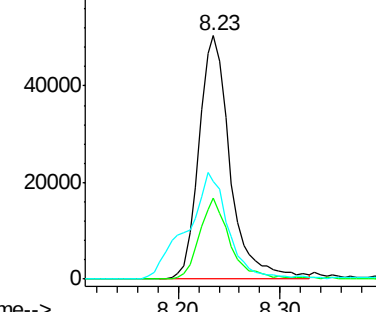
Lab File: BG032635.D

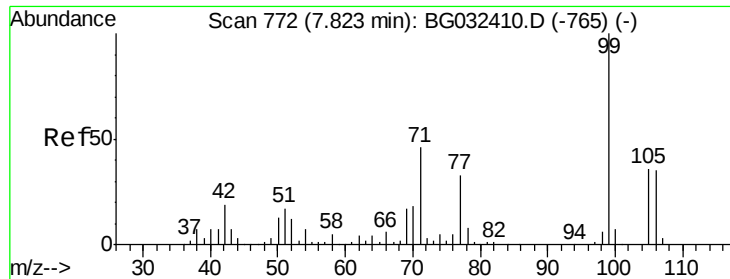
Acq: 9 Feb 2018 17:42

Tgt Ion:	128	Resp:	107761
Ion Ratio	Lower	Upper	
128	100		
130	33.2	14.0	54.0
64	40.2	37.7	77.7



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 23.834 ng/mL

RT: 7.78 min Scan# 765

Delta R.T. -0.03 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

Instrument :

BNA_G

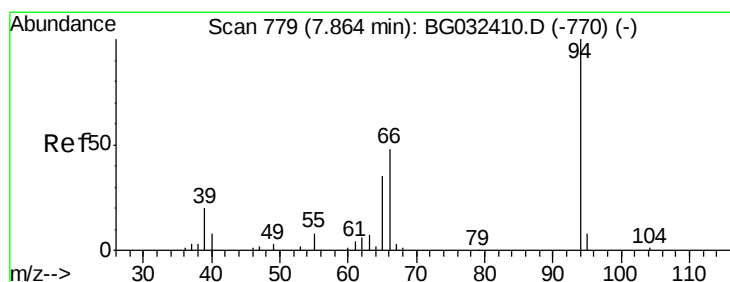
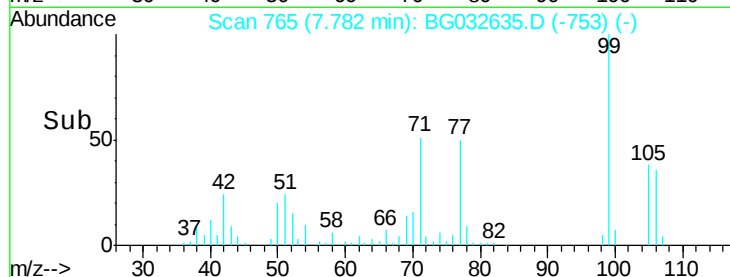
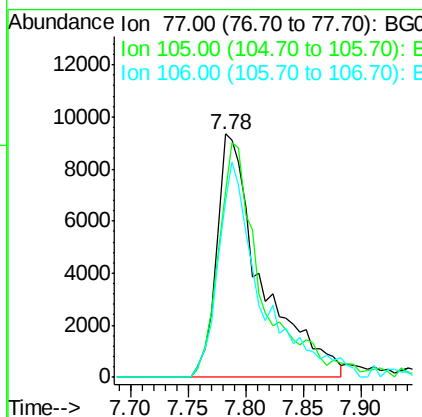
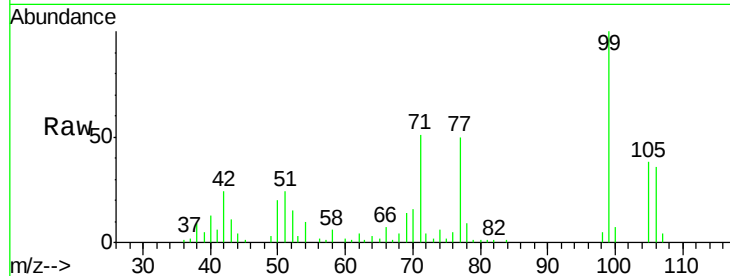
ClientSampleID :

RO-154MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	76.4	71.3	111.3	
106	72.8	64.2	104.2	

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#10

Phenol

Concen: 56.165 ng/mL

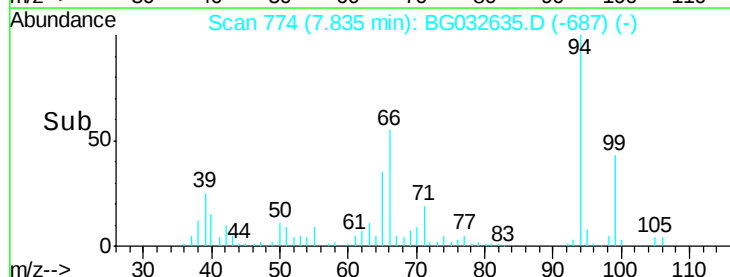
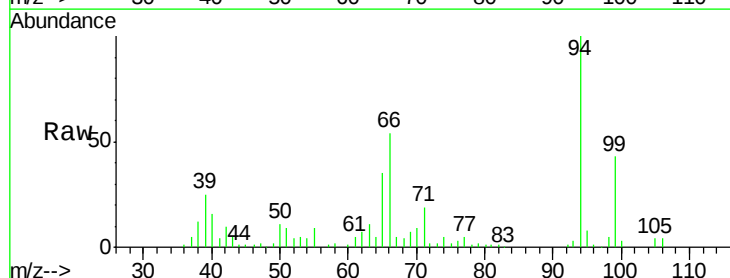
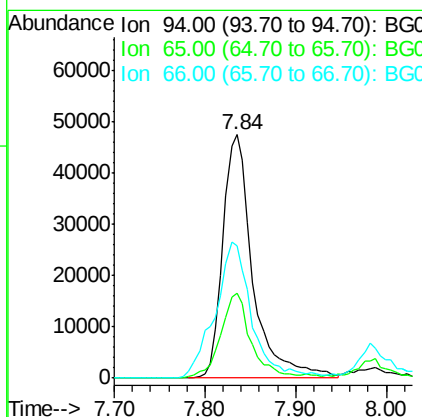
RT: 7.84 min Scan# 774

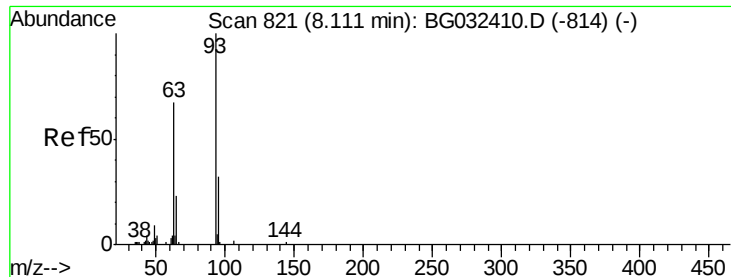
Delta R.T. -0.02 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	35.1	11.9	51.9	
66	54.4	22.2	62.2	





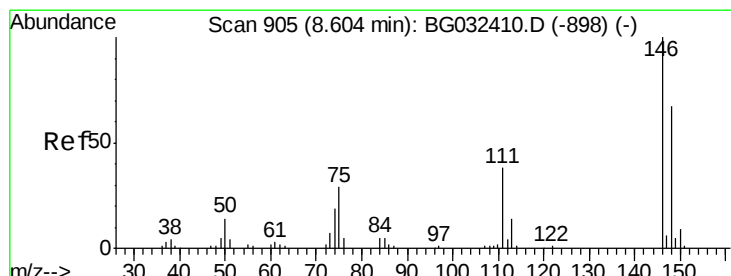
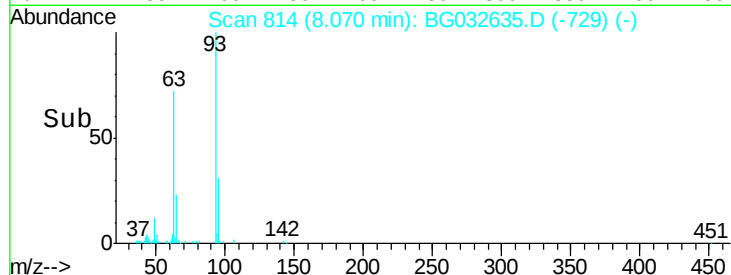
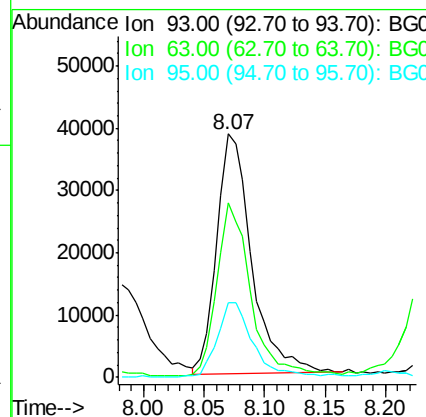
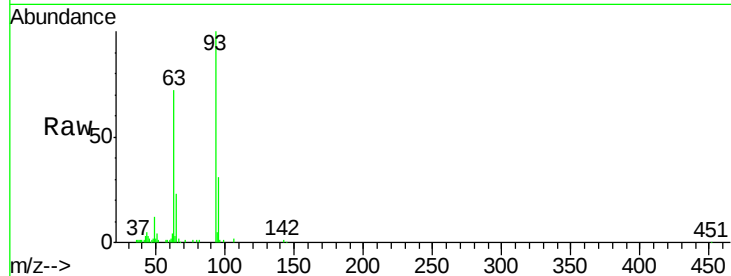
#11
bis(2-Chloroethyl)ether
Concen: 52.142 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.03 min
Lab File: BG032635.D
Acq: 9 Feb 2018 17:42

Instrument :
BNA_G
ClientSampled :
RO-154MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.7	67.1	107.1
95	30.9	11.5	51.5

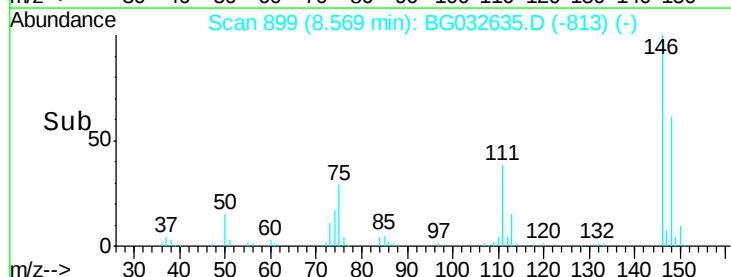
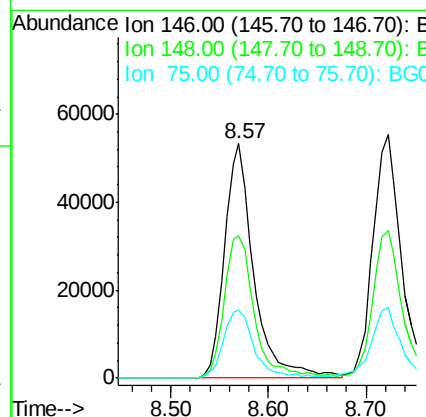
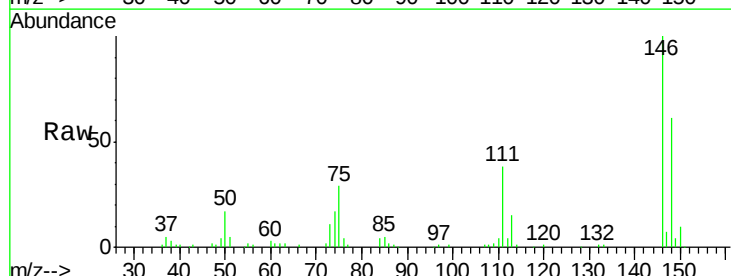
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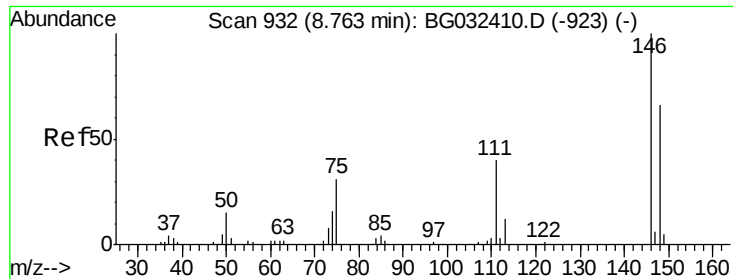
Sohil
2/13/2018 11:29:48 AM



#12
1,3-Dichlorobenzene
Concen: 45.299 ng
RT: 8.57 min Scan# 899
Delta R.T. -0.02 min
Lab File: BG032635.D
Acq: 9 Feb 2018 17:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.9	51.4	77.2
75	29.3	26.6	39.8





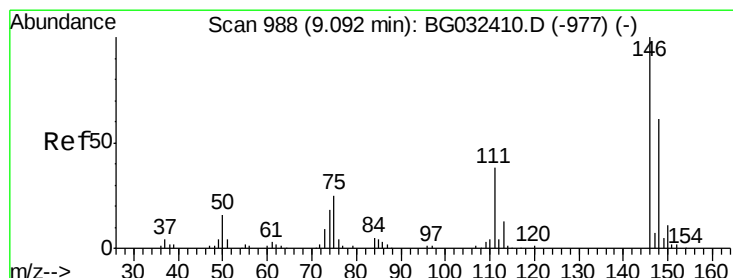
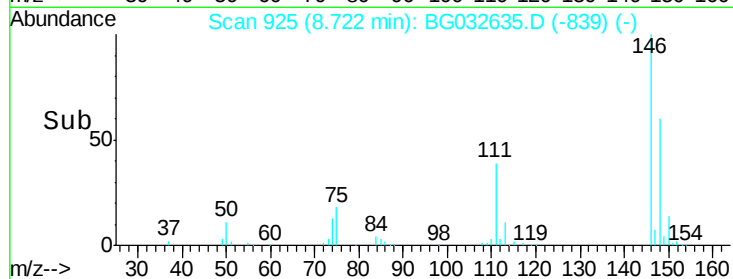
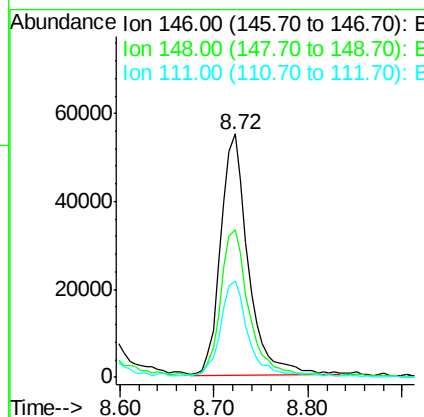
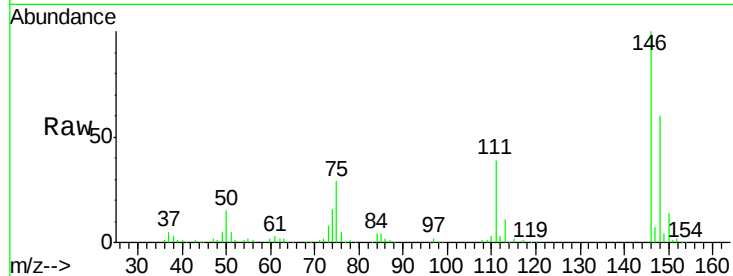
#13
 1,4-Dichlorobenzene
 Concen: 45.724 ng
 RT: 8.72 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BG032635.D
 Acq: 9 Feb 2018 17:42

Instrument :
 BNA_G
 ClientSampleId :
 RO-154MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	60.5	53.7	80.5
111	39.4	35.2	52.8

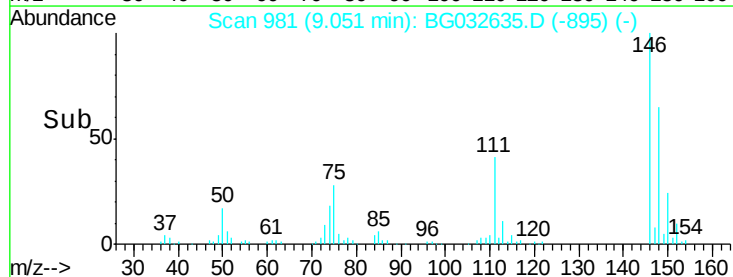
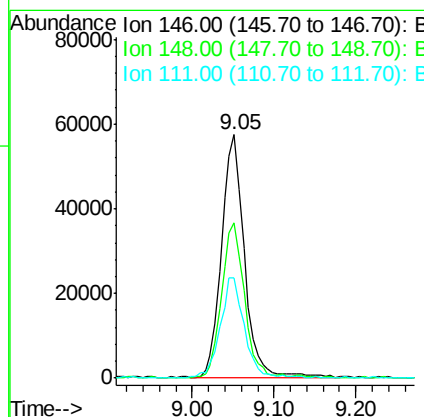
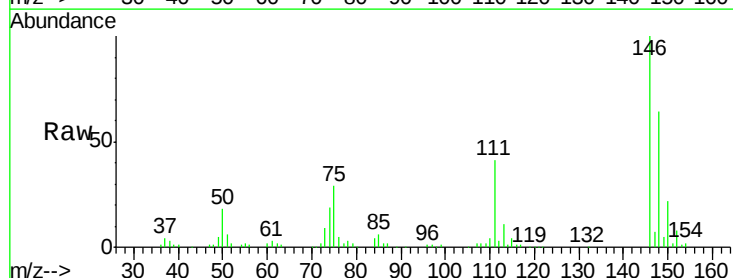
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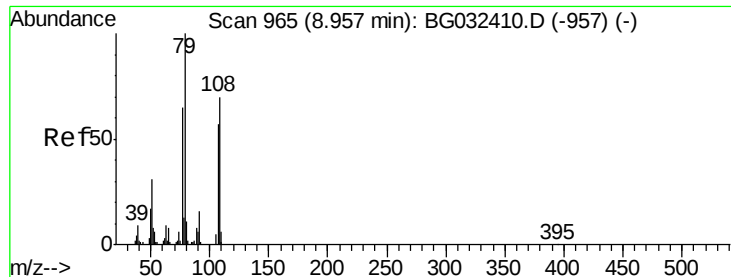
Sohil
 2/13/2018 11:29:48 AM



#14
 1,2-Dichlorobenzene
 Concen: 47.323 ng
 RT: 9.05 min Scan# 981
 Delta R.T. -0.02 min
 Lab File: BG032635.D
 Acq: 9 Feb 2018 17:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	49.3	73.9
111	41.2	34.3	51.5





#15

Benzyl Alcohol

Concen: 59.843 ng

RT: 8.92 min Scan# 959

Delta R.T. -0.02 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

Instrument :

BNA_G

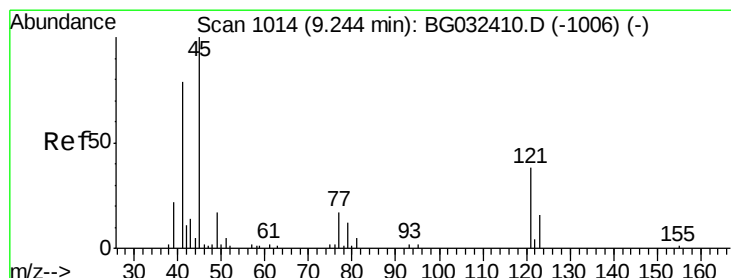
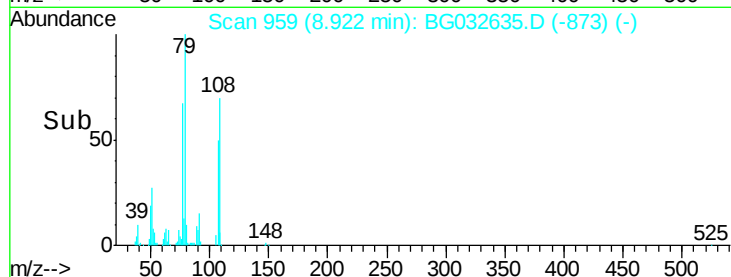
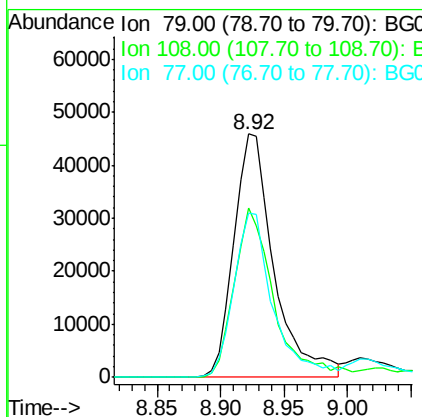
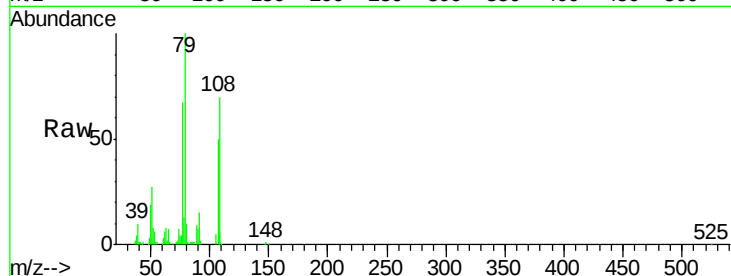
ClientSampleId :

RO-154MSD

Tot Ion:	79	Resp:	100637
Ion Ratio	Lower	Upper	
79	100		
108	69.6	57.2	85.8
77	67.4	46.1	69.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 63.897 ng

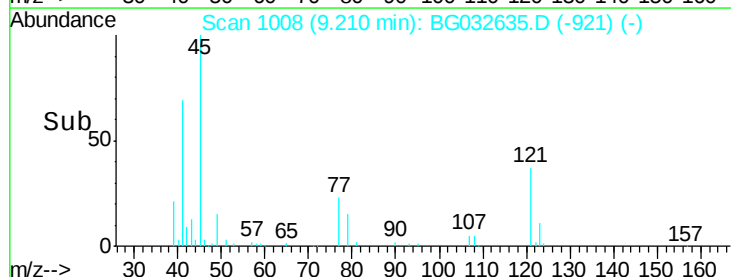
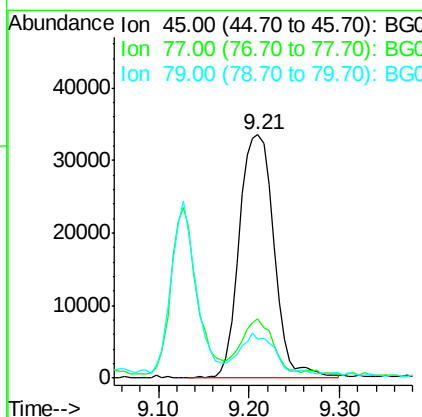
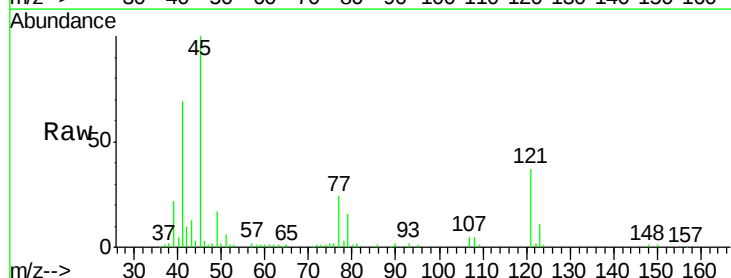
RT: 9.21 min Scan# 1008

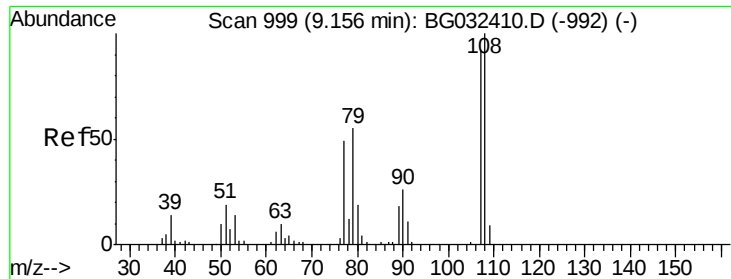
Delta R.T. -0.02 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

Tgt Ion:	45	Resp:	89395
Ion Ratio	Lower	Upper	
45	100		
77	24.2	0.0	30.2
79	16.1	0.0	27.9





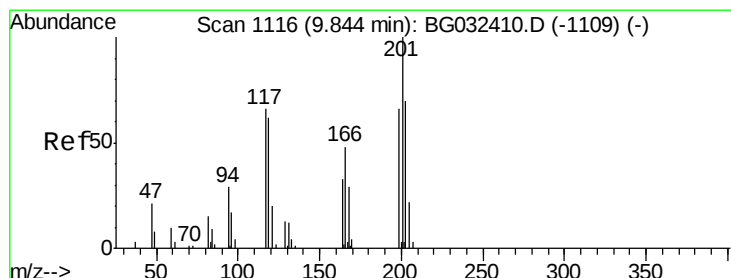
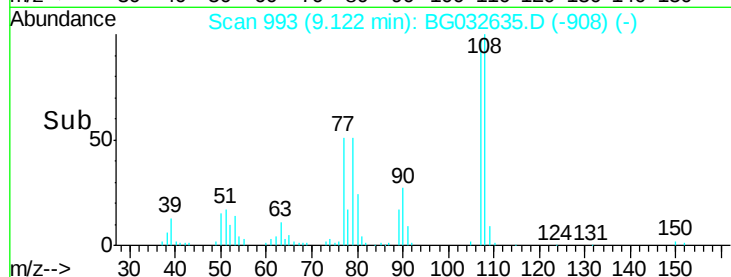
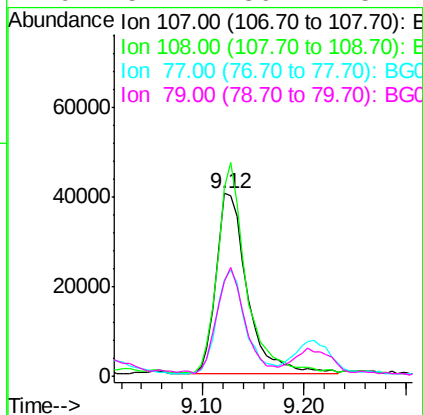
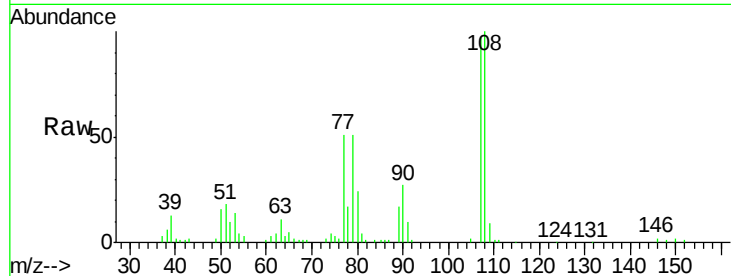
#17
2-Methylphenol
Concen: 54.645 ng
RT: 9.12 min Scan# 993
Delta R.T. -0.03 min
Lab File: BG032635.D
Acq: 9 Feb 2018 17:42

Instrument :
BNA_G
ClientSampleId :
RO-154MSD

Tot Ion:	107	Resp:	85999
Ion	Ratio	Lower	Upper
107	100		
108	102.8	83.9	125.9
77	52.9	37.2	55.8
79	52.1	36.2	54.2

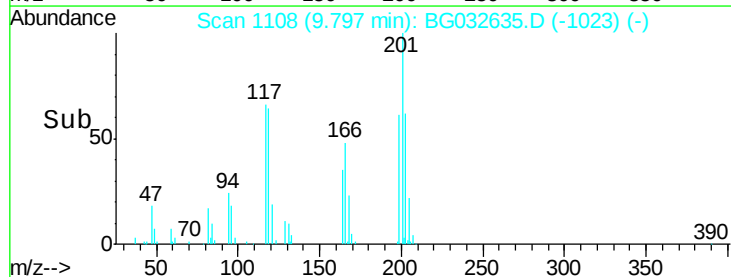
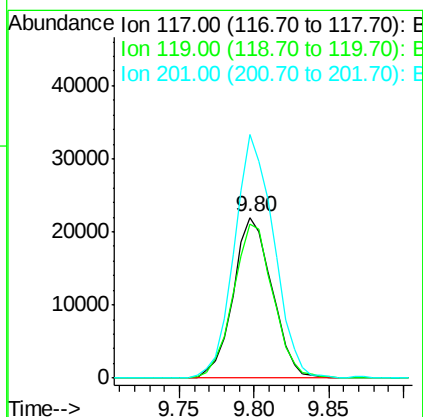
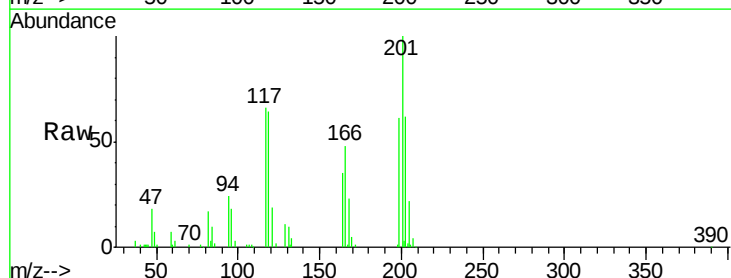
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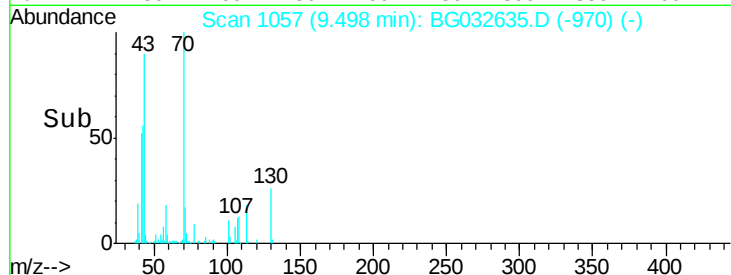
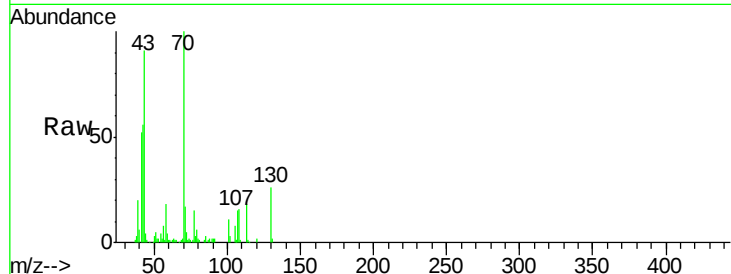
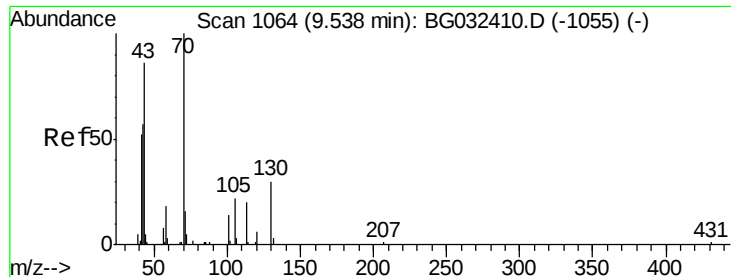
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#18
Hexachloroethane
Concen: 48.294 ng
RT: 9.80 min Scan# 1108
Delta R.T. -0.03 min
Lab File: BG032635.D
Acq: 9 Feb 2018 17:42

Tgt Ion:	117	Resp:	39725
Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.7	115.1
201	151.8	95.7	143.5#





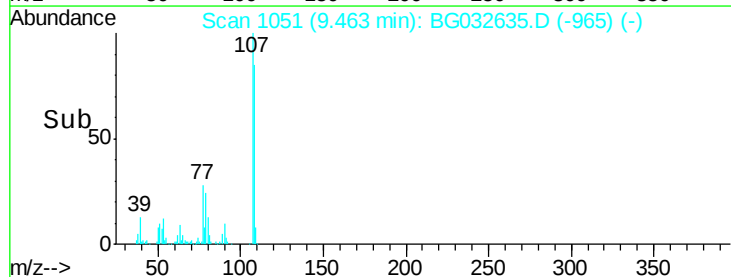
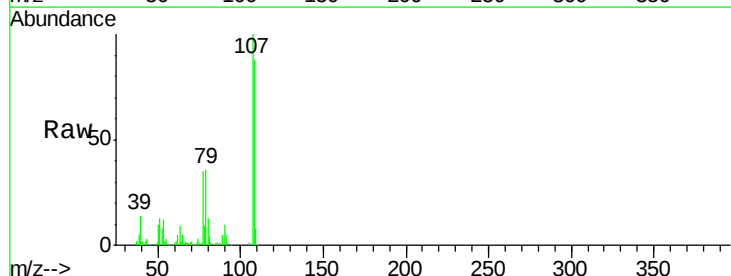
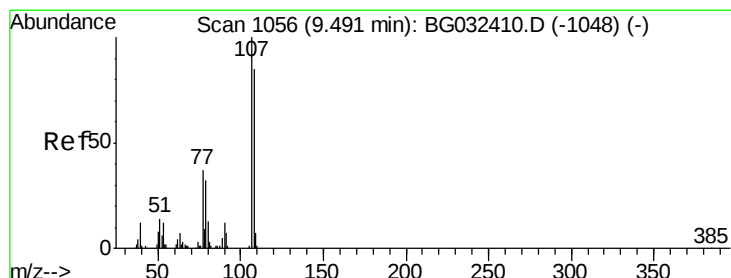
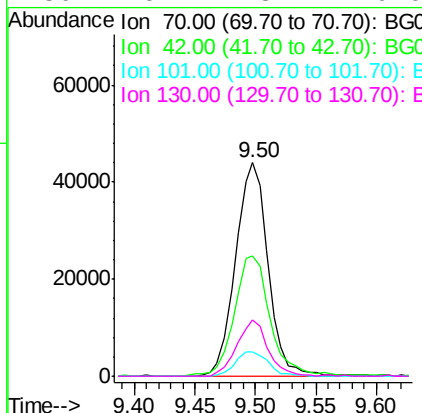
#19
n-Nitroso-di-n-propylamine
Concen: 61.060 ng
RT: 9.50 min Scan# 1057
Delta R.T. -0.02 min
Lab File: BG032635.D
Acq: 9 Feb 2018 17:42

Tot Ion	70	Resp	82609
Ion Ratio	Lower	Upper	
70	100		
42	56.4	49.1	73.7
101	11.3	8.5	12.7
130	26.4	13.4	20.0#

Instrument :
BNA_G
ClientSampleId :
RO-154MSD

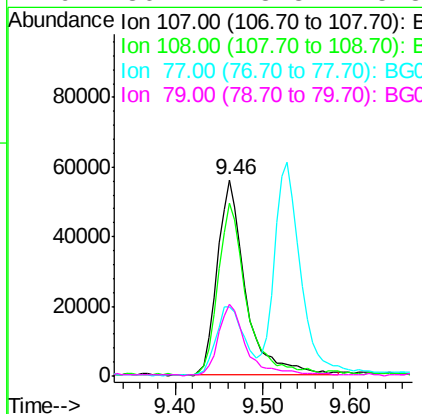
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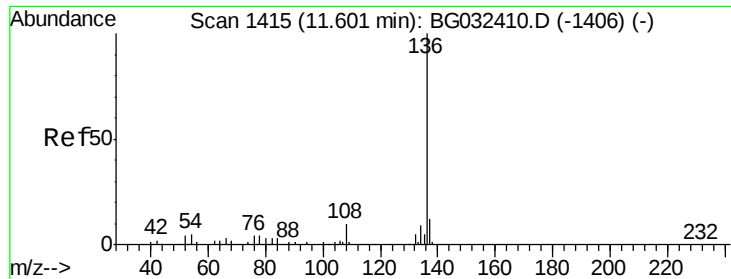
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#20
3+4-Methylphenols
Concen: 56.311 ng
RT: 9.46 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BG032635.D
Acq: 9 Feb 2018 17:42

Tgt Ion	107	Resp	124310
Ion Ratio	Lower	Upper	
107	100		
108	88.4	61.6	101.6
77	35.3	13.9	53.9
79	36.4	8.8	48.8





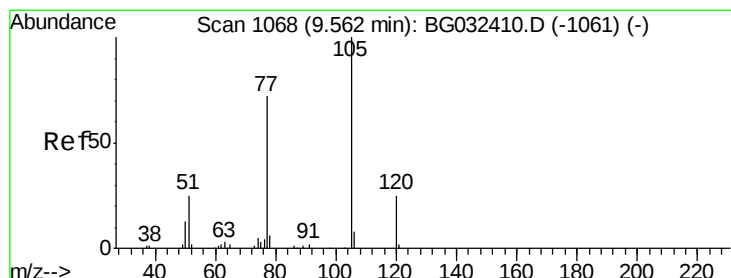
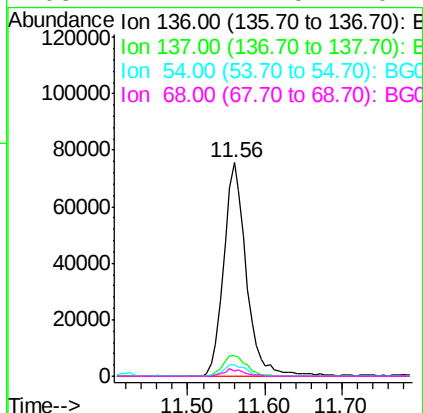
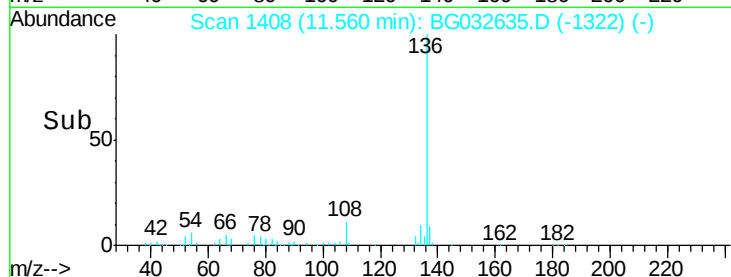
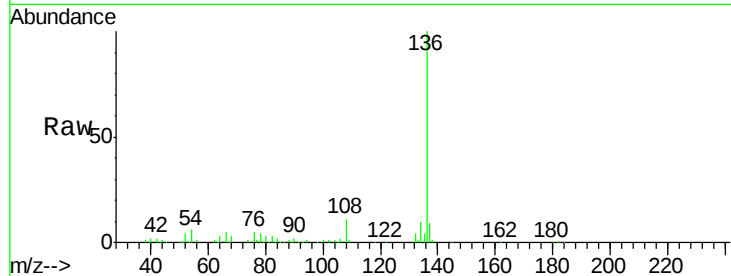
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.56 min Scan# 1408
Delta R.T. -0.02 min
Lab File: BG032635.D
Acq: 9 Feb 2018 17:42

Instrument :
BNA_G
ClientSampleId :
RO-154MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	9.4	9.2	13.8	
54	5.5	10.3	15.5#	
68	2.7	4.5	6.7#	

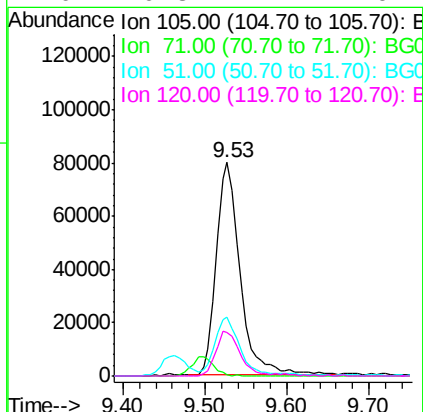
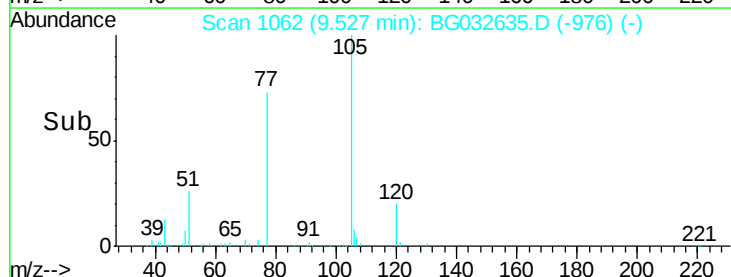
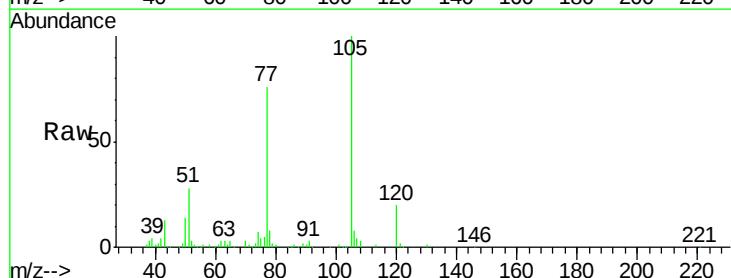
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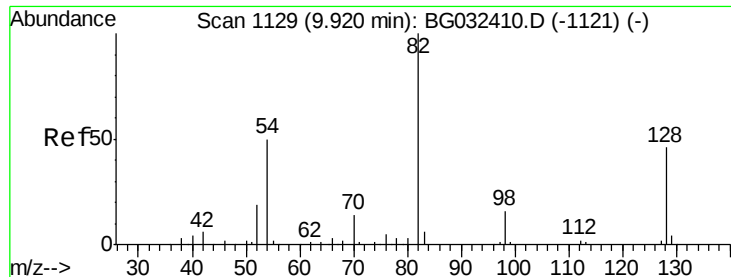
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#22
Acetophenone
Concen: 45.260 ng
RT: 9.53 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG032635.D
Acq: 9 Feb 2018 17:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.6	3.0	4.4#	
51	27.8	26.1	39.1	
120	20.3	17.4	26.2	





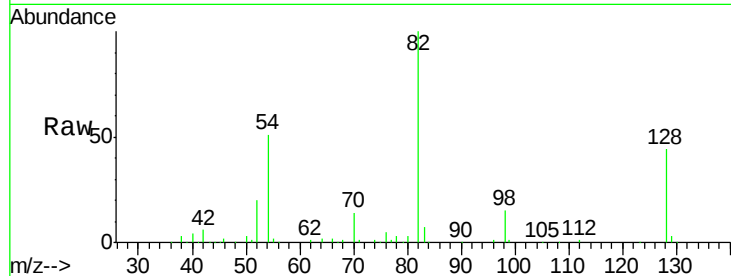
#23
 Nitrobenzene-d5
 Concen: 91.160 ng
 RT: 9.89 min Scan# 1123
 Delta R.T. -0.02 min
 Lab File: BG032635.D
 Acq: 9 Feb 2018 17:42

Instrument :
 BNA_G
 ClientSampleId :
 RO-154MSD

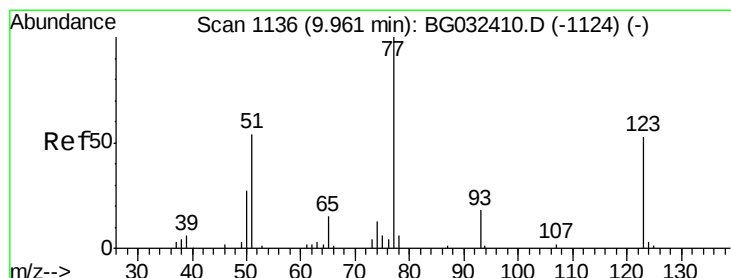
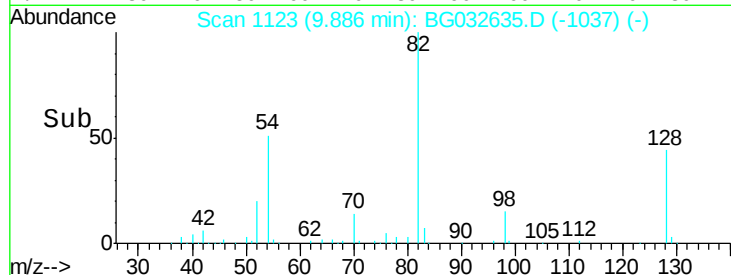
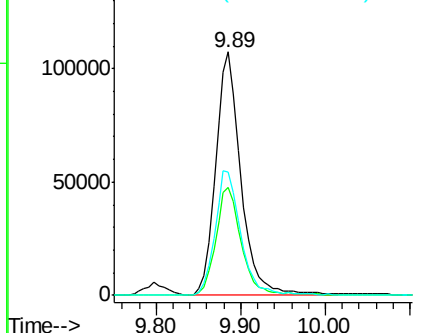
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.1	29.7	44.5	
54	50.9	43.1	64.7	

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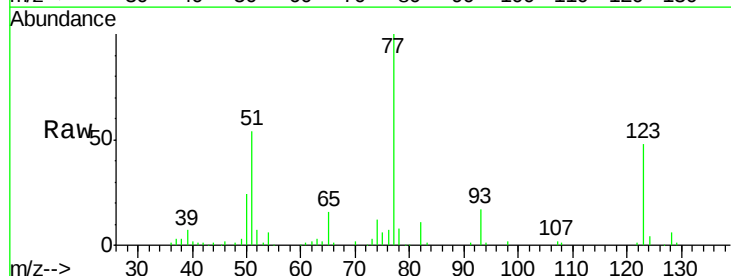


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

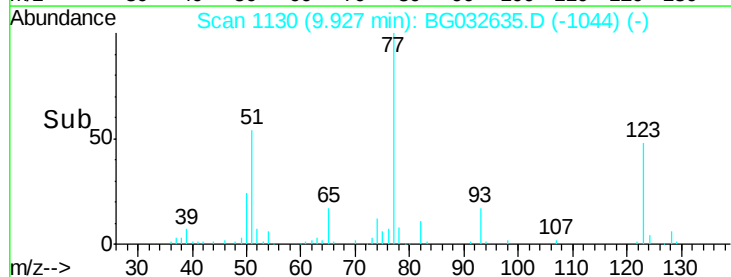
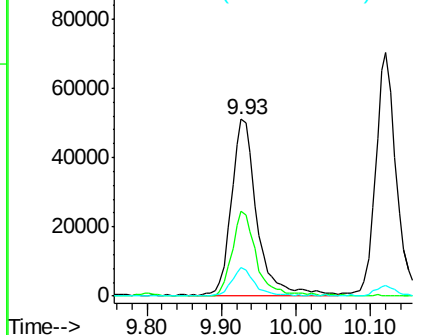


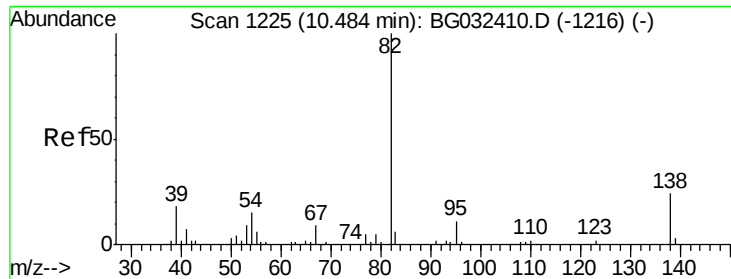
#24
 Nitrobenzene
 Concen: 50.352 ng
 RT: 9.93 min Scan# 1130
 Delta R.T. -0.02 min
 Lab File: BG032635.D
 Acq: 9 Feb 2018 17:42

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	47.9	33.0	49.6	
65	16.5	13.0	19.6	



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





#25

Isophorone

Concen: 59.362 ng

RT: 10.44 min Scan# 1218

Delta R.T. -0.02 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

Instrument :

BNA_G

ClientSampleId :

RO-154MSD

Tot Ion: 82 Resp: 248771

Ion Ratio Lower Upper

82 100

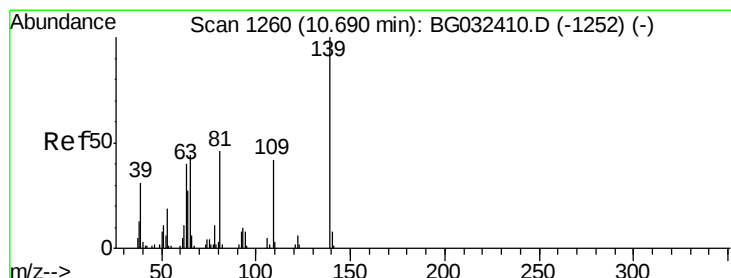
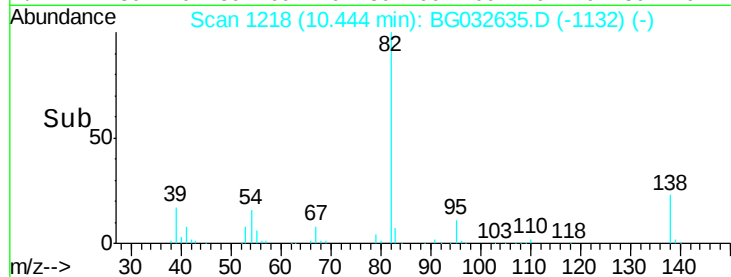
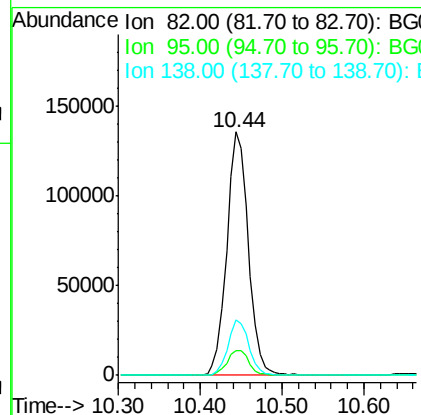
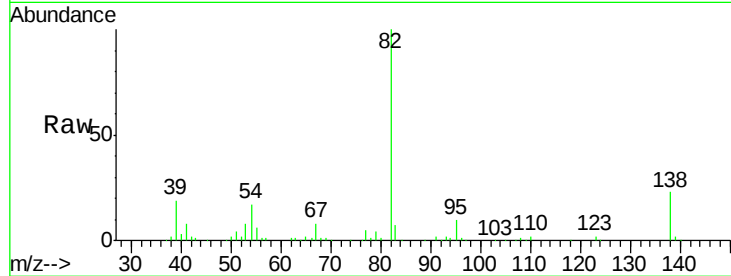
95 10.3 6.2 9.2#

138 22.6 12.1 18.1#

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#26

2-Nitrophenol

Concen: 48.162 ng

RT: 10.65 min Scan# 1253

Delta R.T. -0.03 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

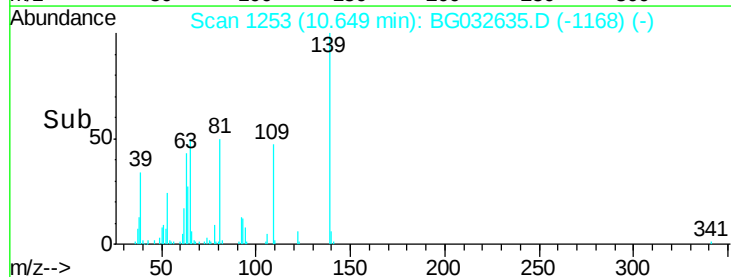
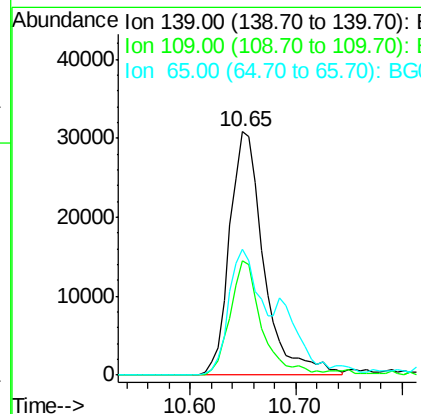
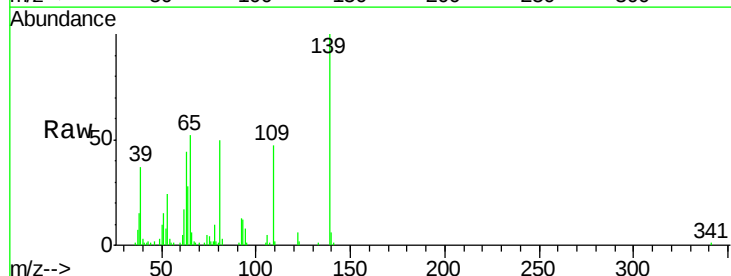
Tgt Ion: 139 Resp: 69289

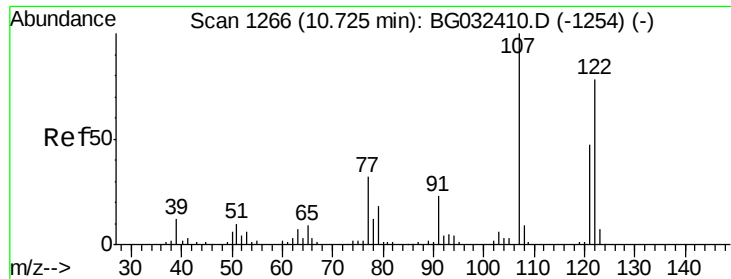
Ion Ratio Lower Upper

139 100

109 46.8 24.2 36.2#

65 51.7 47.4 71.0





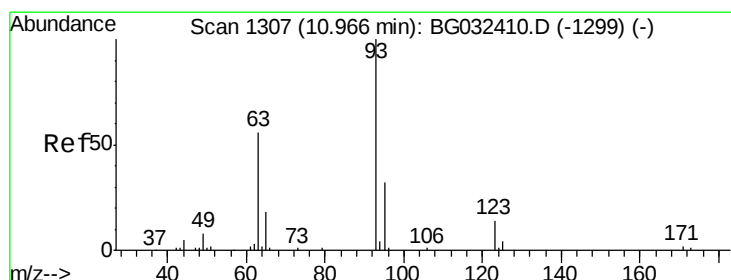
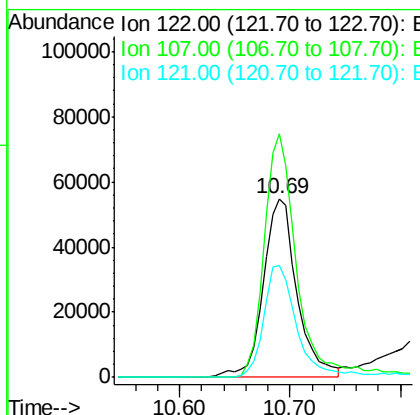
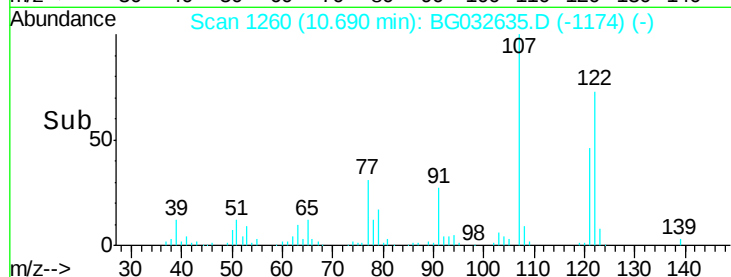
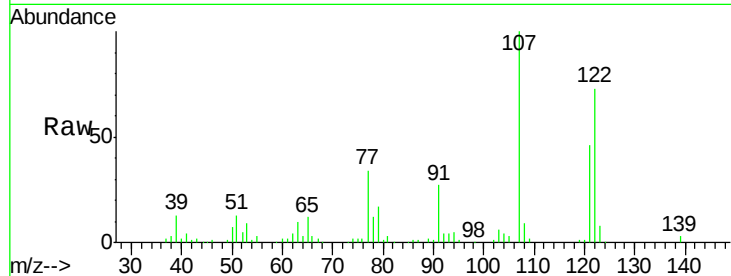
#27
2,4-Dimethylphenol
Concen: 56.553 ng
RT: 10.69 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BG032635.D
Acq: 9 Feb 2018 17:42

Instrument :
BNA_G
ClientSampled :
RO-154MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	136.3	100.2	150.2		
121	62.9	44.4	66.6		

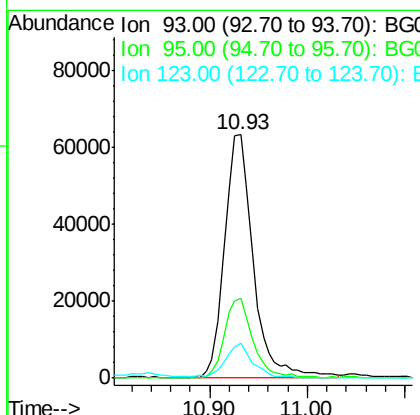
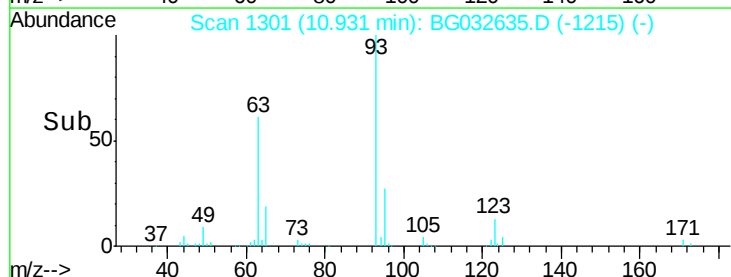
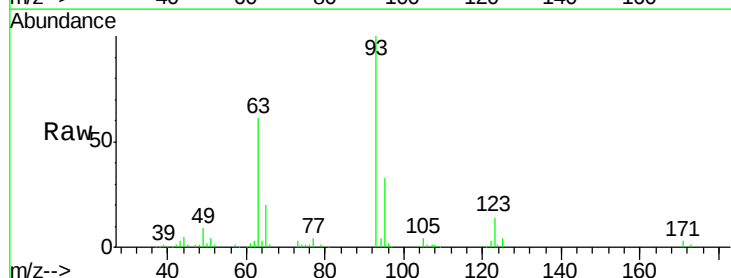
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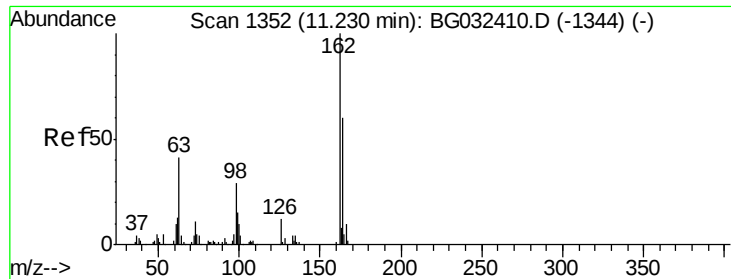
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 56.664 ng
RT: 10.93 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BG032635.D
Acq: 9 Feb 2018 17:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	32.6	24.3	36.5		
123	14.4	8.4	12.6		





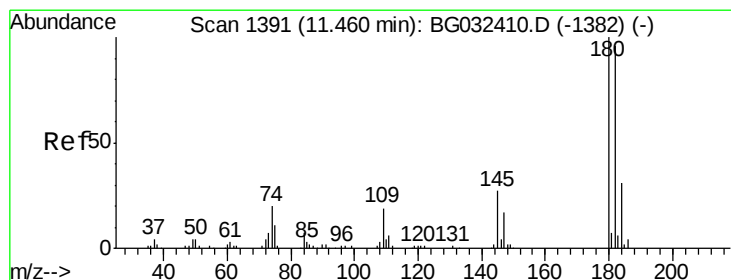
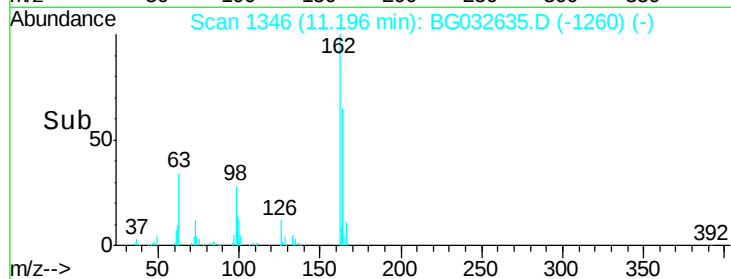
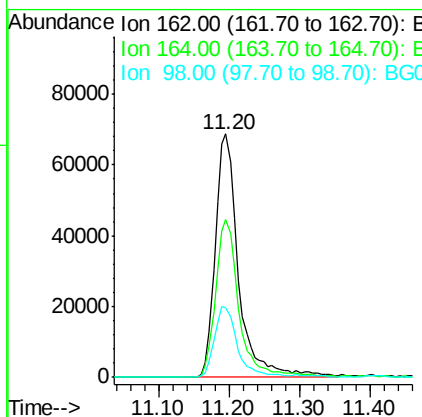
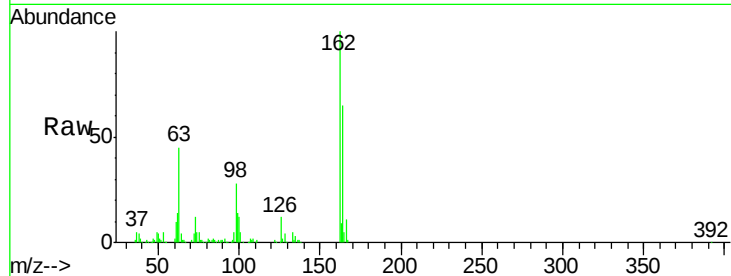
#29
 2,4-Dichlorophenol
 Concen: 57.505 ng
 RT: 11.20 min Scan# 1346
 Delta R.T. -0.02 min
 Lab File: BG032635.D
 Acq: 9 Feb 2018 17:42

Instrument :
 BNA_G
 ClientSampleId :
 RO-154MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	157303		
164	65.0	48.0	88.0	
98	28.4	21.1	61.1	

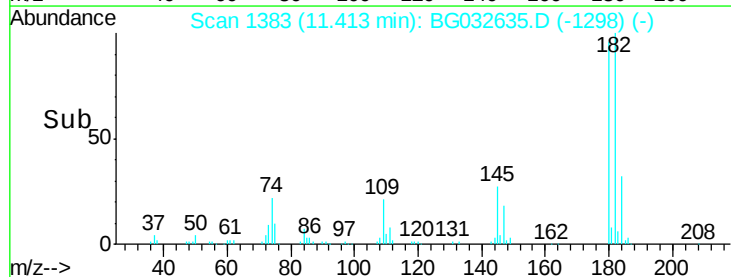
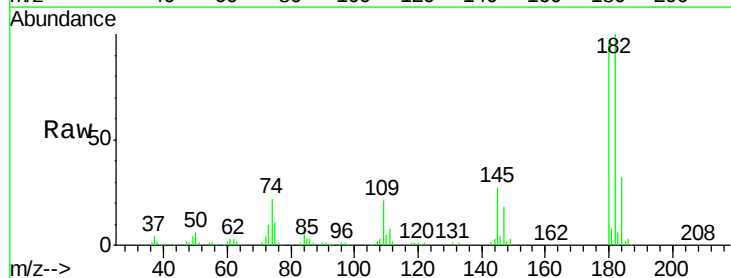
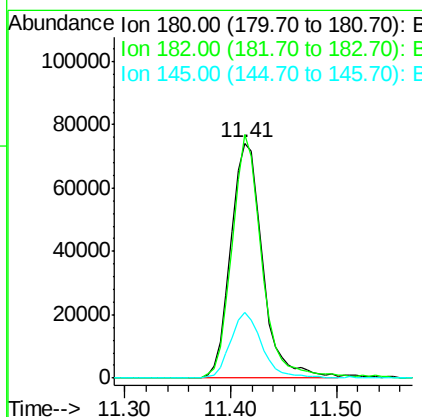
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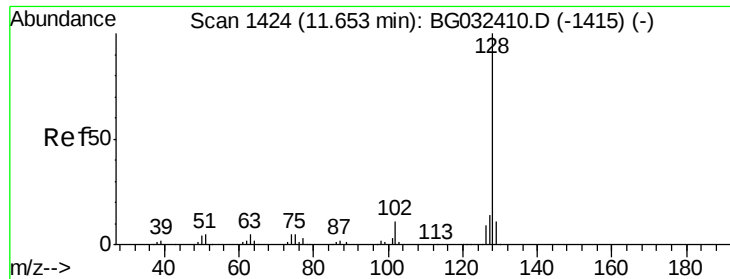
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.373 ng
 RT: 11.41 min Scan# 1383
 Delta R.T. -0.03 min
 Lab File: BG032635.D
 Acq: 9 Feb 2018 17:42

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	154486		
182	103.6	77.5	116.3	
145	28.0	23.4	35.2	





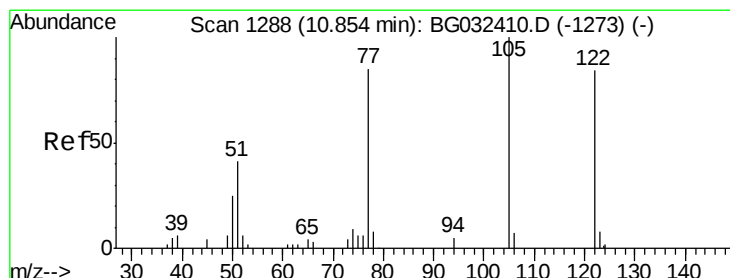
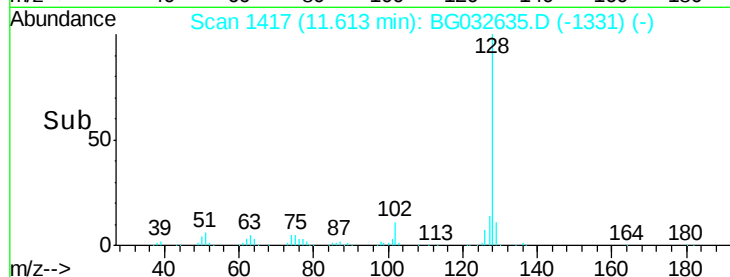
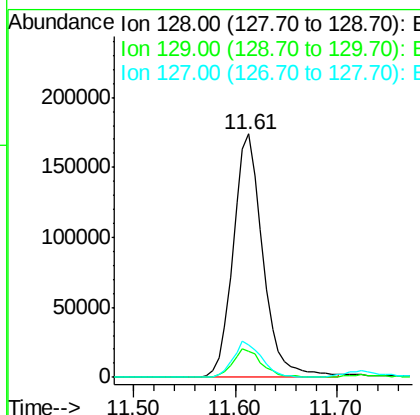
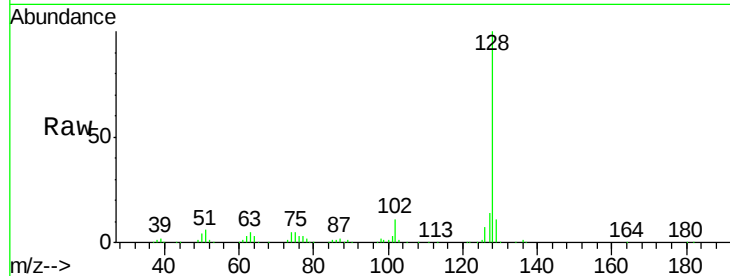
#31
Naphthalene
Concen: 47.009 ng
RT: 11.61 min Scan# 1417
Delta R.T. -0.02 min
Lab File: BG032635.D
Acq: 9 Feb 2018 17:42

Instrument :
BNA_G
ClientSampleId :
RO-154MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.9	8.6	12.8	
127	13.5	11.6	17.4	

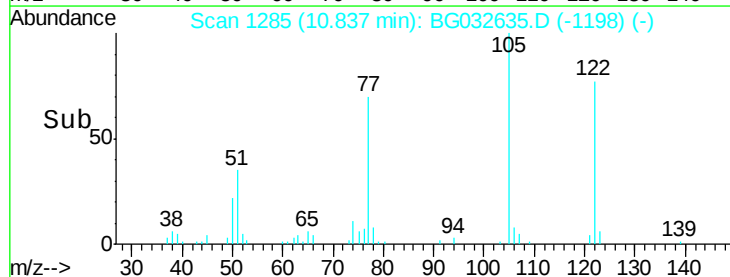
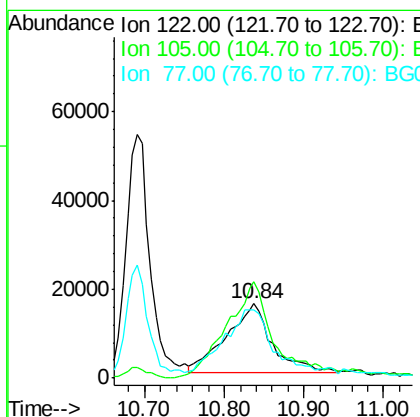
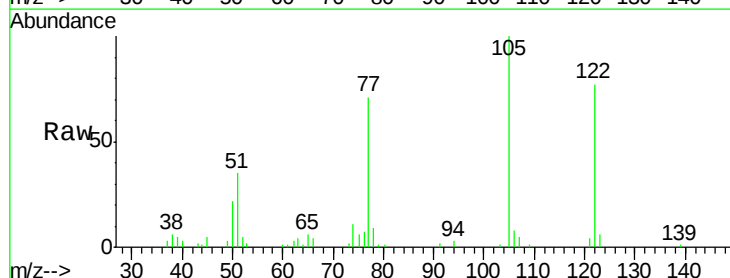
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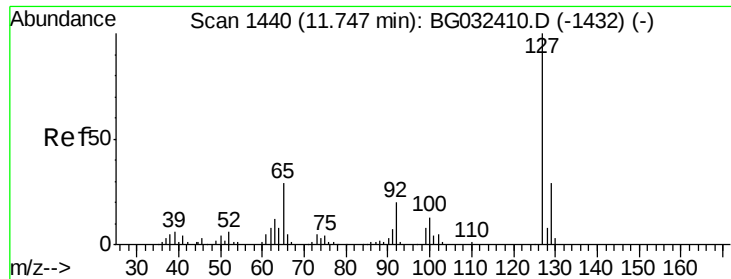
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#32
Benzoic acid
Concen: 41.134 ng m
RT: 10.84 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BG032635.D
Acq: 9 Feb 2018 17:42

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	129.1	123.5	163.5	
77	92.3	85.7	125.7	





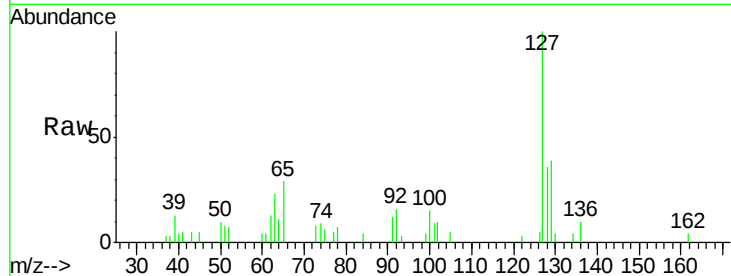
#33
 4-Chloroaniline
 Concen: 3.882 ng
 RT: 11.72 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BG032635.D
 Acq: 9 Feb 2018 17:42

Instrument :
 BNA_G
 ClientSampled :
 RO-154MSD

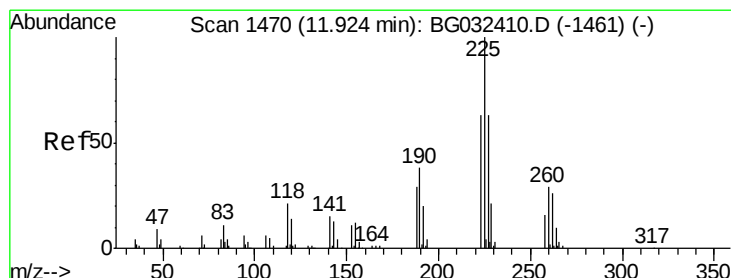
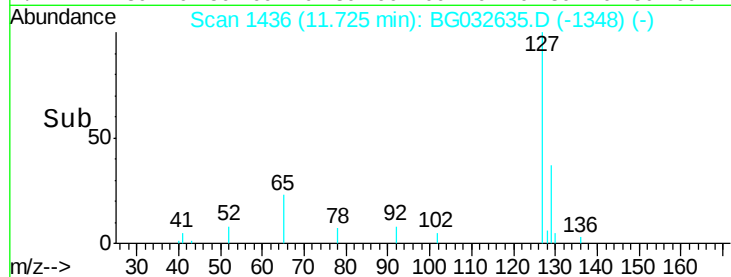
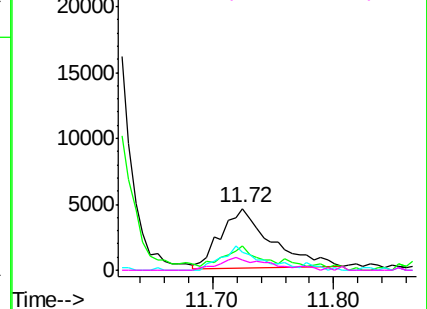
Tot Ion:	127	Resp:	13001
Ion Ratio	Lower	Upper	
127	100		
129	38.6	24.0	36.0#
65	28.8	27.0	40.4
92	16.0	16.6	25.0#

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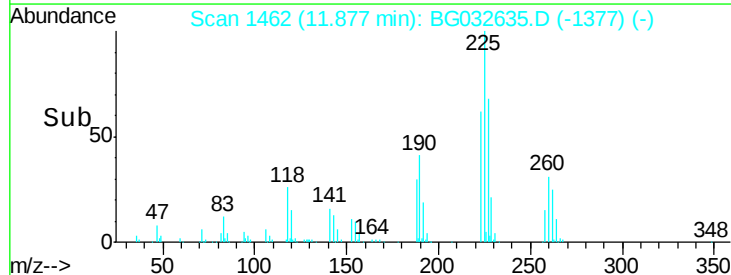
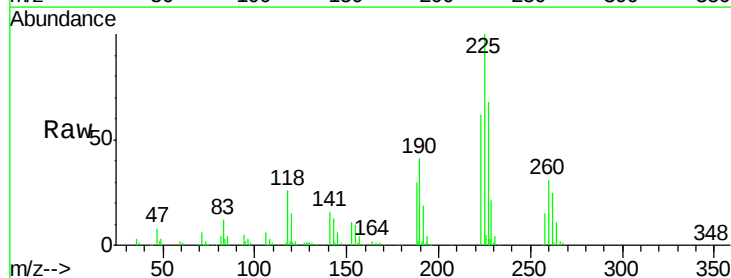
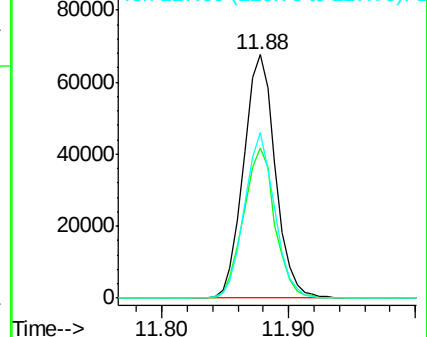
Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BG
 Ion 92.00 (91.70 to 92.70): BG

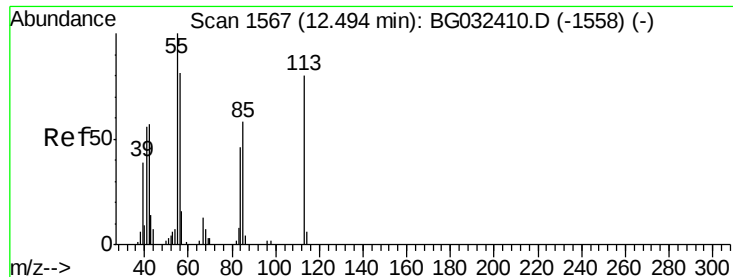


#34
 Hexachlorobutadiene
 Concen: 41.329 ng
 RT: 11.88 min Scan# 1462
 Delta R.T. -0.03 min
 Lab File: BG032635.D
 Acq: 9 Feb 2018 17:42

Tgt Ion:	225	Resp:	117233
Ion Ratio	Lower	Upper	
225	100		
223	61.8	49.7	74.5
227	68.0	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: 48.250 ng/mL

RT: 12.48 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

Instrument :

BNA_G

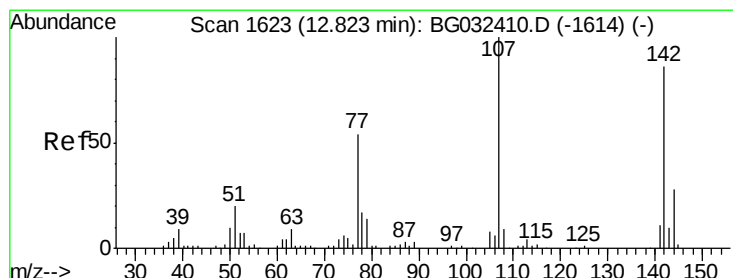
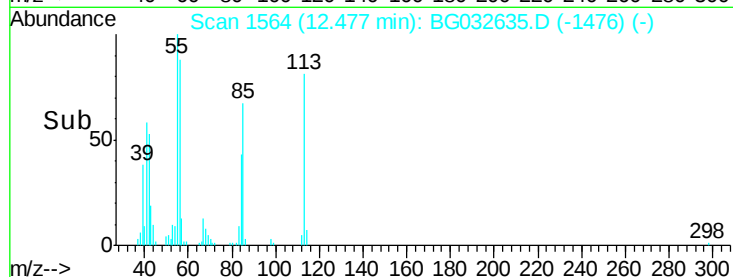
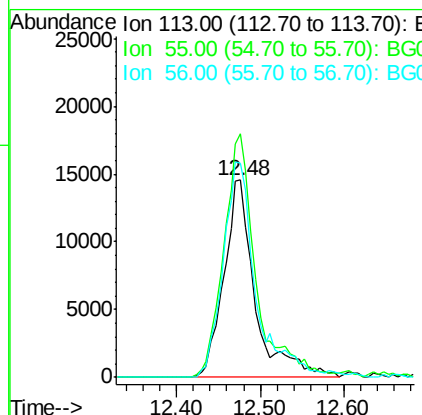
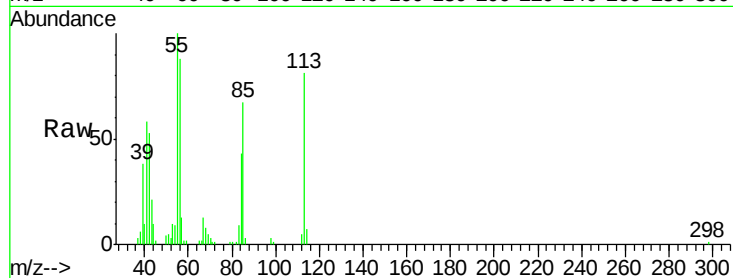
ClientSampleId :

RO-154MSD

Tot Ion:	113	Resp:	37890
Ion	Ratio	Lower	Upper
113	100		
55	123.3	186.9	226.9#
56	108.5	130.9	170.9#

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#36

4-Chloro-3-methylphenol

Concen: 61.577 ng/mL

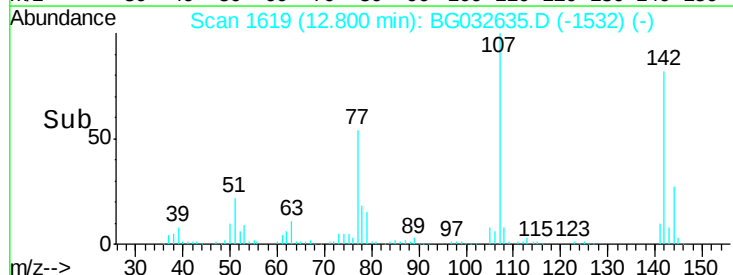
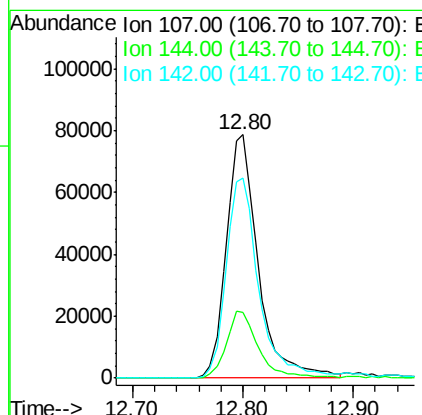
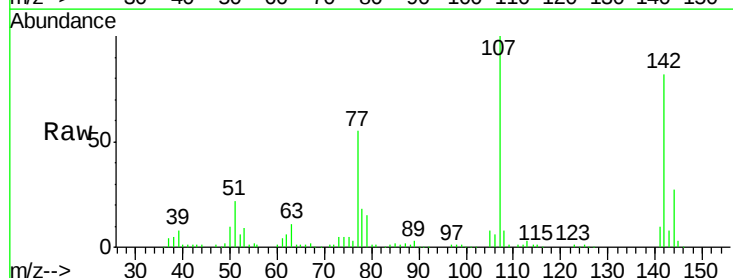
RT: 12.80 min Scan# 1619

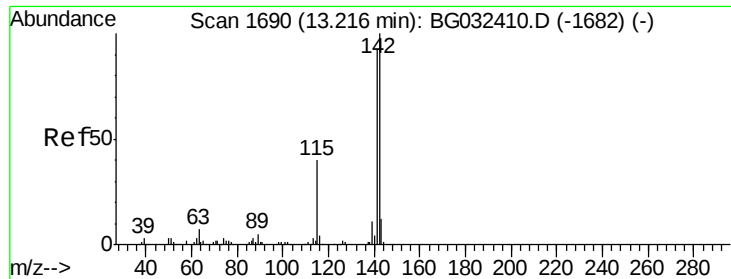
Delta R.T. -0.02 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

Tgt Ion:	107	Resp:	159775
Ion	Ratio	Lower	Upper
107	100		
144	27.2	18.2	27.4
142	82.2	59.0	88.4





#37

2-Methylnaphthalene

Concen: 51.322 ng

RT: 13.18 min Scan# 1683

Delta R.T. -0.03 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

Instrument :

BNA_G

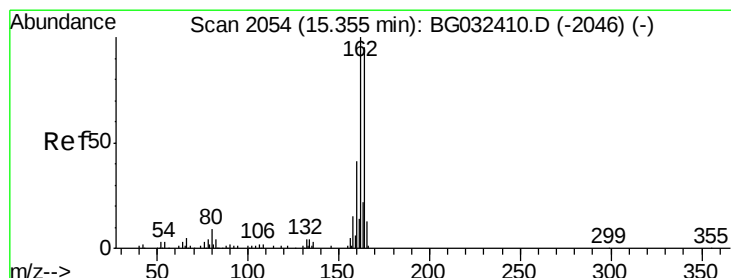
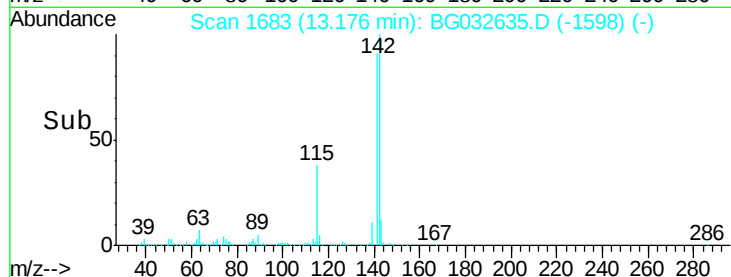
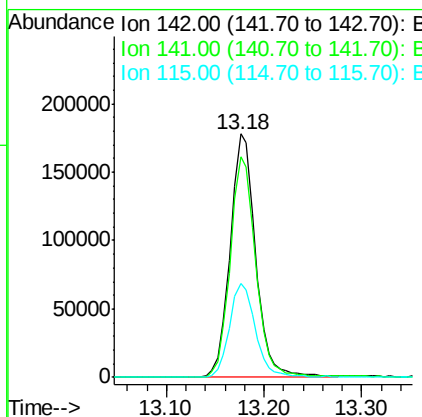
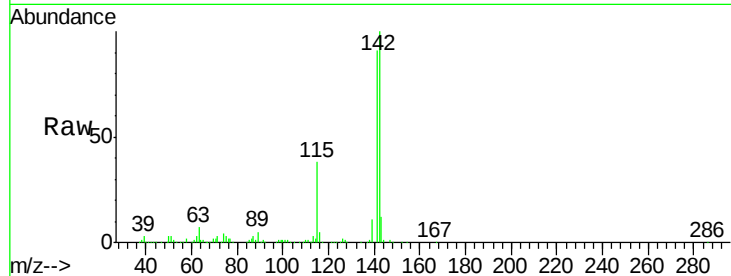
ClientSampleId :

RO-154MSD

Tot Ion:	142	Resp:	323724
Ion Ratio	Lower	Upper	
142	100		
141	90.5	67.1	100.7
115	38.5	30.7	46.1

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#38

Acenaphthene-d10

Concen: 20.000 ng

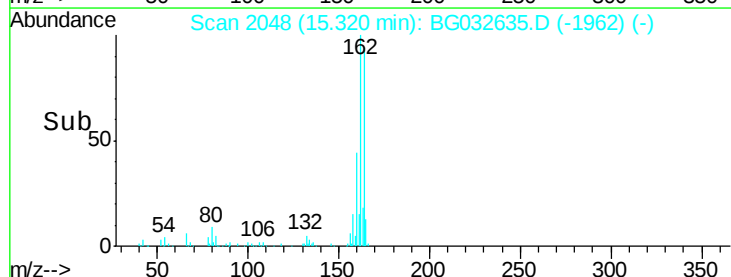
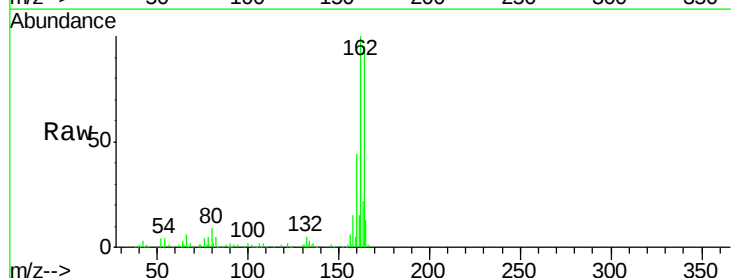
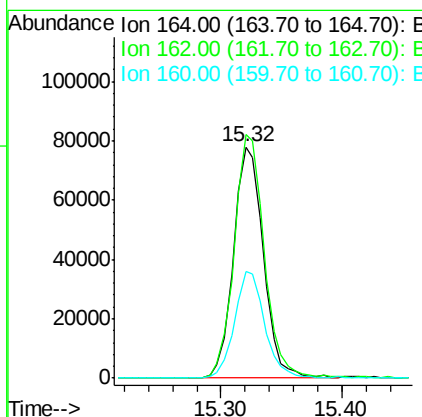
RT: 15.32 min Scan# 2048

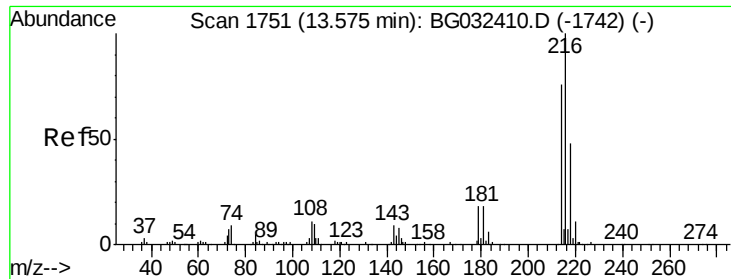
Delta R.T. -0.02 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

Tgt Ion:	164	Resp:	134793
Ion Ratio	Lower	Upper	
164	100		
162	105.4	78.8	118.2
160	46.3	35.4	53.0





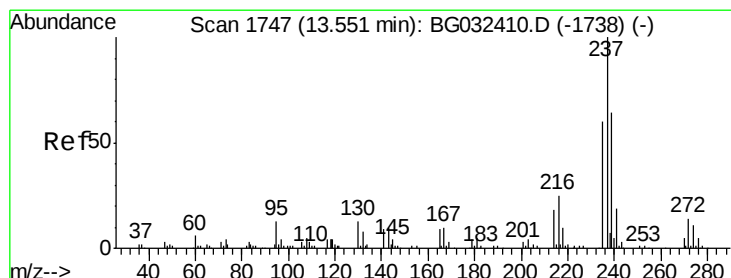
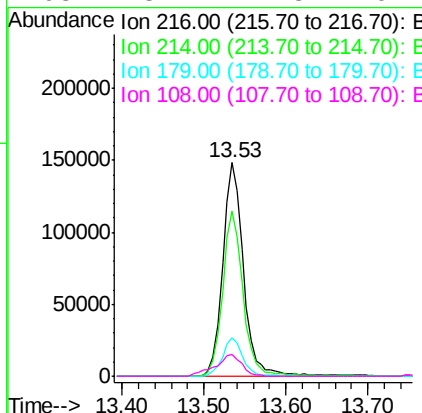
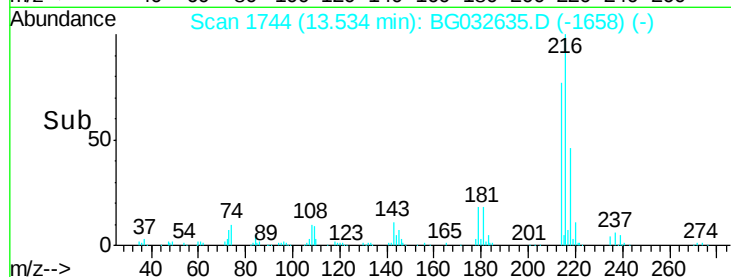
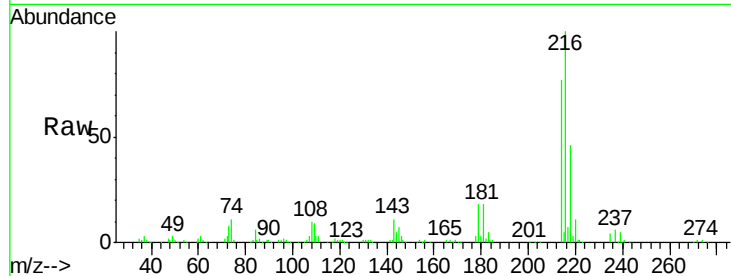
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.358 ng
 RT: 13.53 min Scan# 1744
 Delta R.T. -0.02 min
 Lab File: BG032635.D
 Acq: 9 Feb 2018 17:42

Instrument :
 BNA_G
 ClientSampleId :
 RO-154MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		260803		
214	76.1		63.0	94.4	
179	17.6		17.0	25.6	
108	13.1		12.8	19.2	

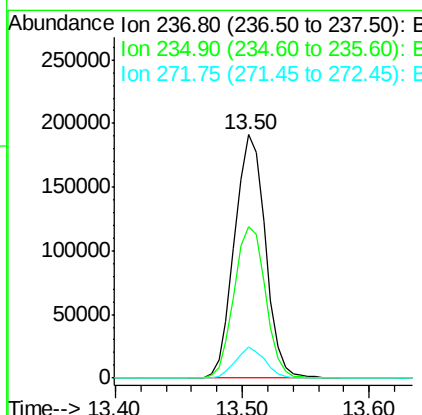
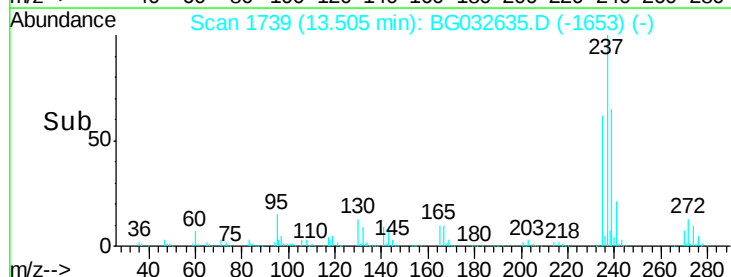
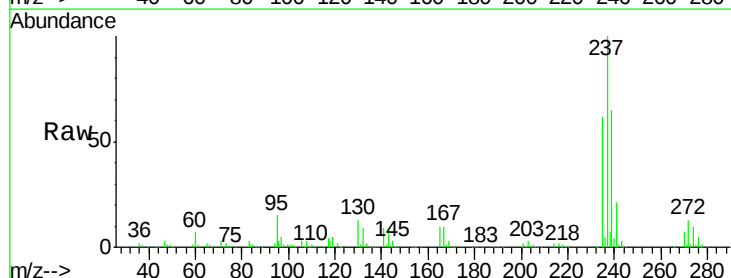
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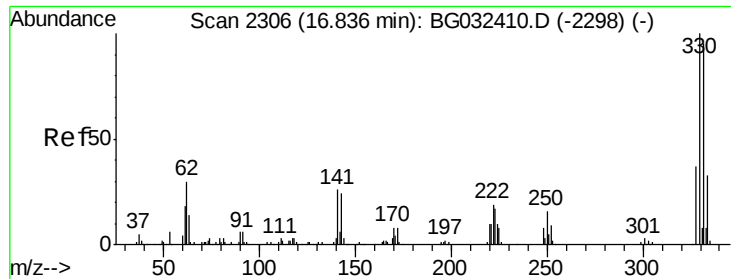
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#40
 Hexachlorocyclopentadiene
 Concen: 81.928 ng
 RT: 13.50 min Scan# 1739
 Delta R.T. -0.02 min
 Lab File: BG032635.D
 Acq: 9 Feb 2018 17:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		322799		
235	62.3		50.4	90.4	
272	13.0		0.0	31.8	





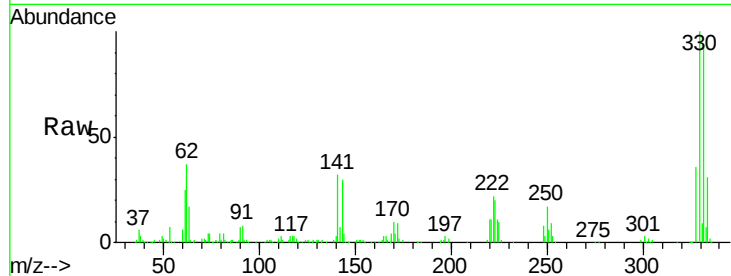
#41
 2,4,6-Tribromophenol
 Concen: 125.785 ng
 RT: 16.81 min Scan# 2301
 Delta R.T. -0.01 min
 Lab File: BG032635.D
 Acq: 9 Feb 2018 17:42

Instrument :
 BNA_G
 ClientSampled :
 RO-154MSD

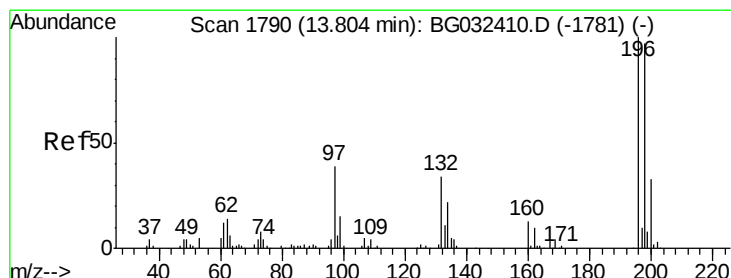
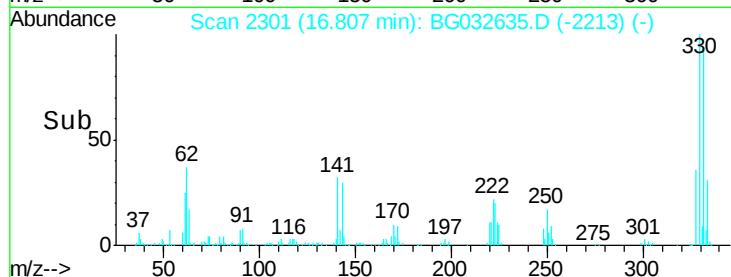
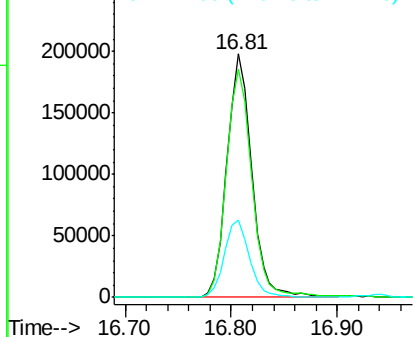
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.8	77.0	115.6	
141	32.4	25.2	37.8	

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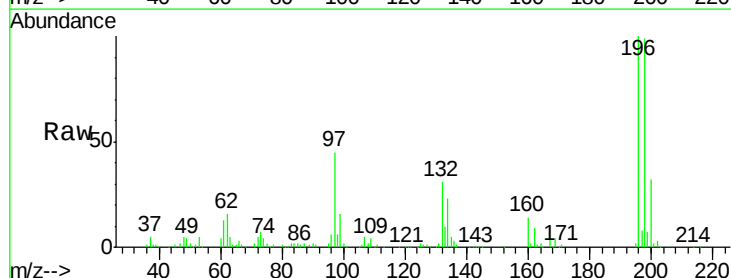


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

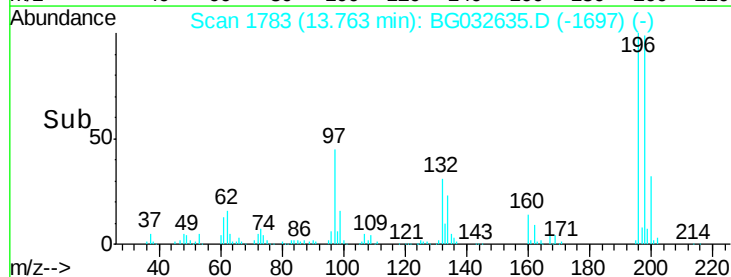
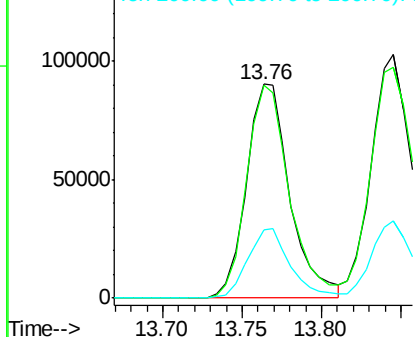


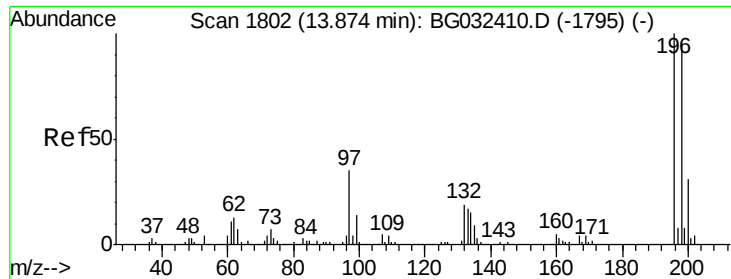
#42
 2,4,6-Trichlorophenol
 Concen: 49.984 ng
 RT: 13.76 min Scan# 1783
 Delta R.T. -0.02 min
 Lab File: BG032635.D
 Acq: 9 Feb 2018 17:42

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	99.5	78.2	117.2	
200	32.1	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





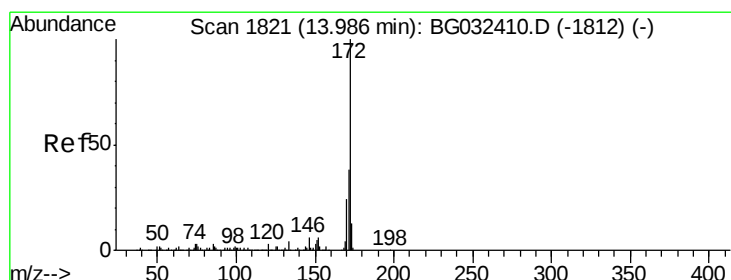
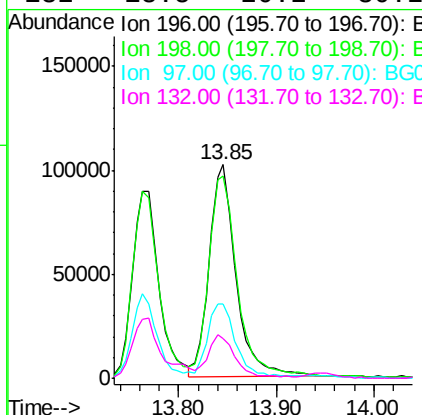
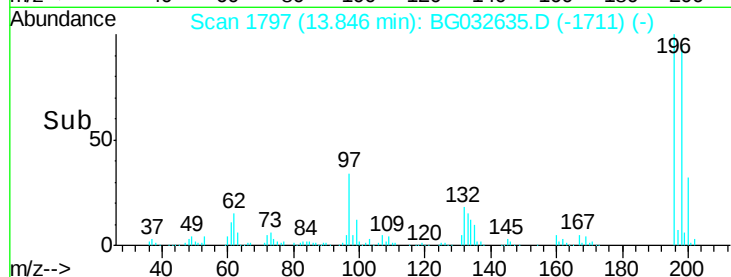
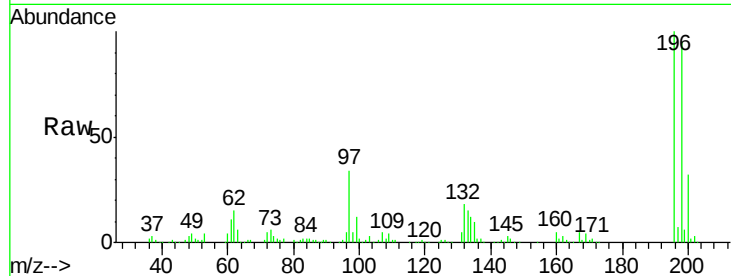
#43
 2,4,5-Trichlorophenol
 Concen: 49.121 ng
 RT: 13.85 min Scan# 1797
 Delta R.T. -0.02 min
 Lab File: BG032635.D
 Acq: 9 Feb 2018 17:42

Instrument :
 BNA_G
 ClientSampleId :
 RO-154MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	196413		
198	94.6	76.2	114.4	
97	34.5	38.7	58.1	#
132	18.5	20.2	30.2	#

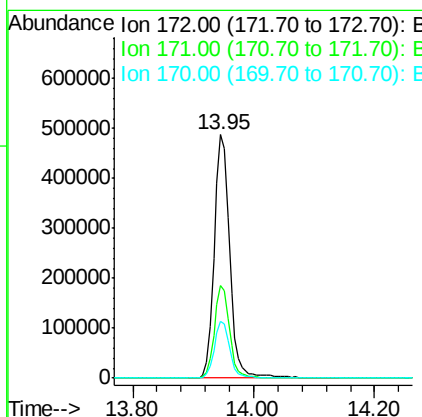
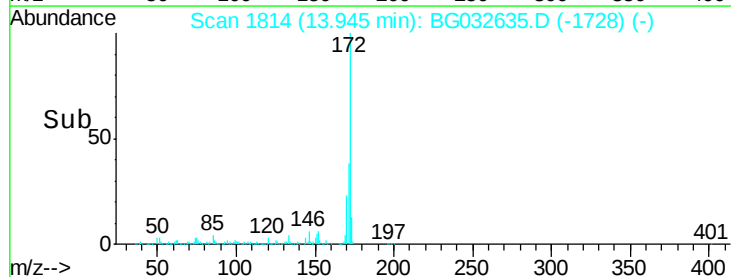
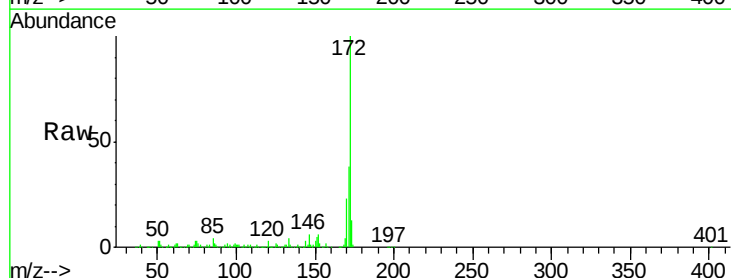
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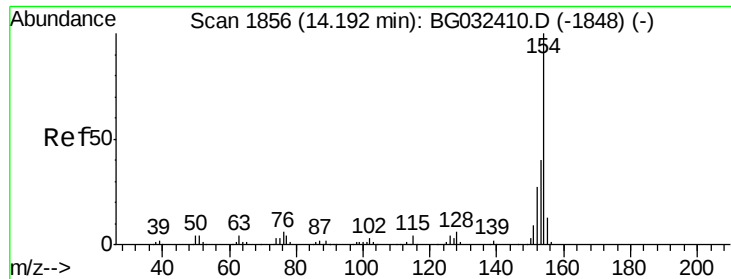
Sohil
 2/13/2018 11:29:48 AM



#44
 2-Fluorobiphenyl
 Concen: 76.069 ng
 RT: 13.95 min Scan# 1814
 Delta R.T. -0.02 min
 Lab File: BG032635.D
 Acq: 9 Feb 2018 17:42

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	862684		
171	38.1	30.0	45.0	
170	23.5	19.5	29.3	





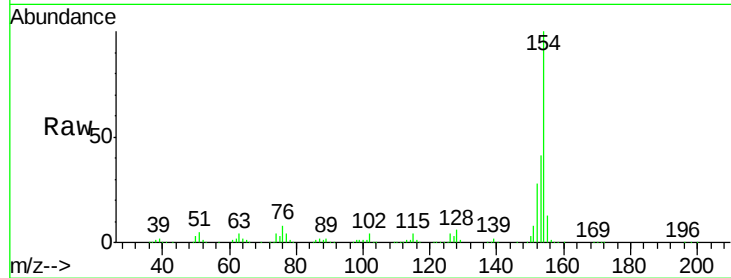
#45
 1,1'-Biphenyl
 Concen: 43.696 ng
 RT: 14.16 min Scan# 1850
 Delta R.T. -0.02 min
 Lab File: BG032635.D
 Acq: 9 Feb 2018 17:42

Instrument :
 BNA_G
 ClientSampleId :
 RO-154MSD

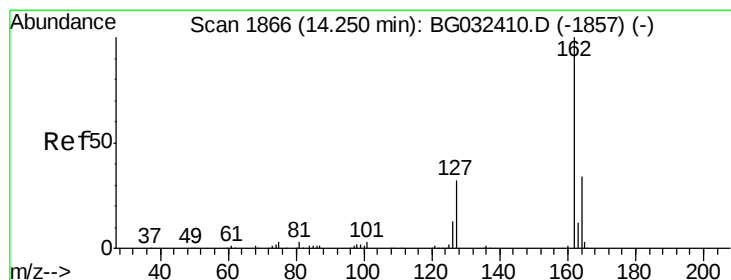
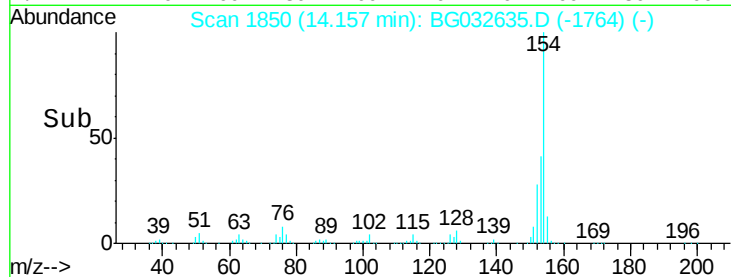
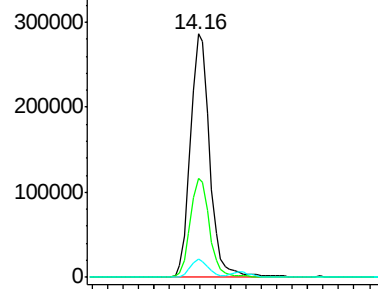
Tot Ion:	154	Resp:	497615
Ion Ratio	Lower	Upper	
154	100		
153	40.6	19.8	59.8
76	7.8	0.0	31.9

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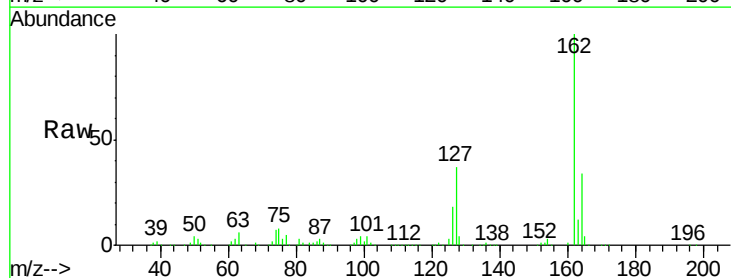


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

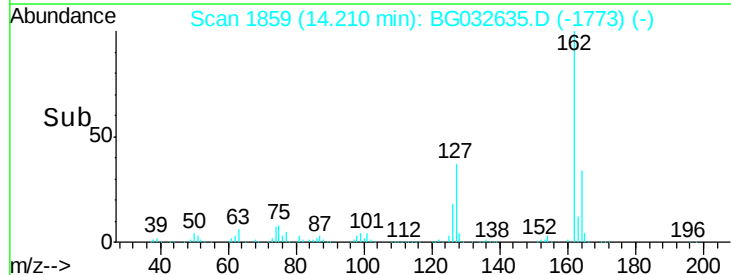
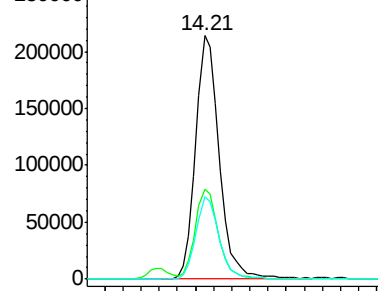


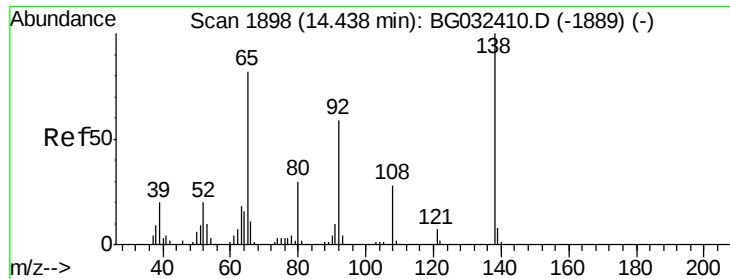
#46
 2-Chloronaphthalene
 Concen: 43.453 ng
 RT: 14.21 min Scan# 1859
 Delta R.T. -0.02 min
 Lab File: BG032635.D
 Acq: 9 Feb 2018 17:42

Tgt Ion:	162	Resp:	387852
Ion Ratio	Lower	Upper	
162	100		
127	36.7	30.7	46.1
164	33.7	26.0	39.0



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





#47

2-Nitroaniline

Concen: 51.951 ng

RT: 14.41 min Scan# 1893

Delta R.T. -0.02 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

Instrument :

BNA_G

ClientSampleId :

RO-154MSD

Tot Ion: 65 Resp: 102543
Ion Ratio Lower Upper

65 100

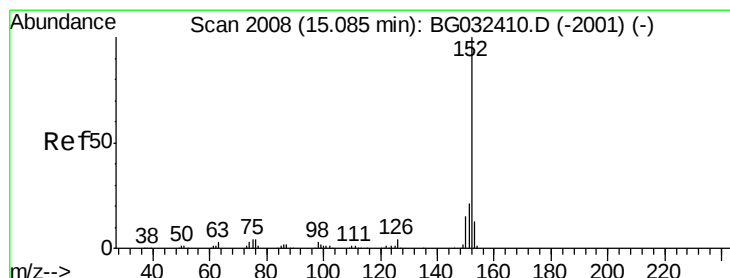
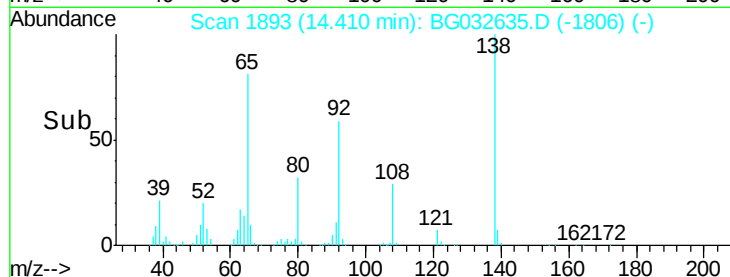
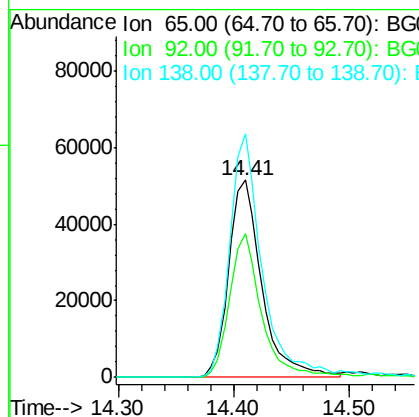
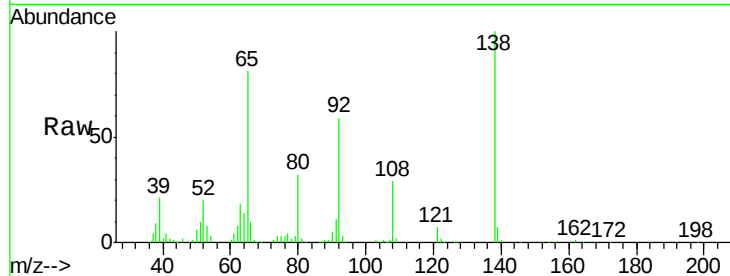
92 72.7 54.6 82.0

138 123.6 72.9 109.3#

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#48

Acenaphthylene

Concen: 45.214 ng

RT: 15.05 min Scan# 2002

Delta R.T. -0.02 min

Lab File: BG032635.D

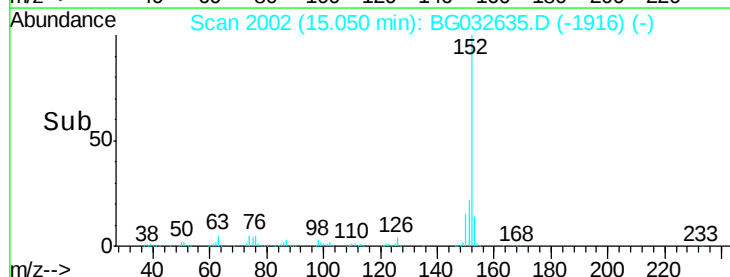
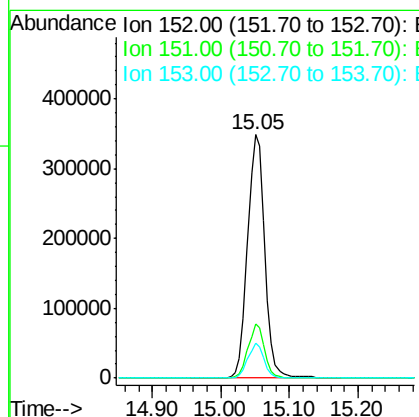
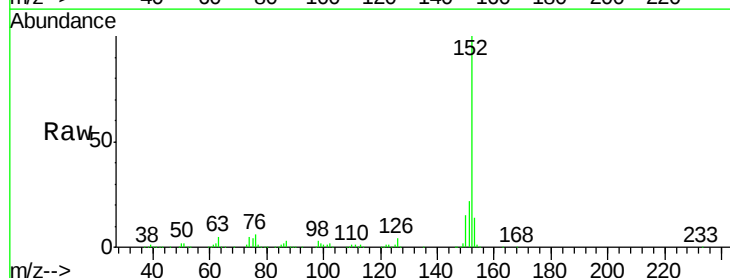
Acq: 9 Feb 2018 17:42

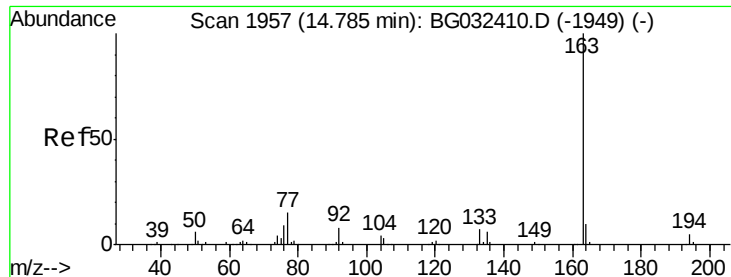
Tgt Ion: 152 Resp: 610095
Ion Ratio Lower Upper

152 100

151 22.1 17.2 25.8

153 14.5 10.2 15.4





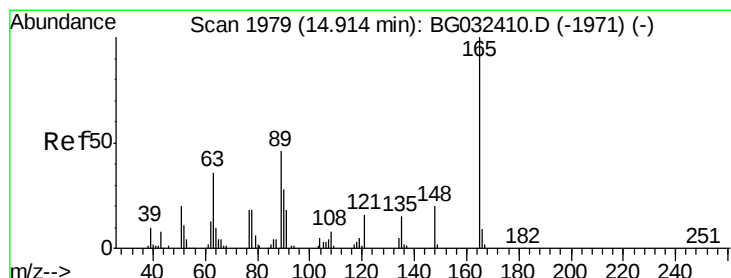
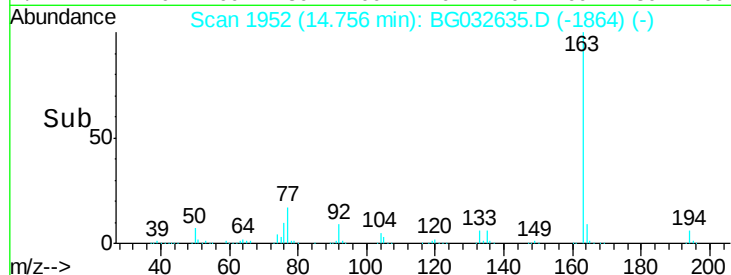
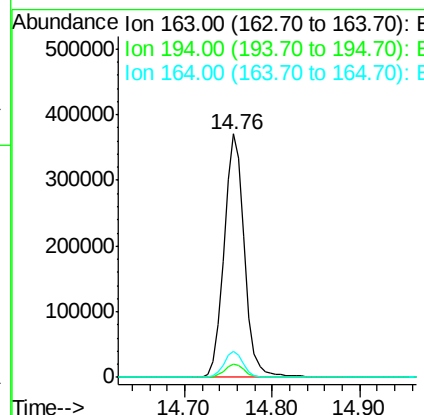
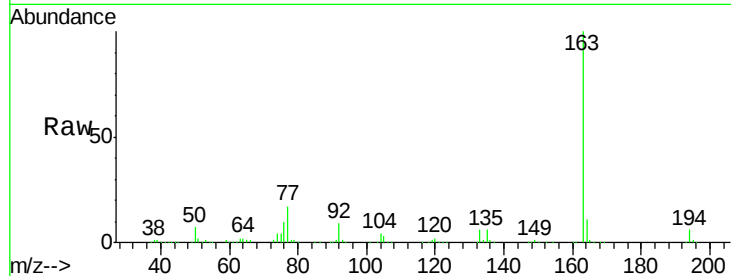
#49
Dimethylphthalate
Concen: 48.079 ng
RT: 14.76 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BG032635.D
Acq: 9 Feb 2018 17:42

Instrument :
BNA_G
ClientSampled :
RO-154MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	597553		
194	5.5	3.4	5.2#	
164	10.7	8.2	12.4	

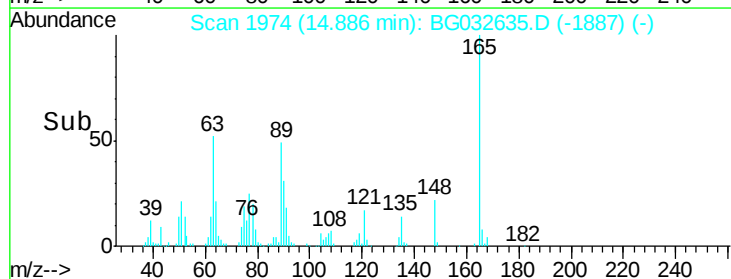
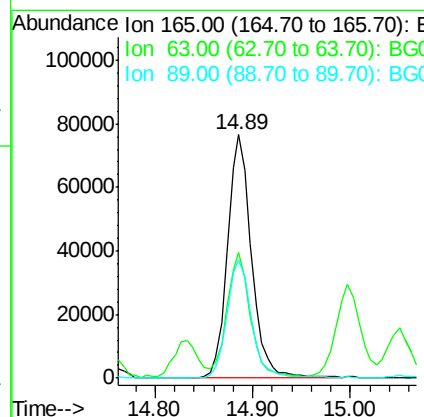
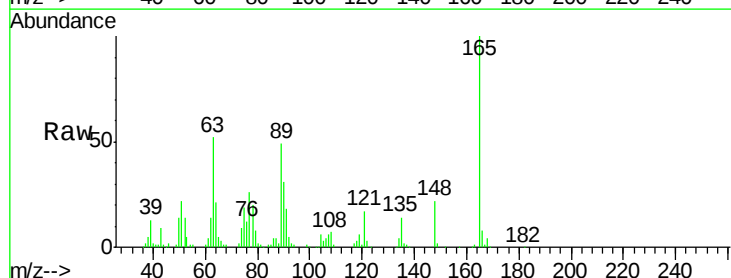
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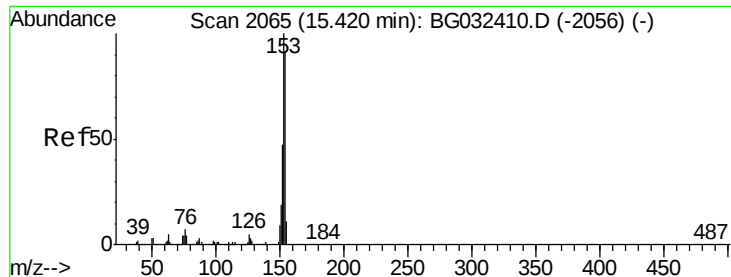
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#50
2,6-Dinitrotoluene
Concen: 50.056 ng
RT: 14.89 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BG032635.D
Acq: 9 Feb 2018 17:42

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	130576		
63	52.0	52.7	79.1#	
89	48.7	49.2	73.8#	





#51

Acenaphthene

Concen: 42.883 ng

RT: 15.39 min Scan# 2059

Delta R.T. -0.02 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

Instrument :

BNA_G

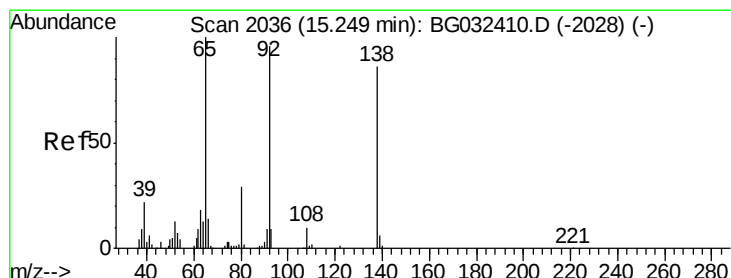
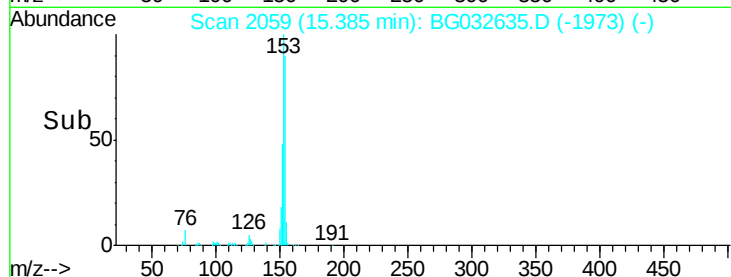
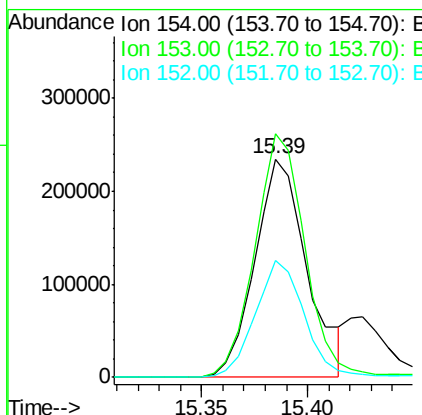
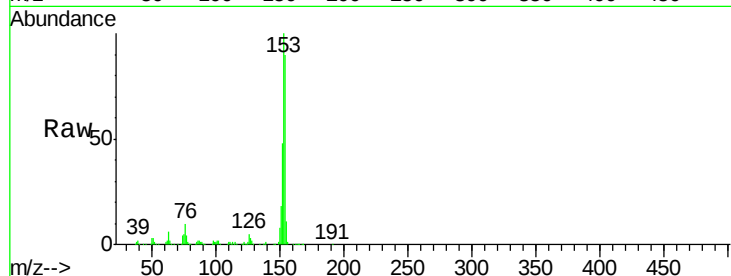
ClientSampleId :

RO-154MSD

Tot Ion:	154	Resp:	401299
Ion Ratio	Lower	Upper	
154	100		
153	111.4	90.4	135.6
152	53.4	41.6	62.4

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#52

3-Nitroaniline

Concen: 5.973 ng

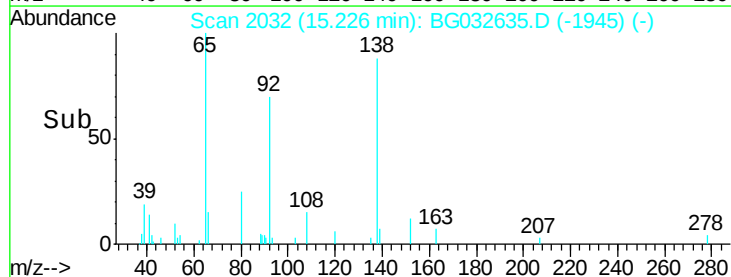
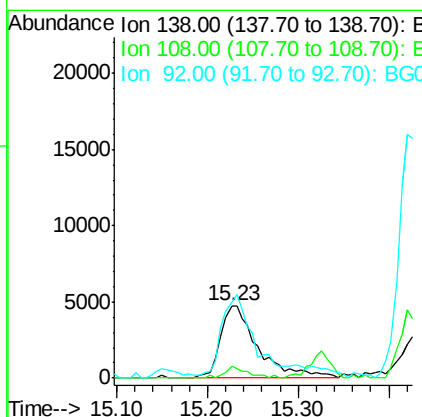
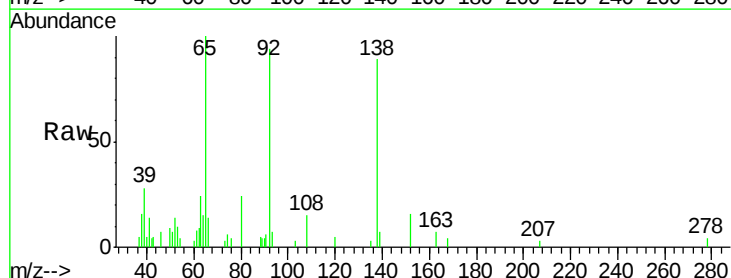
RT: 15.23 min Scan# 2032

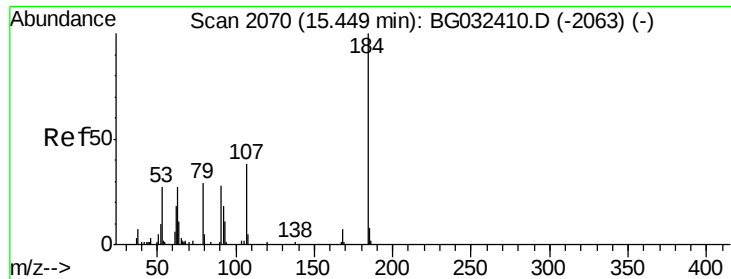
Delta R.T. -0.02 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

Tgt Ion:	138	Resp:	13609
Ion Ratio	Lower	Upper	
138	100		
108	16.4	17.5	26.3#
92	105.9	105.8	158.8





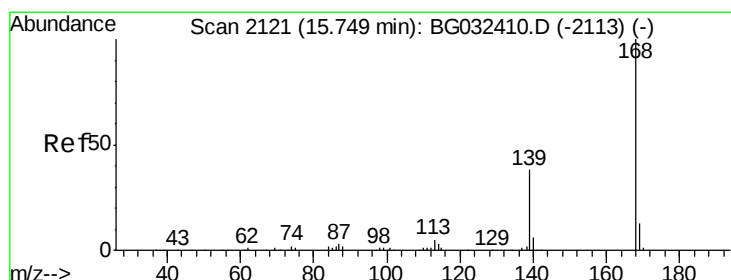
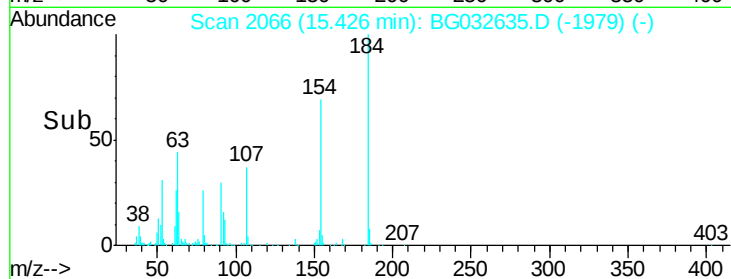
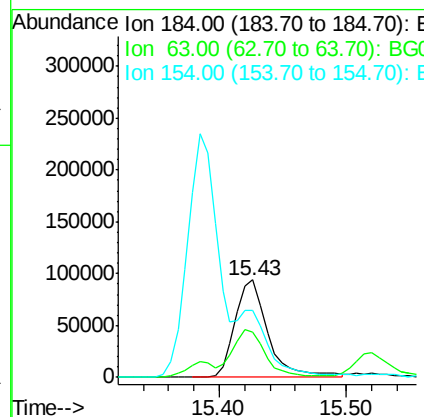
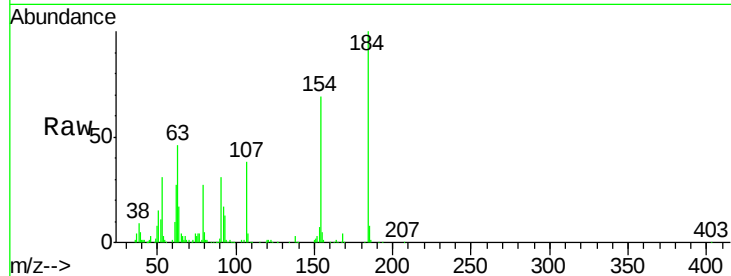
#53
 2,4-Dinitrophenol
 Concen: 102.571 ng
 RT: 15.43 min Scan# 2066
 Delta R.T. -0.02 min
 Lab File: BG032635.D
 Acq: 9 Feb 2018 17:42

Instrument :
 BNA_G
 ClientSampleId :
 RO-154MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	46.5	59.8	89.8#
154	68.8	101.8	152.8#

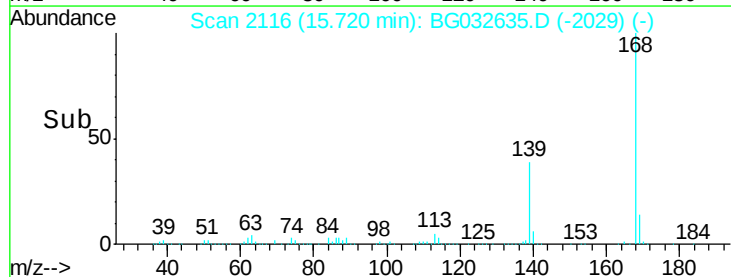
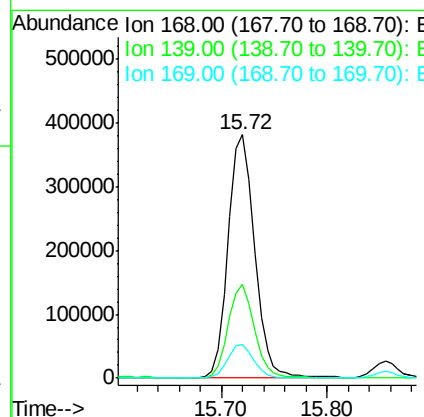
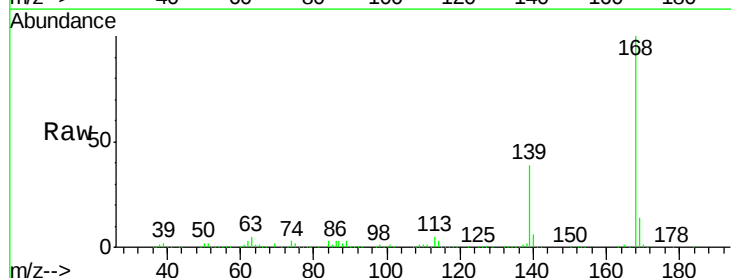
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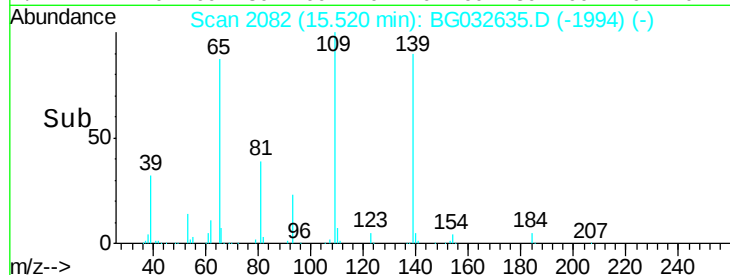
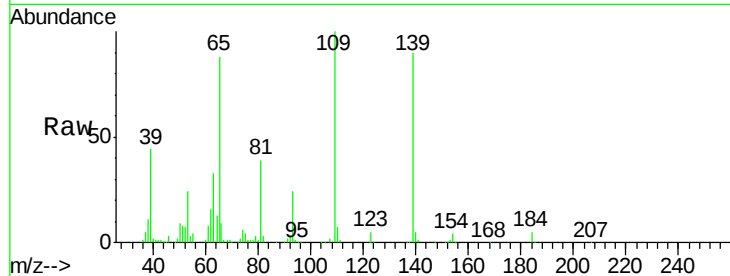
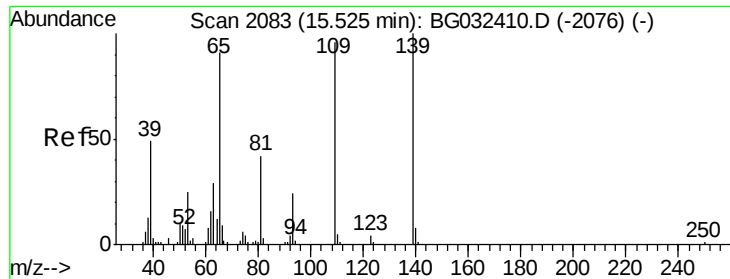
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#54
 Dibenzofuran
 Concen: 48.248 ng
 RT: 15.72 min Scan# 2116
 Delta R.T. -0.02 min
 Lab File: BG032635.D
 Acq: 9 Feb 2018 17:42

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.8	28.6	43.0
169	14.1	11.2	16.8





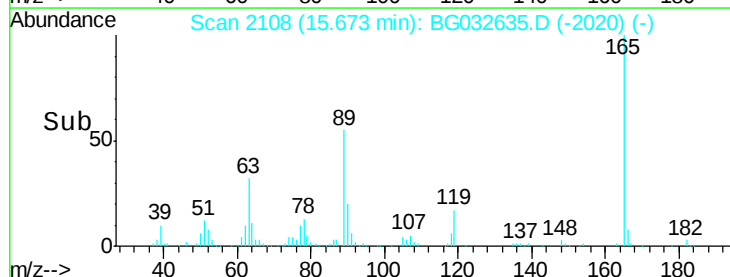
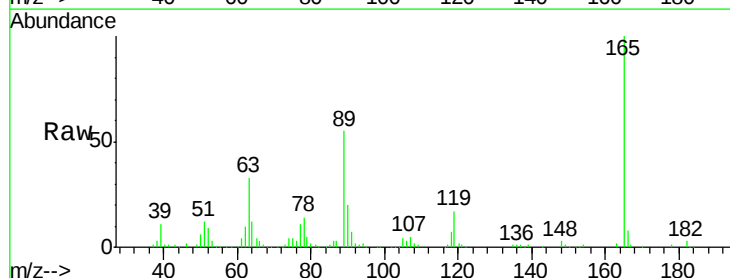
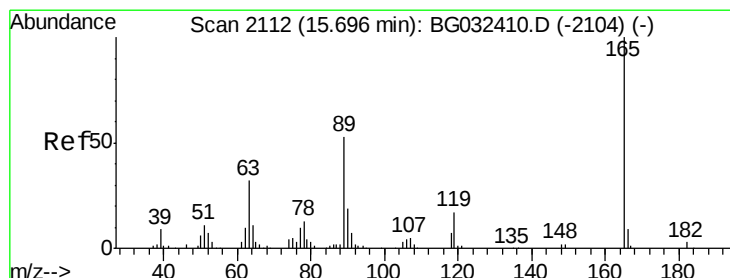
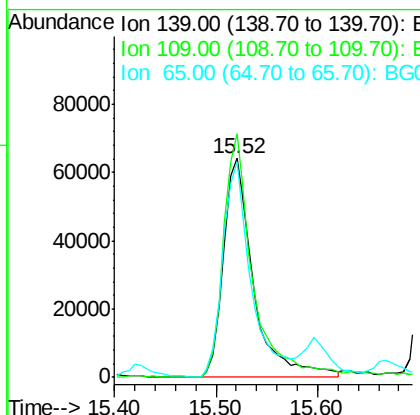
#55
4-Nitrophenol
Concen: 77.616 ng
RT: 15.52 min Scan# 2082
Delta R.T. -0.01 min
Lab File: BG032635.D
Acq: 9 Feb 2018 17:42

Instrument :
BNA_G
ClientSampleId :
RO-154MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	111.3	62.2	102.2#	
65	98.4	97.2	137.2	

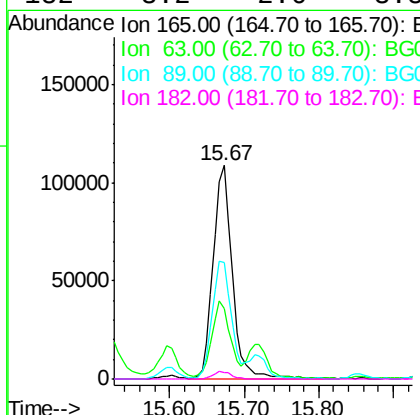
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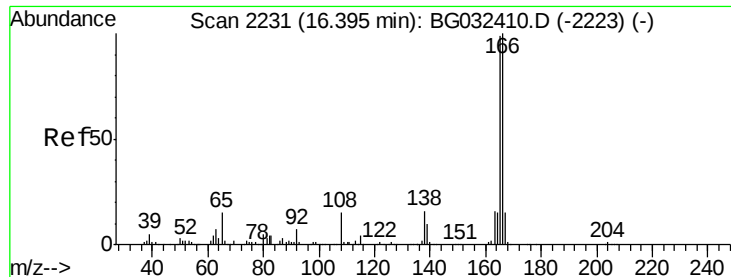
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#56
2,4-Dinitrotoluene
Concen: 51.769 ng
RT: 15.67 min Scan# 2108
Delta R.T. -0.01 min
Lab File: BG032635.D
Acq: 9 Feb 2018 17:42

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	32.7	42.0	63.0#	
89	54.8	66.9	100.3#	
182	3.2	2.6	3.8	





#57

Fluorene

Concen: 47.688 ng

RT: 16.37 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

Instrument :

BNA_G

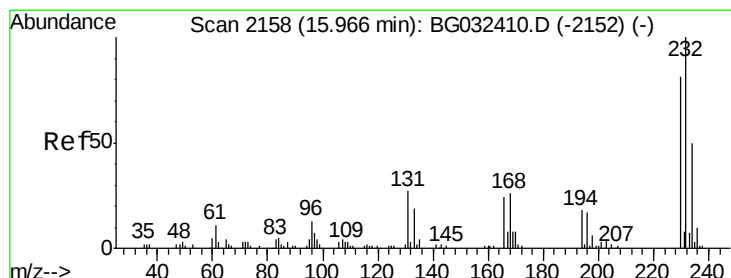
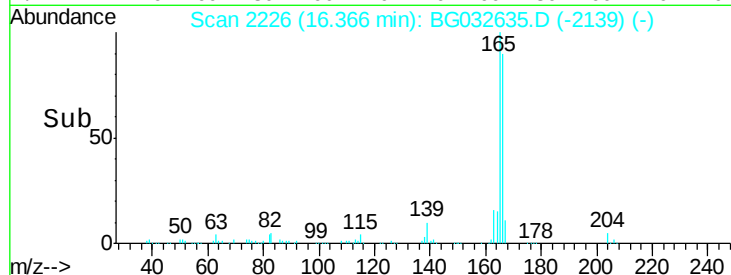
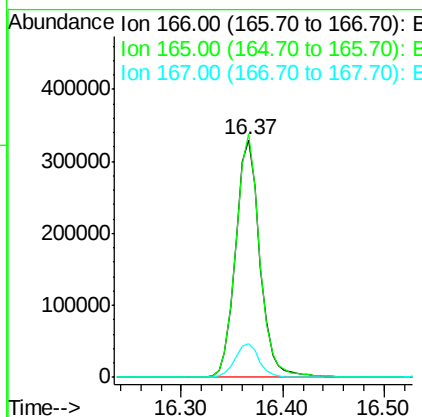
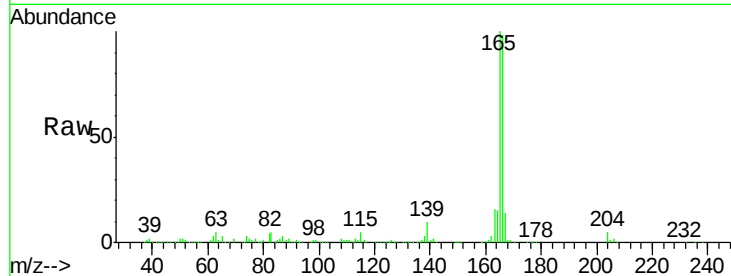
ClientSampleId :

RO-154MSD

Tot Ion:	166	Resp:	548876
Ion Ratio		Lower	Upper
166	100		
165	102.5	80.6	121.0
167	13.9	10.4	15.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 55.080 ng

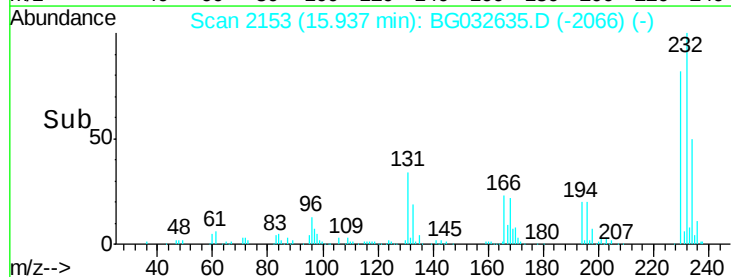
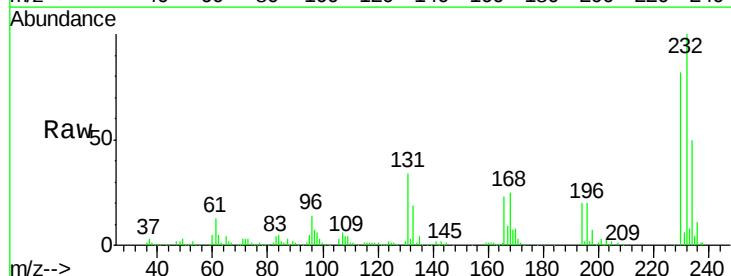
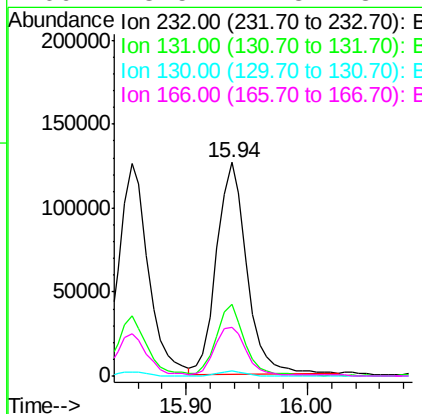
RT: 15.94 min Scan# 2153

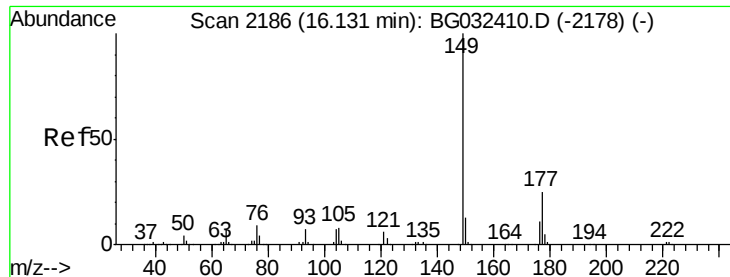
Delta R.T. -0.02 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

Tgt Ion:	232	Resp:	217218
Ion Ratio		Lower	Upper
232	100		
131	31.7	33.5	50.3#
130	2.1	2.2	3.2#
166	23.5	24.8	37.2#





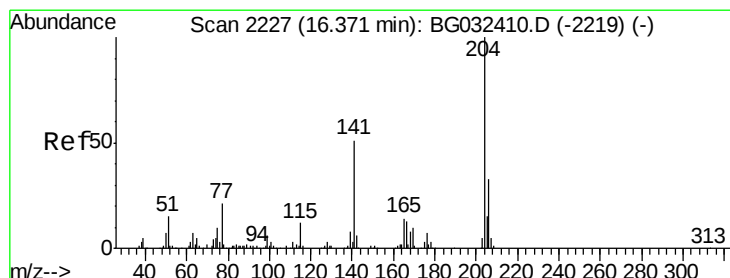
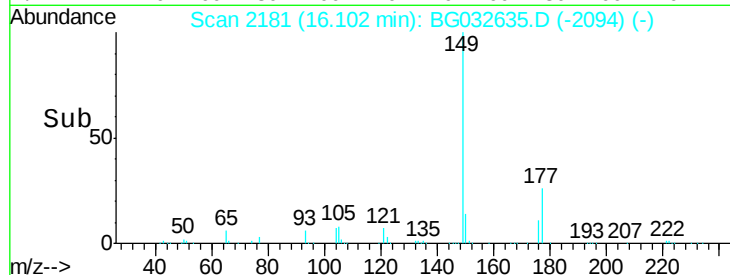
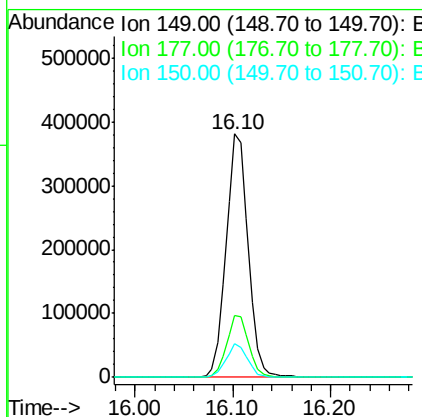
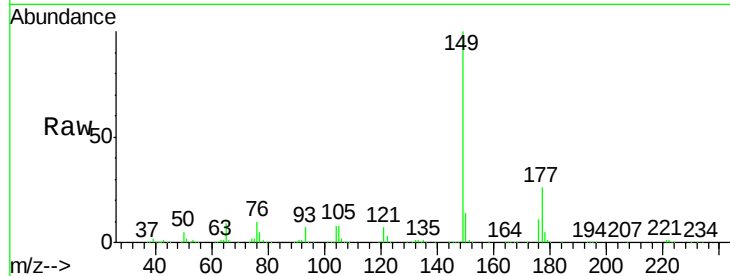
#59
Diethylphthalate
Concen: 49.259 ng
RT: 16.10 min Scan# 2181
Delta R.T. -0.02 min
Lab File: BG032635.D
Acq: 9 Feb 2018 17:42

Instrument :
BNA_G
ClientSampleId :
RO-154MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	596266		
177	25.5		18.5	27.7
150	13.8		10.2	15.2

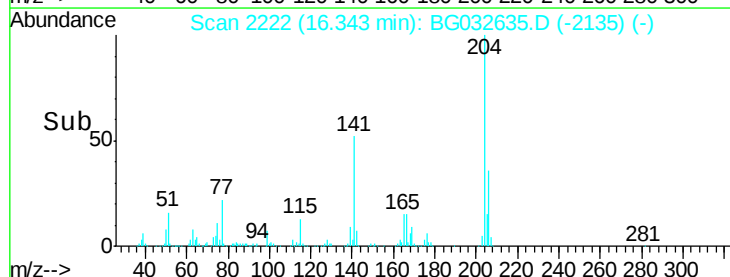
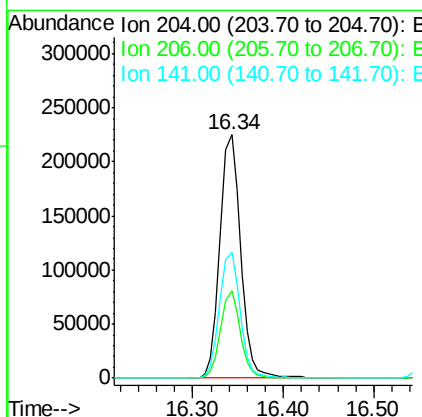
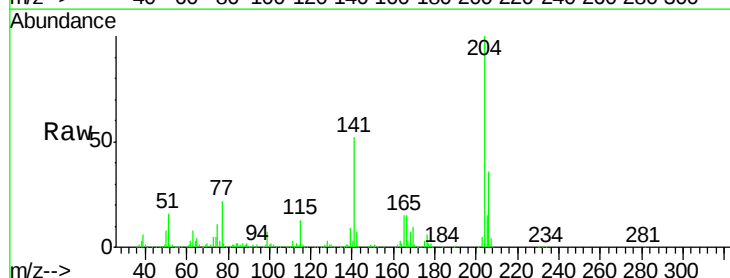
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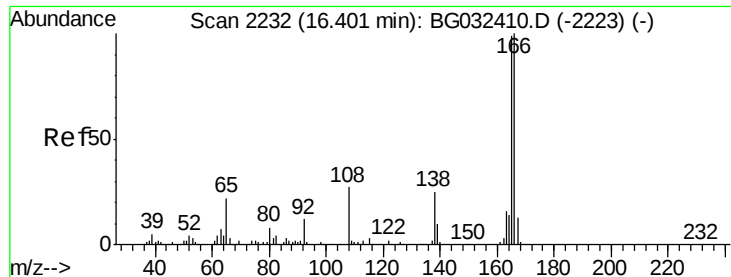
Sohil
2/13/2018 11:29:48 AM



#60
4-Chlorophenyl-phenylether
Concen: 49.384 ng
RT: 16.34 min Scan# 2222
Delta R.T. -0.02 min
Lab File: BG032635.D
Acq: 9 Feb 2018 17:42

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	358421		
206	35.8		26.2	39.2
141	51.7		45.8	68.6





#61

4-Nitroaniline

Concen: 32.789 ng

RT: 16.38 min Scan# 2229

Delta R.T. -0.02 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

Instrument :

BNA_G

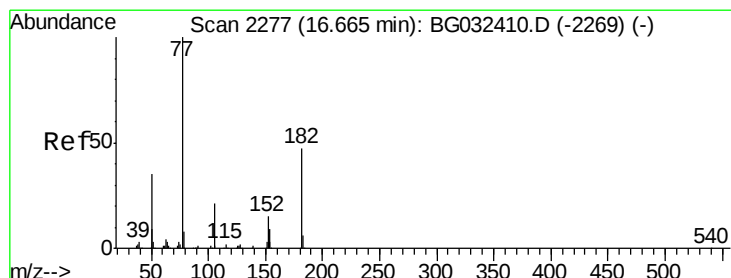
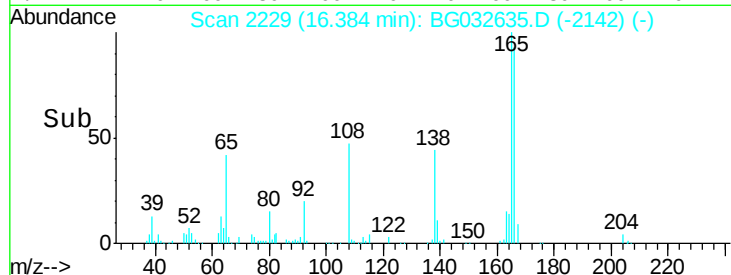
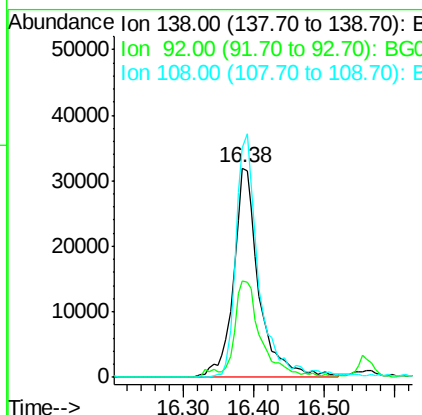
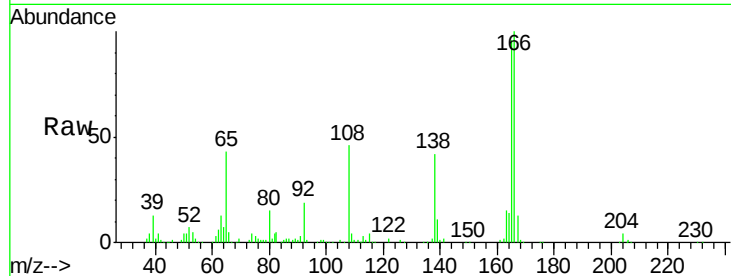
ClientSampled :

RO-154MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	45.8	40.1	80.1
108	109.4	65.4	105.4

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#62

Azobenzene

Concen: 54.549 ng

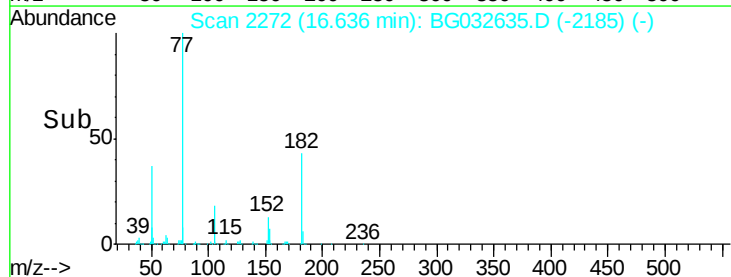
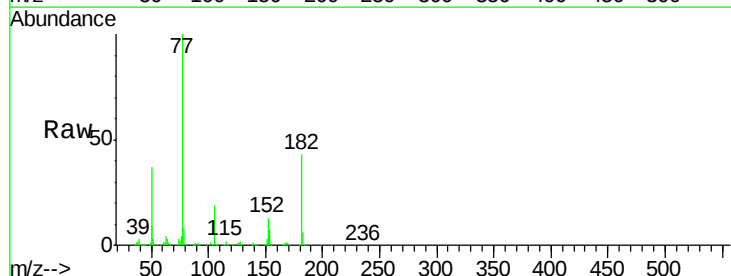
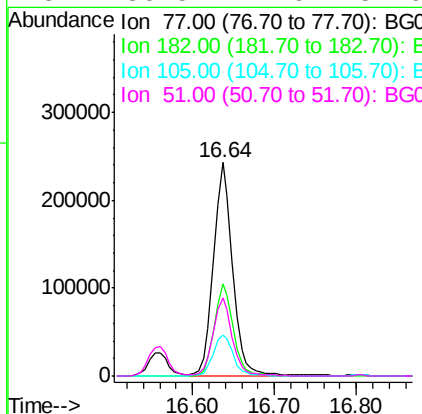
RT: 16.64 min Scan# 2272

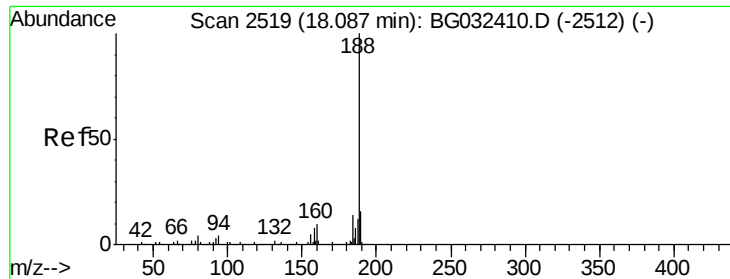
Delta R.T. -0.02 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

Tgt Ion	Ratio	Lower	Upper
77	100		
182	42.9	7.4	47.4
105	19.4	0.3	40.3
51	36.5	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.06 min Scan# 2515

Delta R.T. -0.01 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

Instrument :

BNA_G

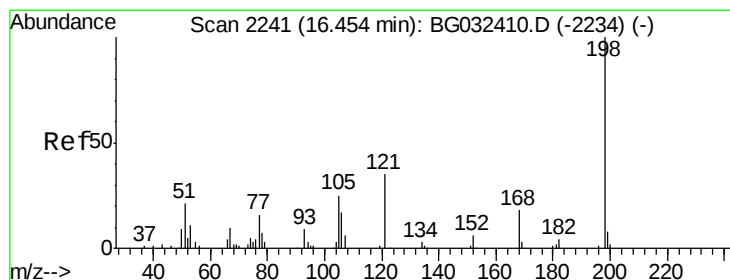
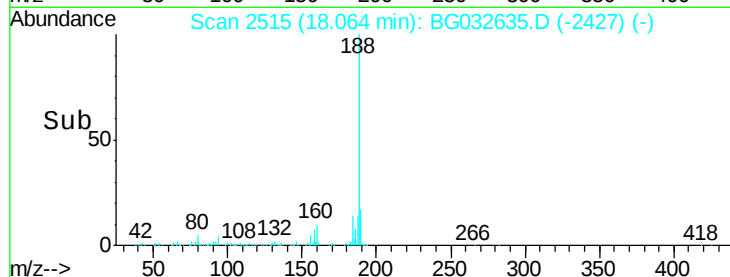
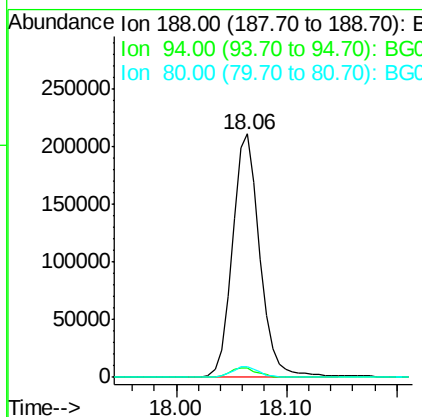
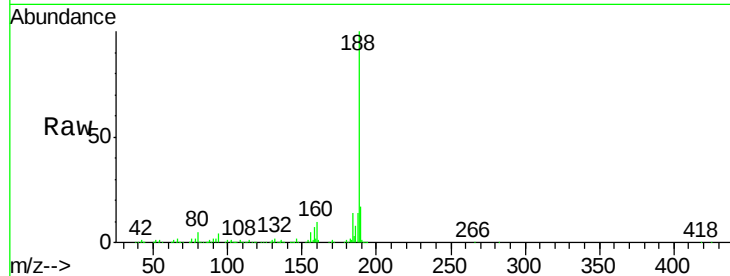
ClientSampleId :

RO-154MSD

Tot Ion:	188	Resp:	366170
Ion Ratio	Lower	Upper	
188	100		
94	4.1	6.9	10.3#
80	4.5	7.7	11.5#

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#64

4,6-Dinitro-2-methylphenol

Concen: 46.236 ng

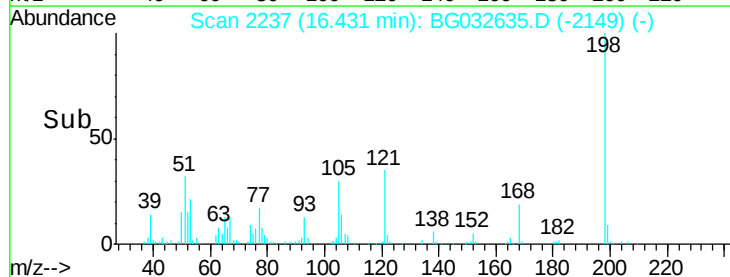
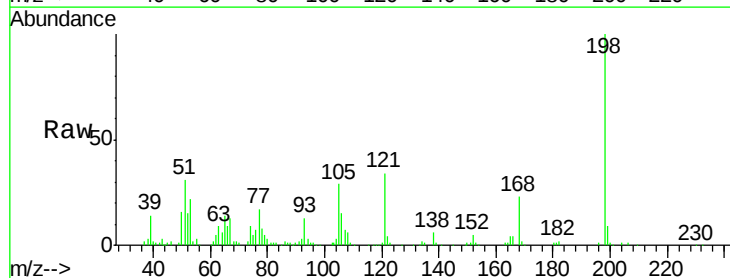
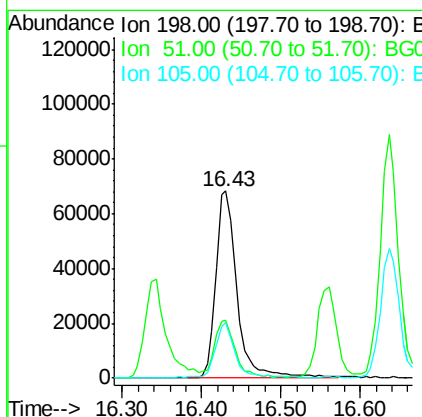
RT: 16.43 min Scan# 2237

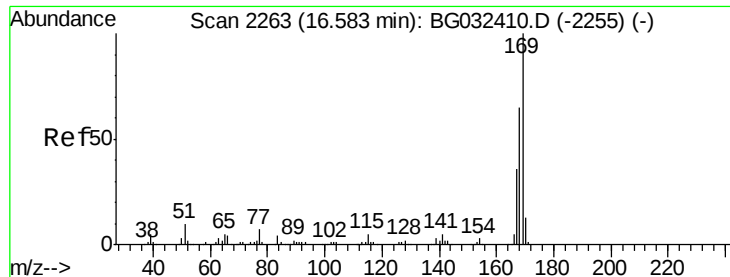
Delta R.T. -0.01 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

Tgt Ion:	198	Resp:	126481
Ion Ratio	Lower	Upper	
198	100		
51	31.3	30.6	70.6
105	29.3	23.8	63.8





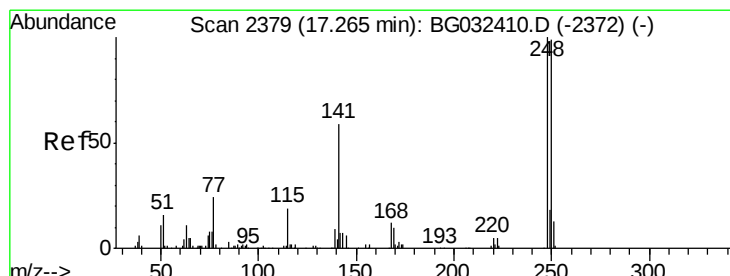
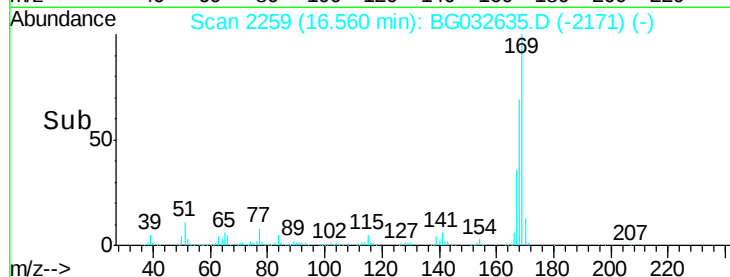
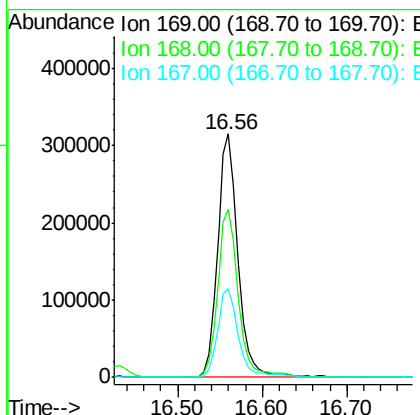
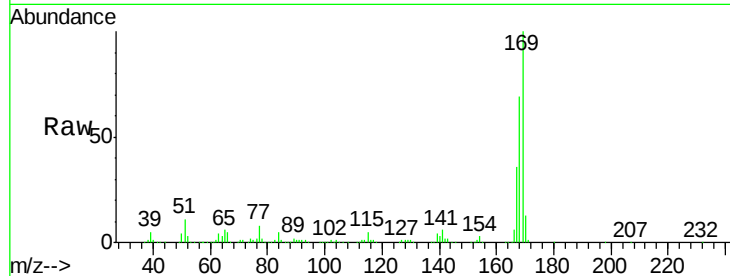
#65
 n-Nitrosodiphenylamine
 Concen: 48.432 ng
 RT: 16.56 min Scan# 2259
 Delta R.T. -0.01 min
 Lab File: BG032635.D
 Acq: 9 Feb 2018 17:42

Instrument :
 BNA_G
 ClientSampleId :
 RO-154MSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	69.3	55.7	83.5
167	36.2	30.1	45.1

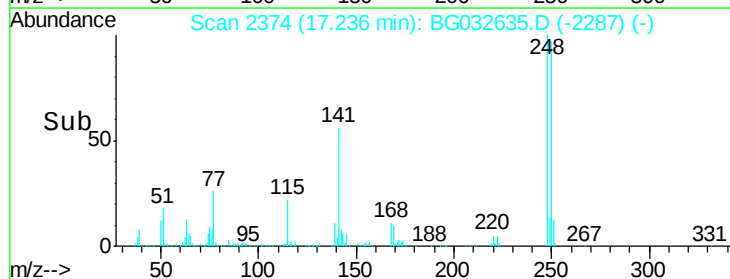
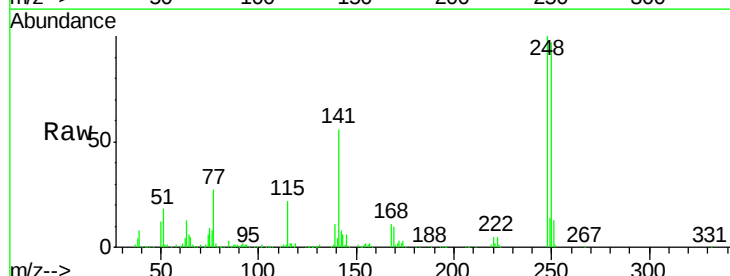
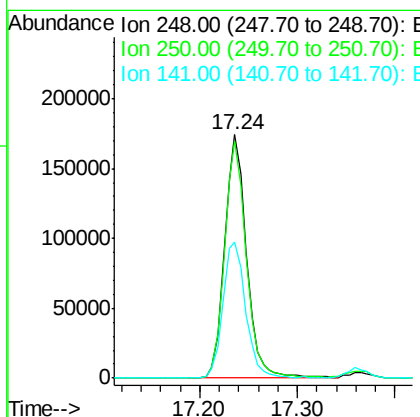
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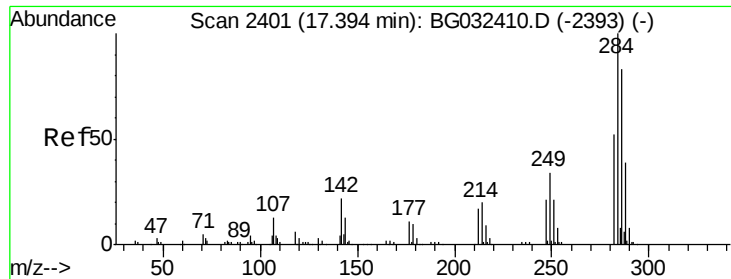
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#66
 4-Bromophenyl-phenylether
 Concen: 49.907 ng
 RT: 17.24 min Scan# 2374
 Delta R.T. -0.02 min
 Lab File: BG032635.D
 Acq: 9 Feb 2018 17:42

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.5	77.1	115.7
141	56.0	50.8	76.2





#67

Hexachlorobenzene

Concen: 44.460 ng

RT: 17.37 min Scan# 2396

Delta R.T. -0.01 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

Instrument :

BNA_G

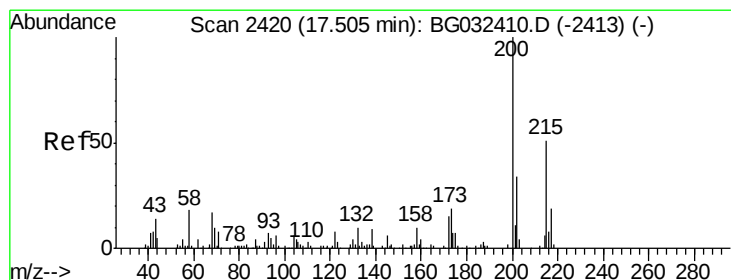
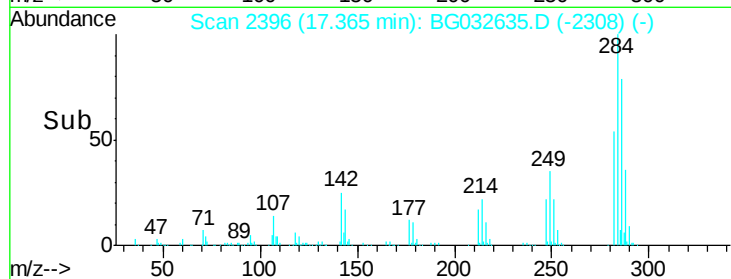
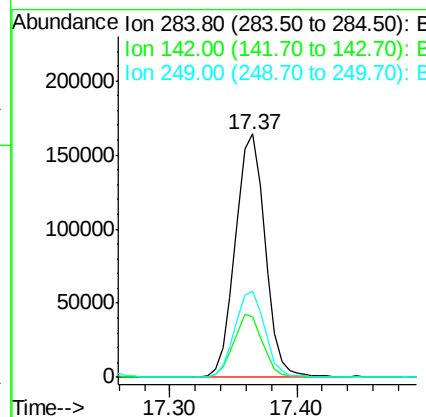
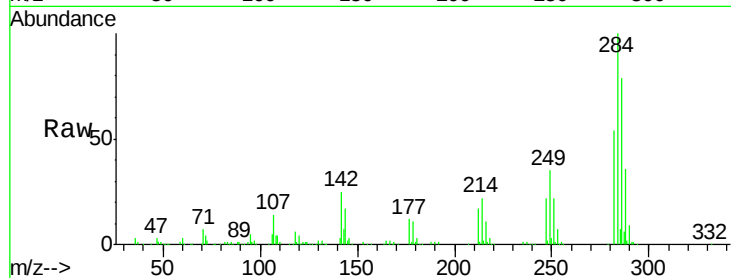
ClientSampleId :

RO-154MSD

Tot Ion:	284	Resp:	266904
Ion Ratio		Lower	Upper
284	100		
142	24.7	26.8	40.2#
249	35.5	26.3	39.5

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#68

Atrazine

Concen: 48.642 ng

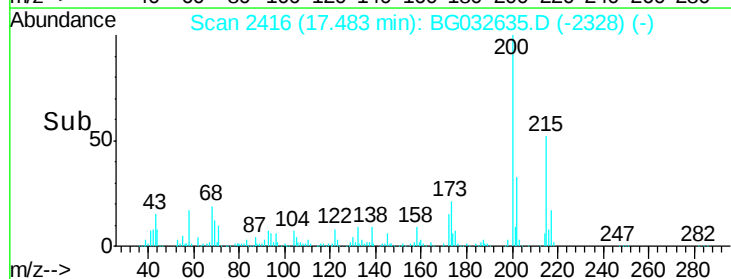
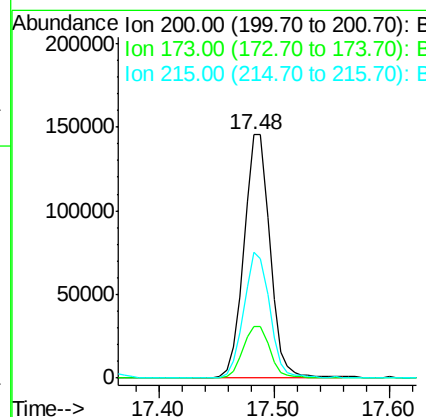
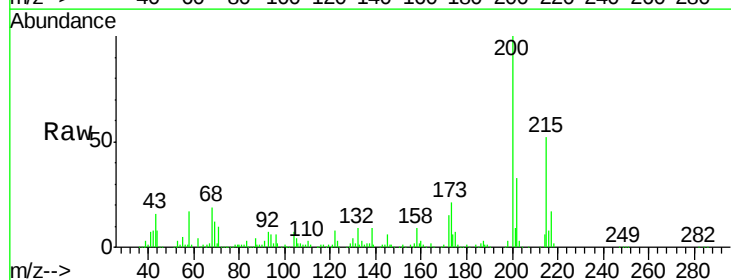
RT: 17.48 min Scan# 2416

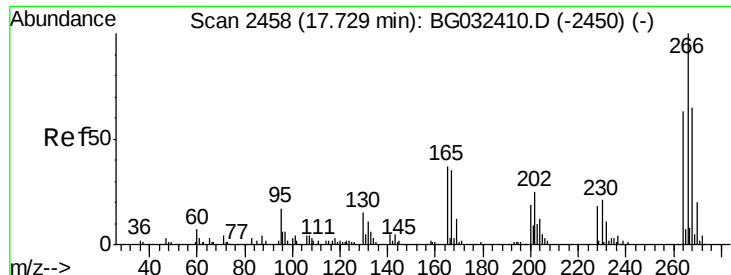
Delta R.T. -0.01 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

Tgt Ion:	200	Resp:	228181
Ion Ratio		Lower	Upper
200	100		
173	21.4	5.2	45.2
215	51.7	30.4	70.4





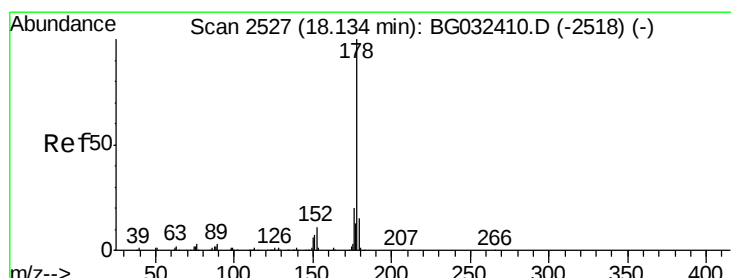
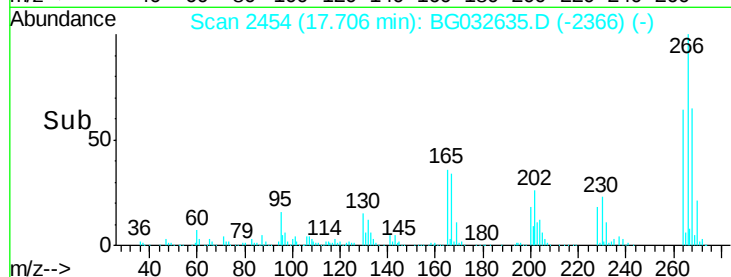
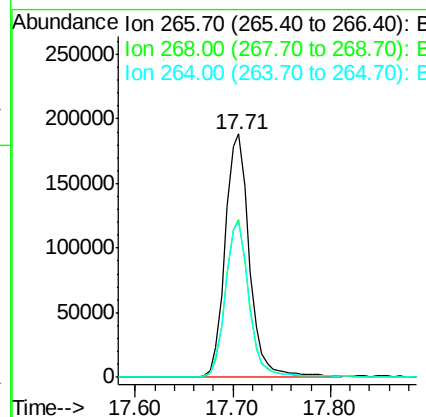
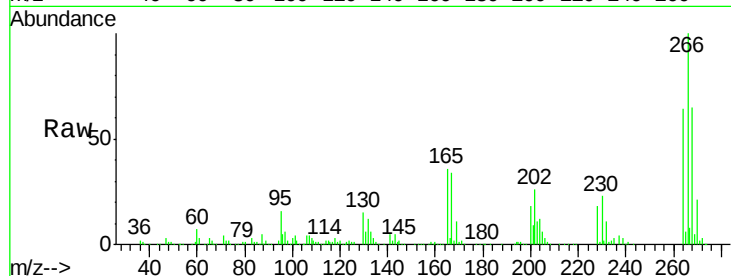
#69
 Pentachlorophenol
 Concen: 86.614 ng
 RT: 17.71 min Scan# 2454
 Delta R.T. -0.01 min
 Lab File: BG032635.D
 Acq: 9 Feb 2018 17:42

Instrument :
 BNA_G
 ClientSampleId :
 RO-154MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.6	51.1	76.7
264	64.0	49.6	74.4

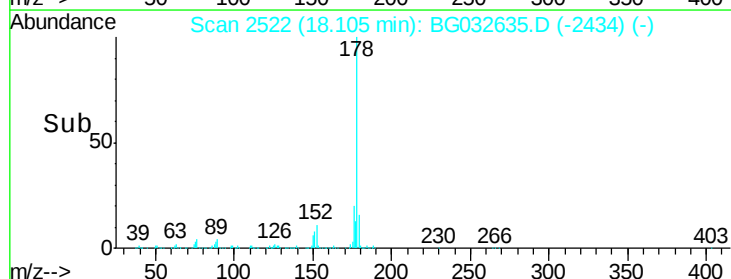
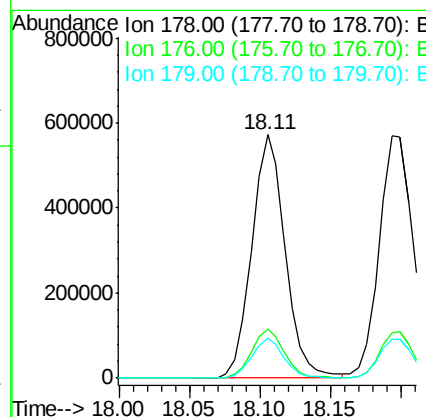
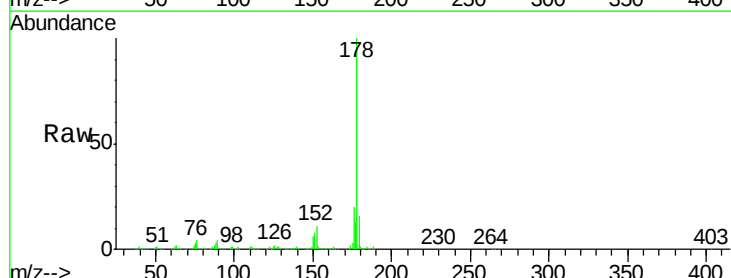
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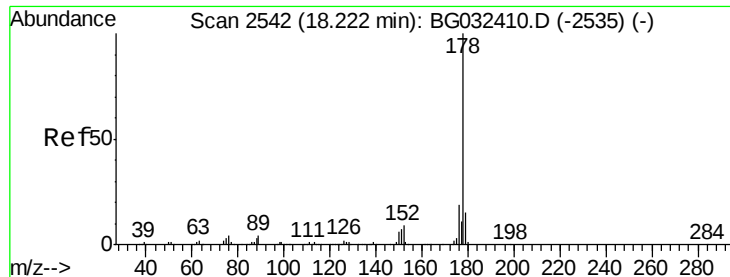
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#70
 Phenanthrene
 Concen: 46.685 ng
 RT: 18.11 min Scan# 2522
 Delta R.T. -0.01 min
 Lab File: BG032635.D
 Acq: 9 Feb 2018 17:42

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.7	23.5
179	16.3	12.5	18.7





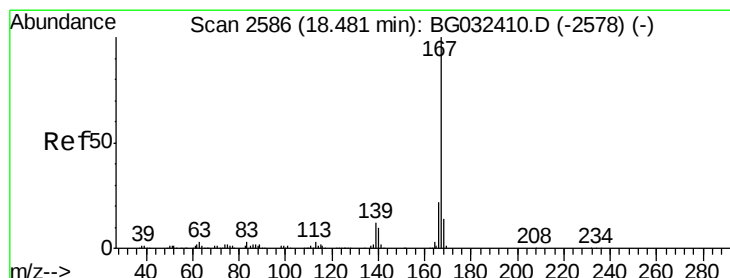
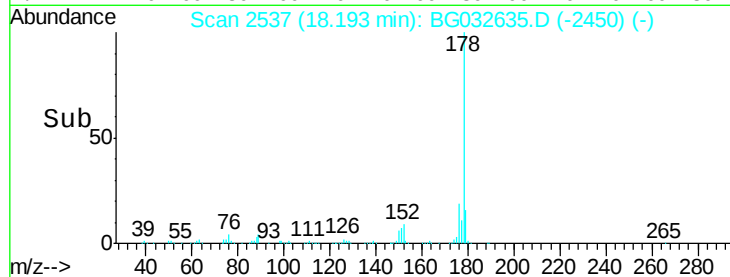
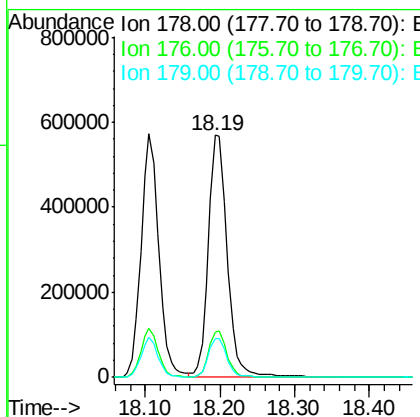
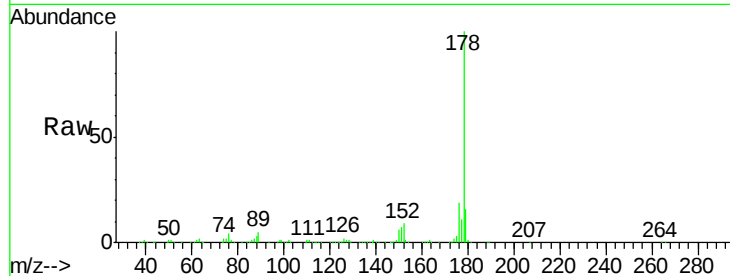
#71
 Anthracene
 Concen: 48.961 ng
 RT: 18.19 min Scan# 2537
 Delta R.T. -0.02 min
 Lab File: BG032635.D
 Acq: 9 Feb 2018 17:42

Instrument :
 BNA_G
 ClientSampleId :
 RO-154MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.0	24.0
179	16.3	12.5	18.7

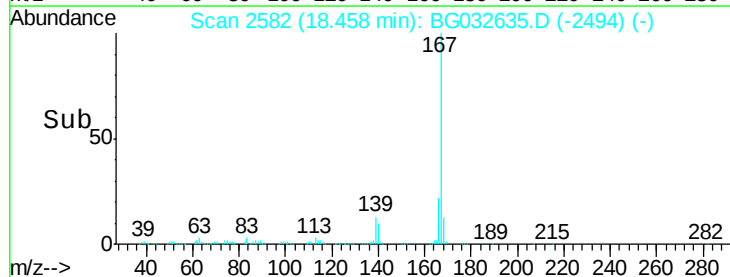
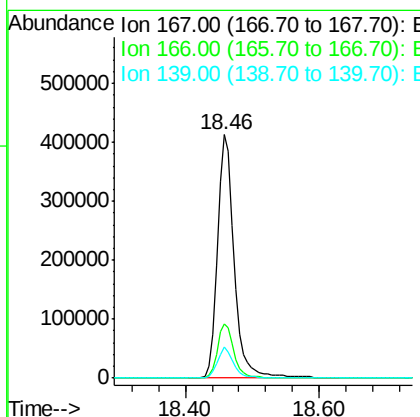
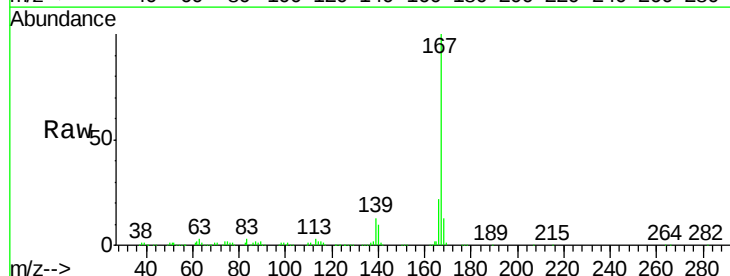
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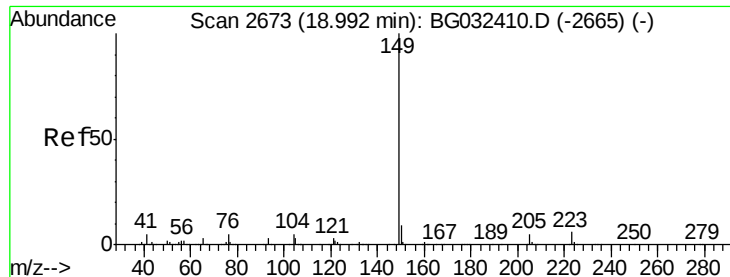
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#72
 Carbazole
 Concen: 40.791 ng
 RT: 18.46 min Scan# 2582
 Delta R.T. -0.01 min
 Lab File: BG032635.D
 Acq: 9 Feb 2018 17:42

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.2	27.4
139	12.7	9.4	14.2





#73

Di-n-butylphthalate

Concen: 42.592 ng

RT: 18.96 min Scan# 2668

Delta R.T. -0.01 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

Instrument :

BNA_G

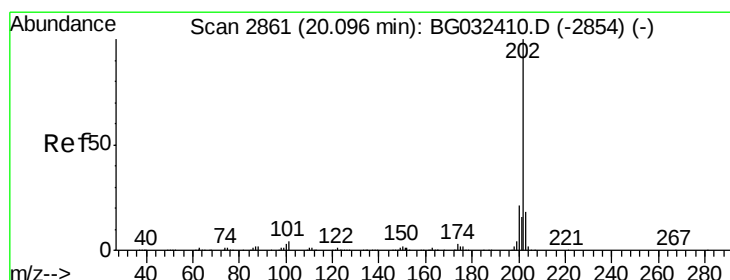
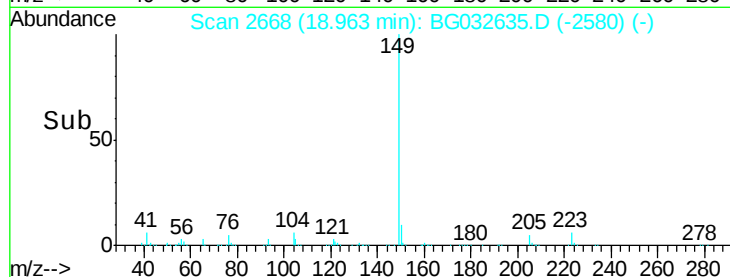
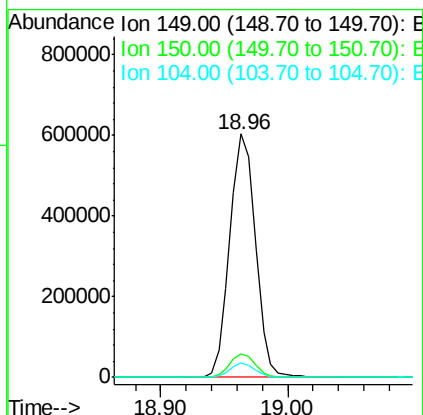
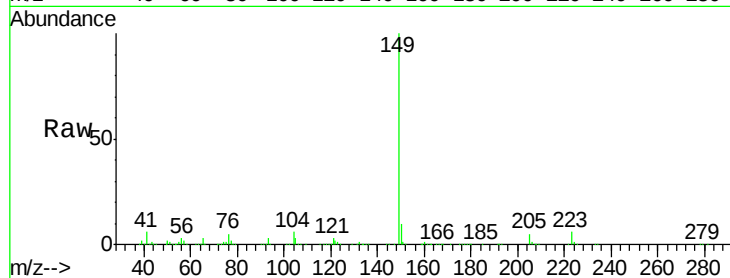
ClientSampleId :

RO-154MSD

Tot Ion:	149	Resp:	847170
Ion Ratio	Lower	Upper	
149	100		
150	9.7	7.8	11.6
104	6.0	3.9	5.9

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#74

Fluoranthene

Concen: 40.376 ng

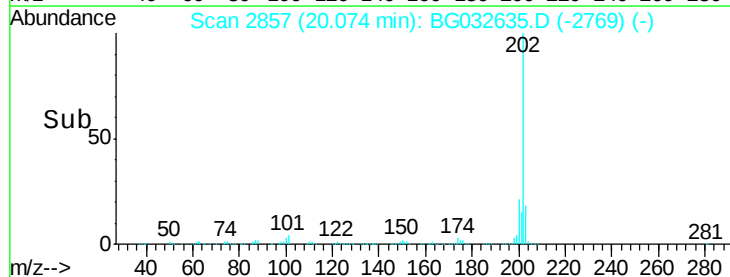
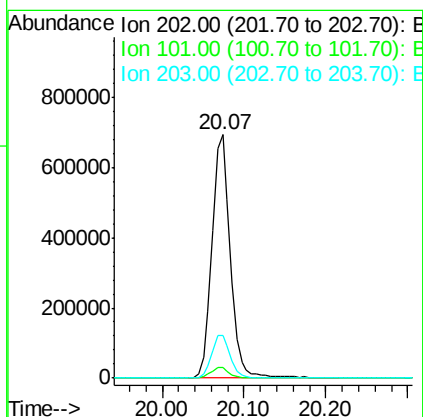
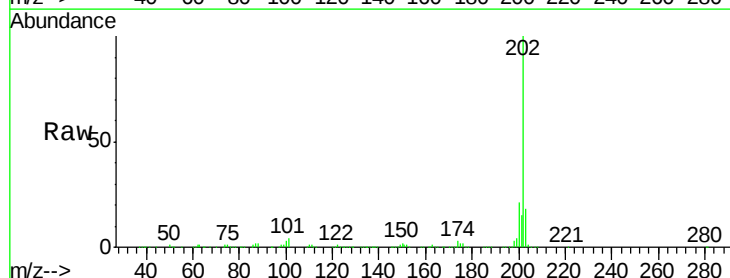
RT: 20.07 min Scan# 2857

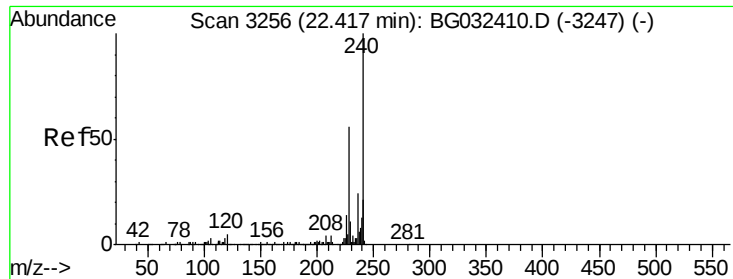
Delta R.T. -0.01 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

Tgt Ion:	202	Resp:	1081252
Ion Ratio	Lower	Upper	
202	100		
101	4.3	0.0	28.9
203	17.6	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.39 min Scan# 3252

Delta R.T. -0.01 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

Instrument :

BNA_G

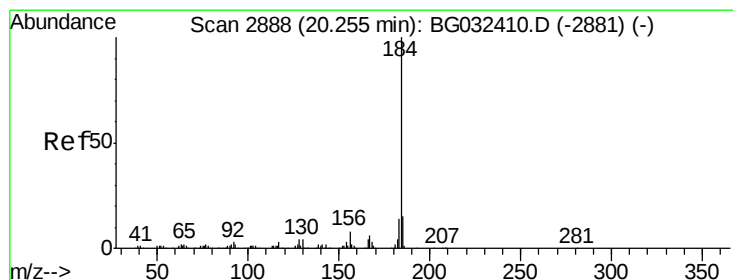
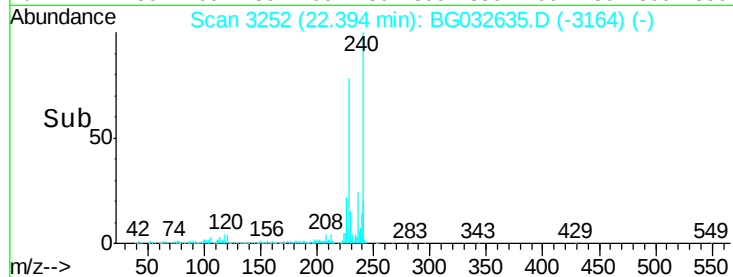
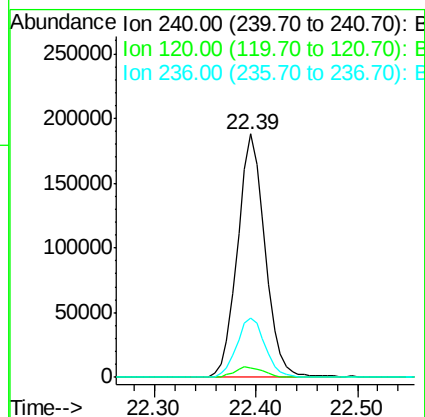
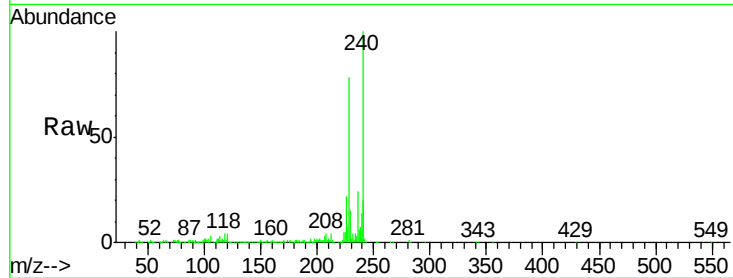
ClientSampleId :

RO-154MSD

Tot Ion:	240	Resp:	353990
Ion Ratio	Lower	Upper	
240	100		
120	4.0	6.8	10.2#
236	24.4	20.9	31.3

Manual Integrations
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#76

Benzidine

Concen: 8.125 ng

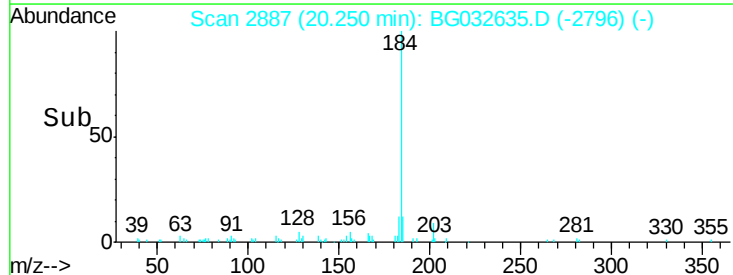
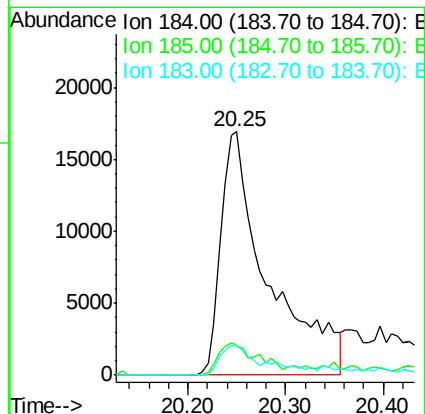
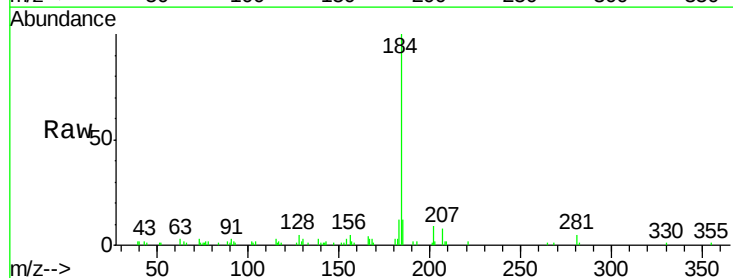
RT: 20.25 min Scan# 2887

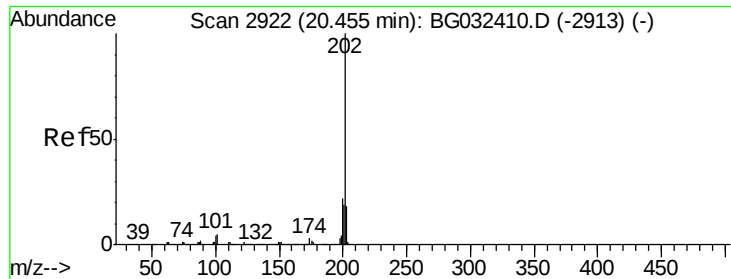
Delta R.T. 0.01 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

Tgt Ion:	184	Resp:	56479
Ion Ratio	Lower	Upper	
184	100		
185	12.4	11.1	16.7
183	11.8	10.6	16.0





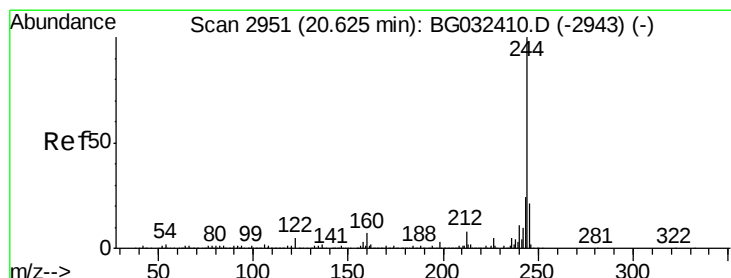
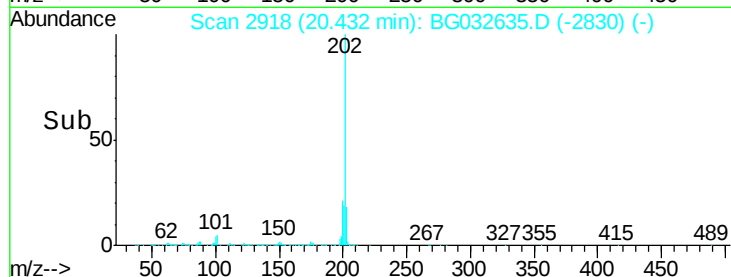
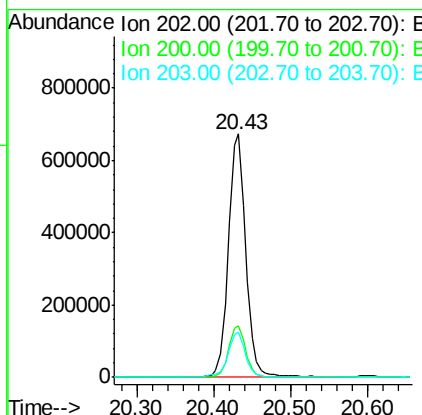
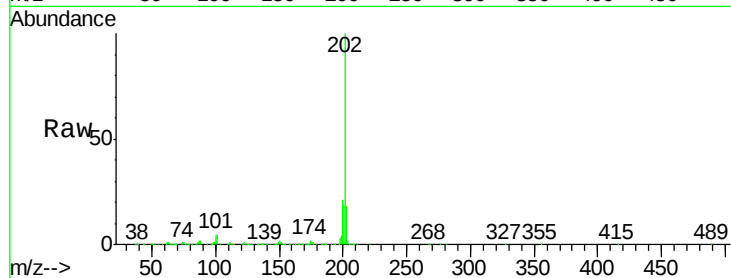
#77
Pvrene
Concen: 49.006 ng
RT: 20.43 min Scan# 2918
Delta R.T. -0.01 min
Lab File: BG032635.D
Acq: 9 Feb 2018 17:42

Instrument :
BNA_G
ClientSampled :
RO-154MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.9	25.3
203	18.5	13.9	20.9

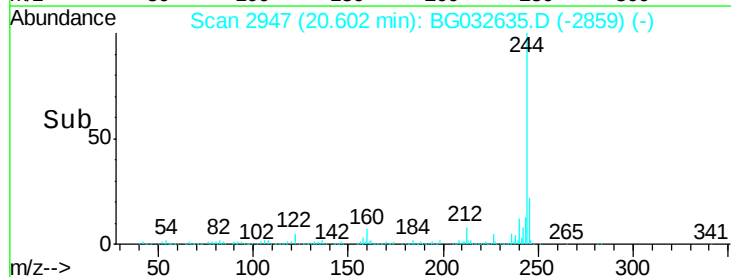
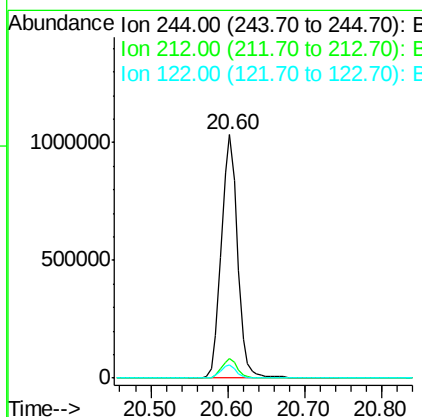
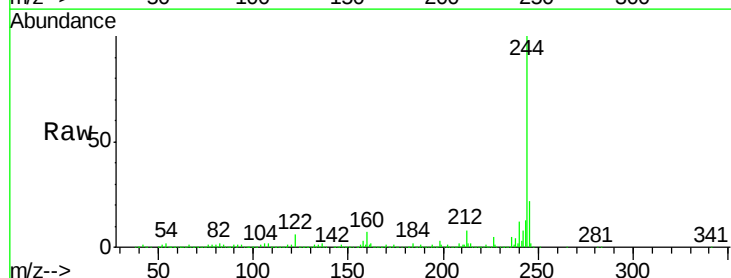
Manual Integrations
APPROVED

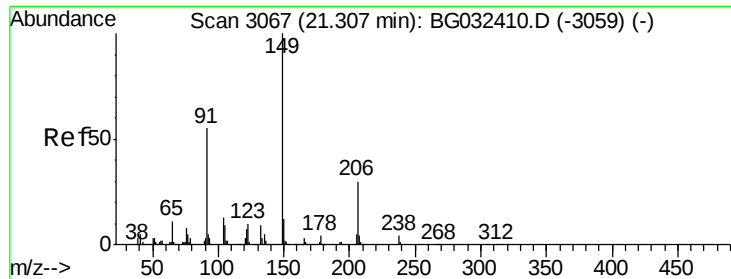
Sohil
2/13/2018 11:29:48 AM



#78
Terphenyl-d14
Concen: 91.663 ng
RT: 20.60 min Scan# 2947
Delta R.T. -0.01 min
Lab File: BG032635.D
Acq: 9 Feb 2018 17:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.8
122	5.5	7.0	10.4#





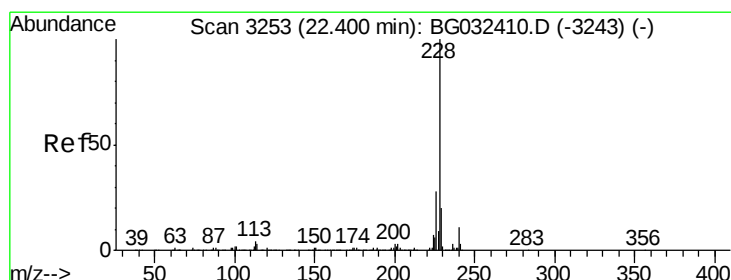
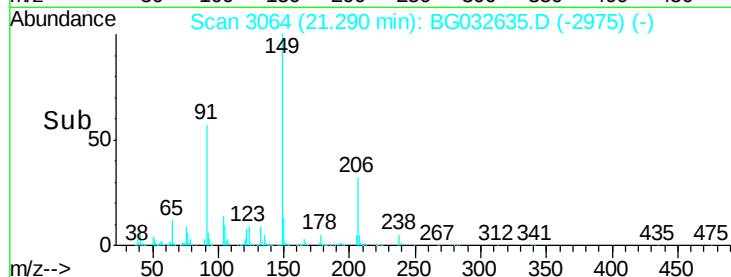
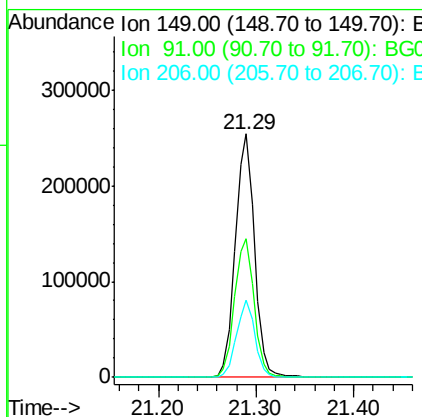
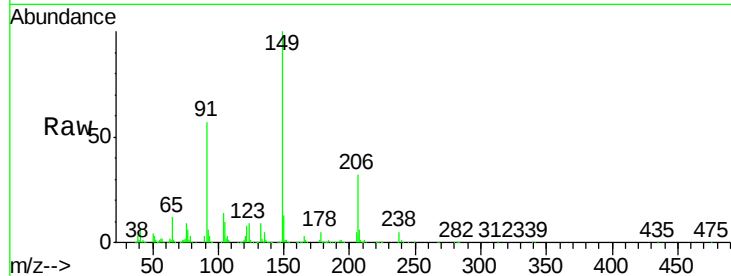
#79
Butylbenzylphthalate
Concen: 50.657 ng
RT: 21.29 min Scan# 3064
Delta R.T. -0.01 min
Lab File: BG032635.D
Acq: 9 Feb 2018 17:42

Instrument :
BNA_G
ClientSampleId :
RO-154MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	57.2	62.2	93.2#
206	31.7	18.6	27.8#

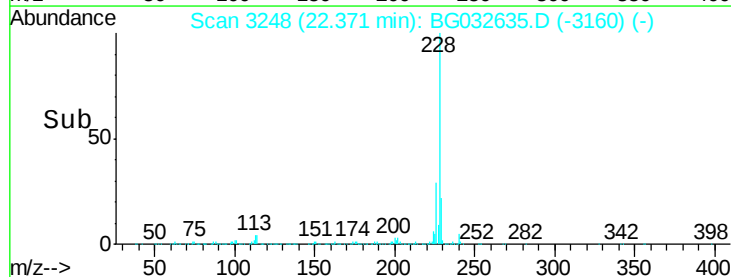
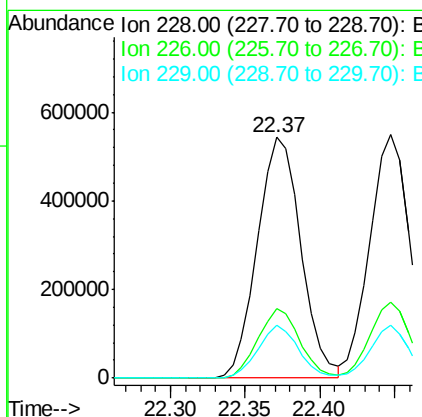
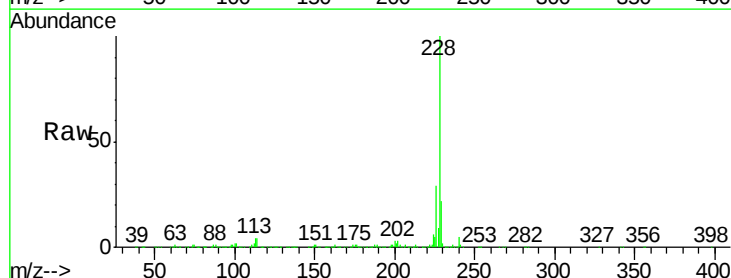
Manual Integrations
APPROVED

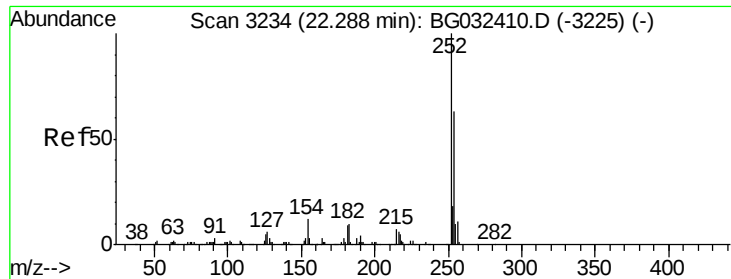
Sohil
2/13/2018 11:29:48 AM



#80
Benzo(a)anthracene
Concen: 50.195 ng
RT: 22.37 min Scan# 3248
Delta R.T. -0.01 min
Lab File: BG032635.D
Acq: 9 Feb 2018 17:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.7	34.1
229	21.8	16.2	24.2





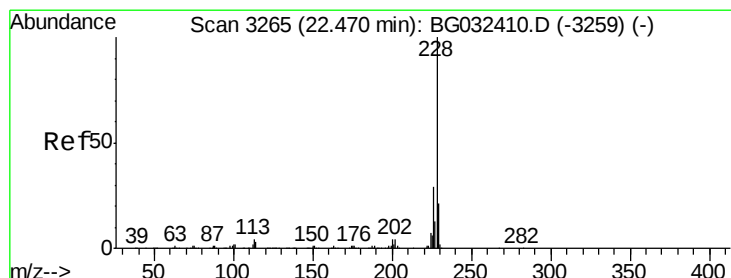
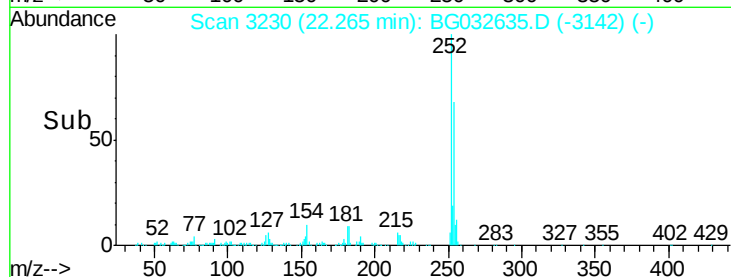
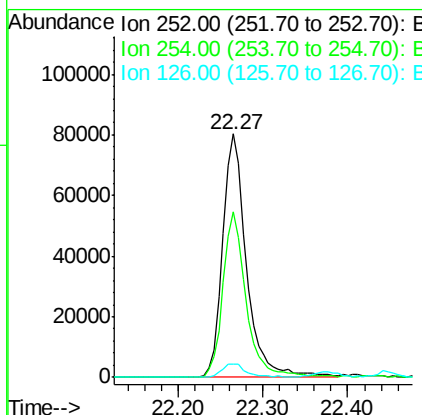
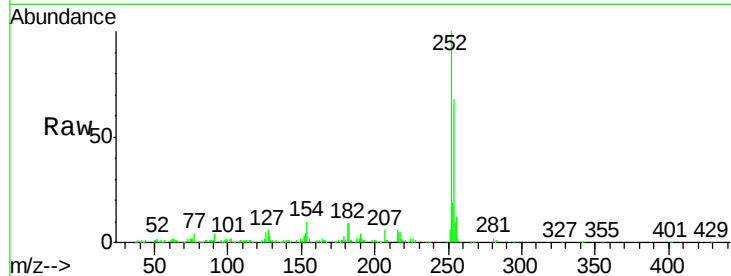
#81
 3,3'-Dichlorobenzidine
 Concen: 18.492 ng
 RT: 22.27 min Scan# 3230
 Delta R.T. -0.01 min
 Lab File: BG032635.D
 Acq: 9 Feb 2018 17:42

Instrument :
 BNA_G
 ClientSampled :
 RO-154MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	68.0	50.8	76.2
126	5.5	7.4	11.2

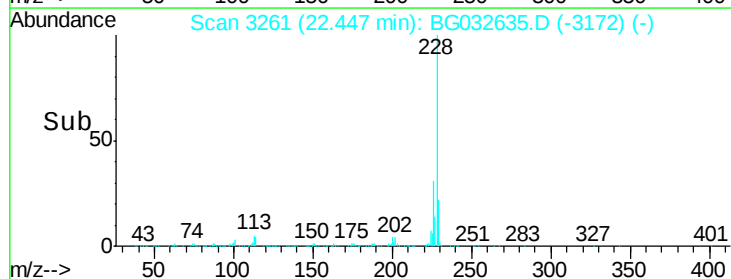
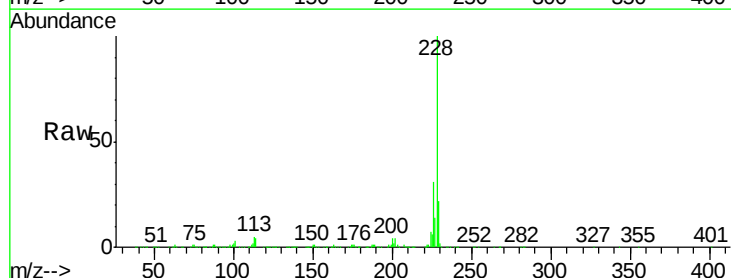
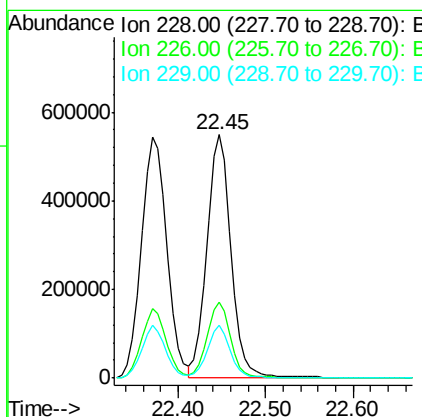
Manual Integrations
 APPROVED

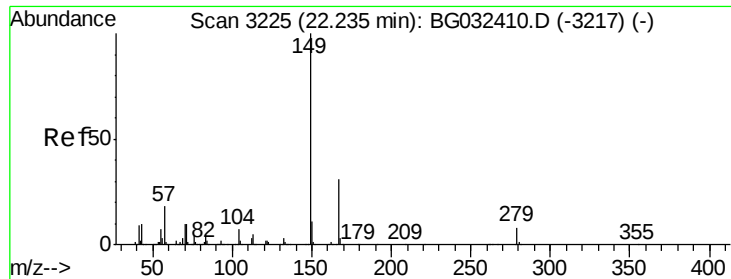
Sohil
 2/13/2018 11:29:48 AM



#82
 Chrysene
 Concen: 49.391 ng
 RT: 22.45 min Scan# 3261
 Delta R.T. -0.01 min
 Lab File: BG032635.D
 Acq: 9 Feb 2018 17:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.9	37.3
229	21.6	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.905 ng

RT: 22.21 min Scan# 3221

Delta R.T. -0.01 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

Instrument :

BNA_G

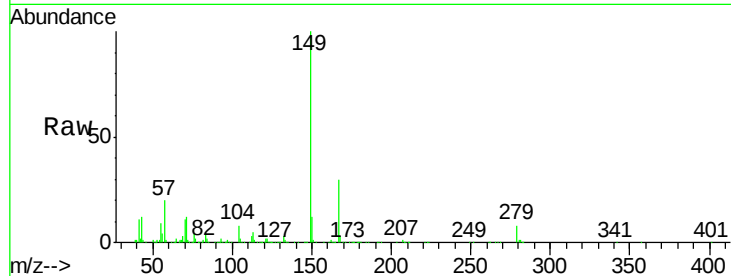
ClientSampleId :

RO-154MSD

Tot Ion:	149	Resp:	494309
Ion Ratio	Lower	Upper	
149	100		
167	29.9	24.3	36.5
279	7.8	4.0	6.0#

Manual Integrations
APPROVED

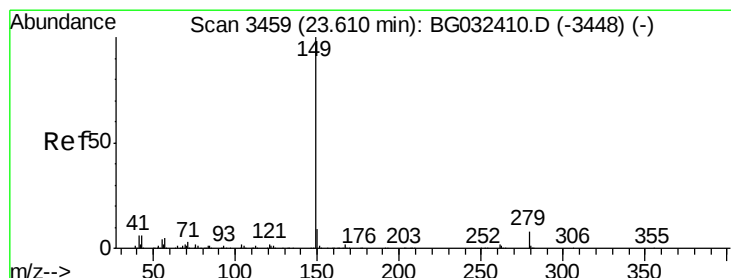
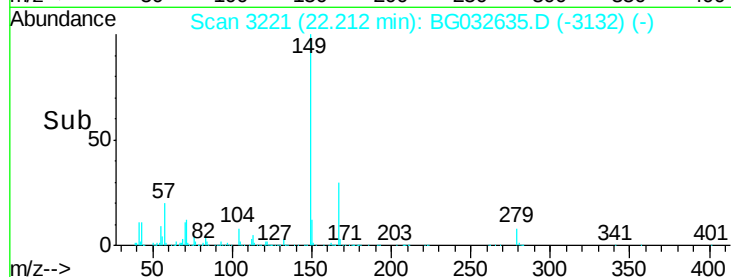
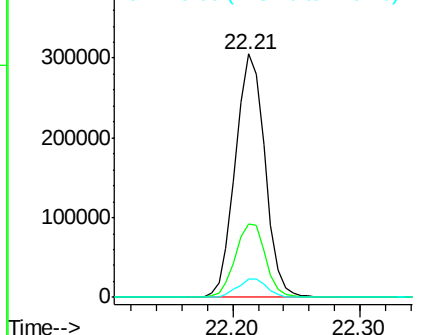
Sohil
2/13/2018 11:29:48 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 56.051 ng

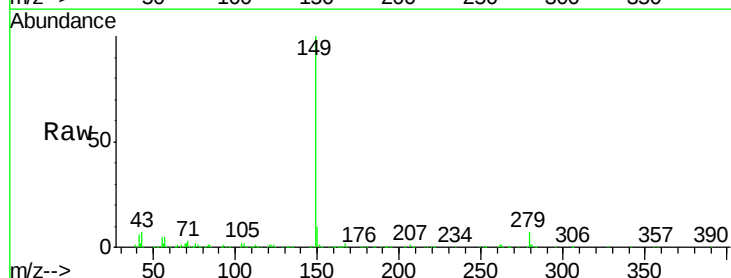
RT: 23.58 min Scan# 3454

Delta R.T. 0.00 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

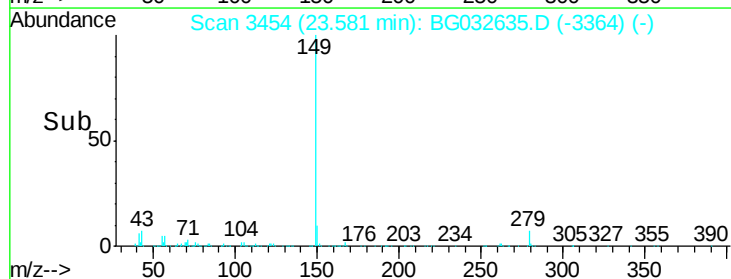
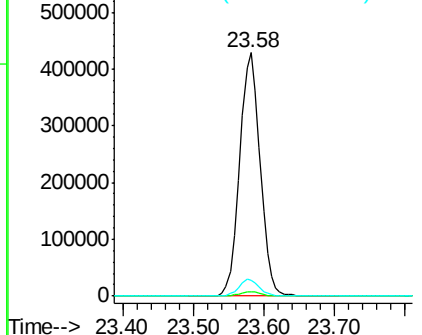
Tgt Ion:	149	Resp:	863274
Ion Ratio	Lower	Upper	
149	100		
167	1.9	1.4	2.0
43	6.7	8.9	13.3#

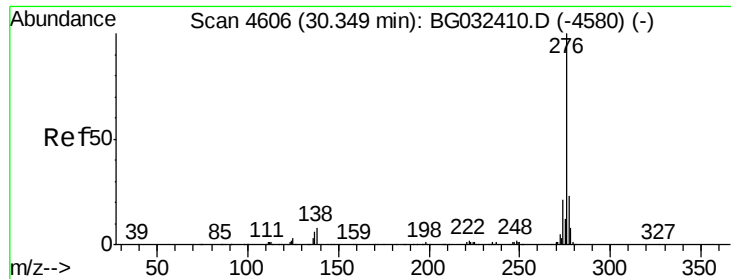


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGO





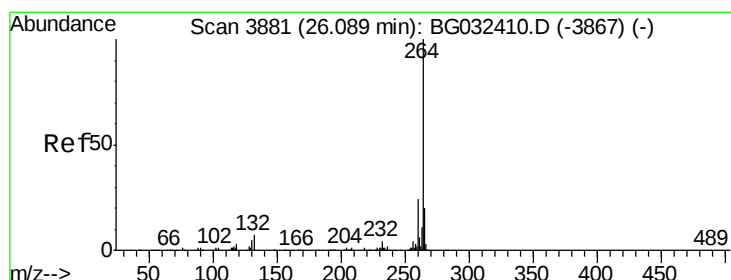
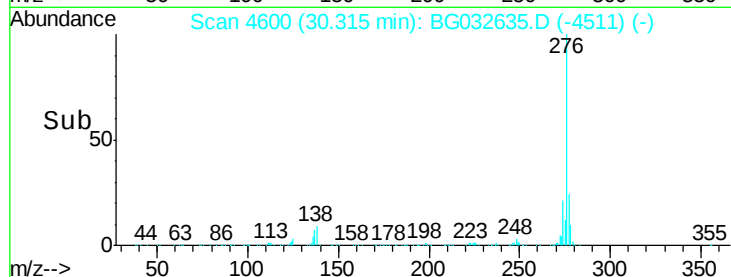
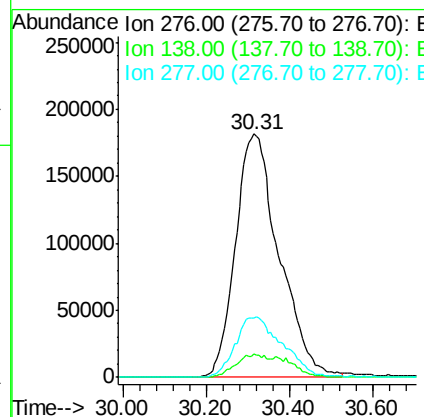
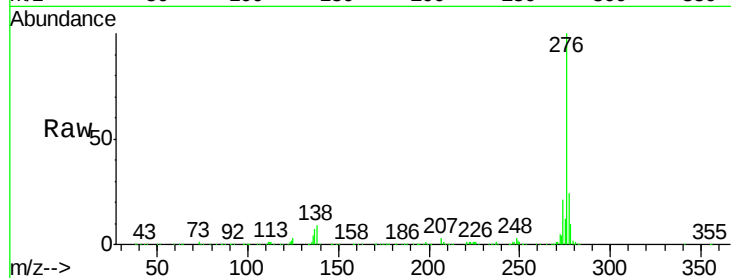
#85
Indeno(1,2,3-cd)pyrene
Concen: 49.411 ng
RT: 30.31 min Scan# 4600
Delta R.T. -0.01 min
Lab File: BG032635.D
Acq: 9 Feb 2018 17:42

Instrument :
BNA_G
ClientSampleId :
RO-154MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	6.9	16.0	24.0#
277	26.5	20.0	30.0

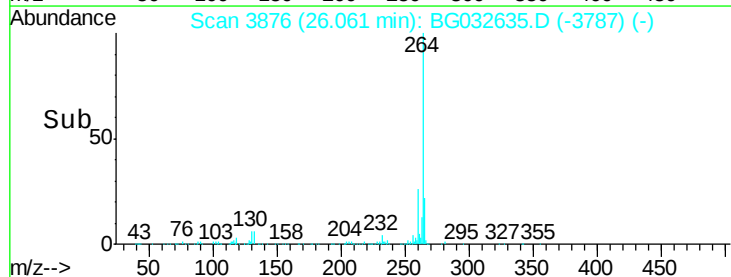
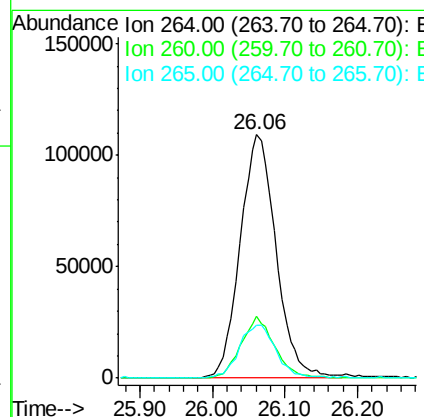
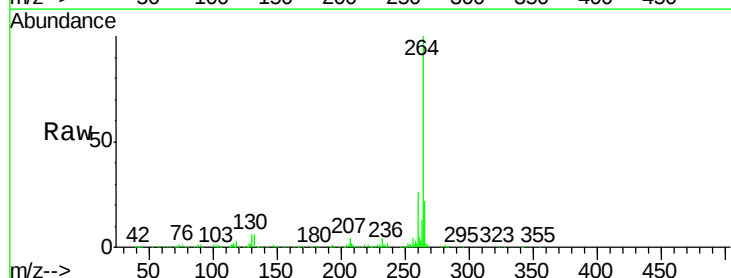
Manual Integrations
APPROVED

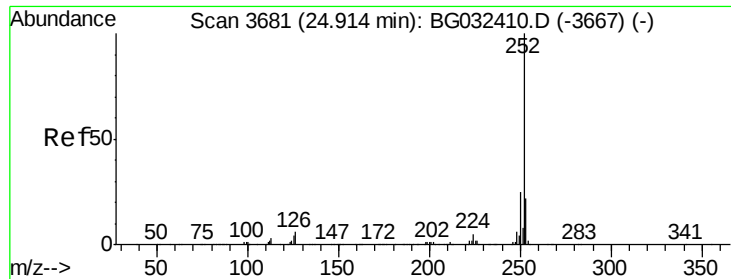
Sohil
2/13/2018 11:29:48 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 26.06 min Scan# 3876
Delta R.T. -0.01 min
Lab File: BG032635.D
Acq: 9 Feb 2018 17:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.5	17.4	26.0
265	22.0	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 51.189 ng

RT: 24.89 min Scan# 3676

Delta R.T. -0.01 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

Instrument :

BNA_G

ClientSampled :

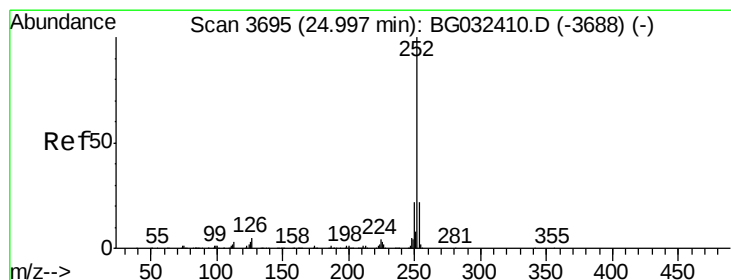
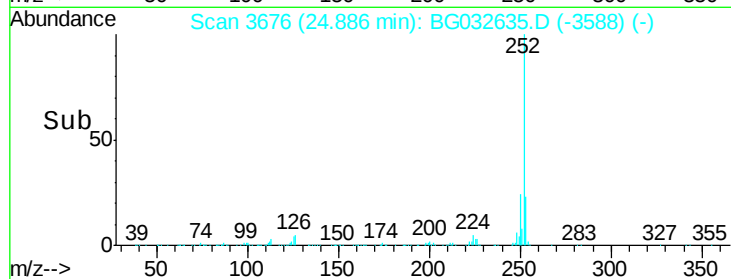
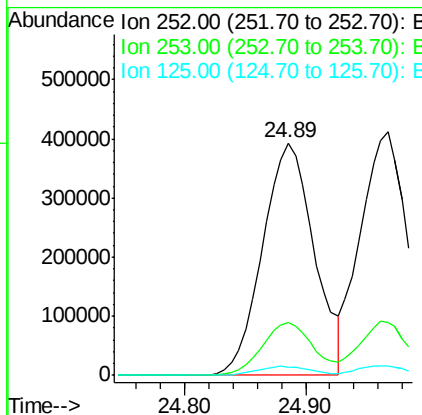
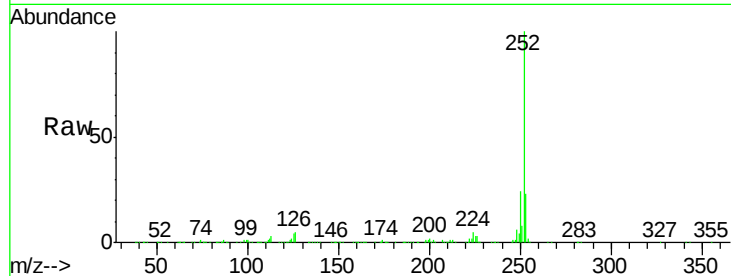
RO-154MSD

Tot Ion:252 Resp: 1163330

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	3.7	7.2	10.8

Manual Integrations
APPROVED

Sohil
2/13/2018 11:29:48 AM



#88

Benzo(k)fluoranthene

Concen: 50.647 ng

RT: 24.97 min Scan# 3690

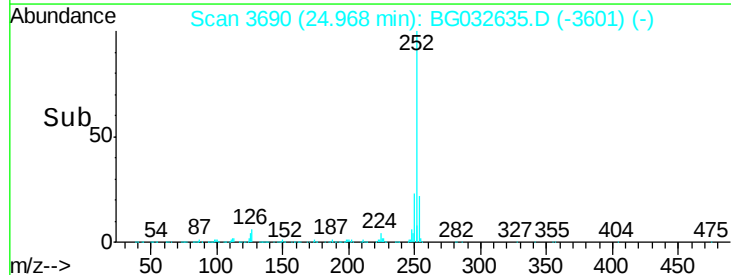
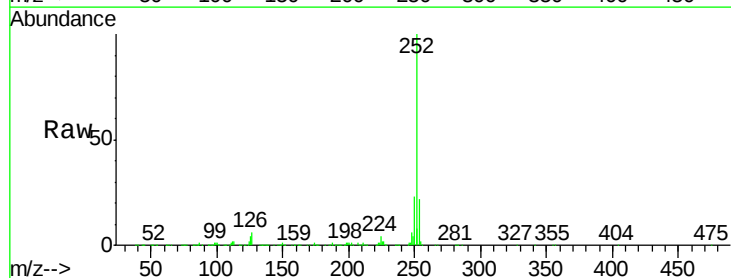
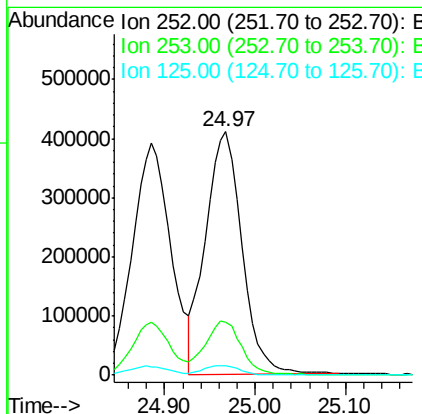
Delta R.T. -0.01 min

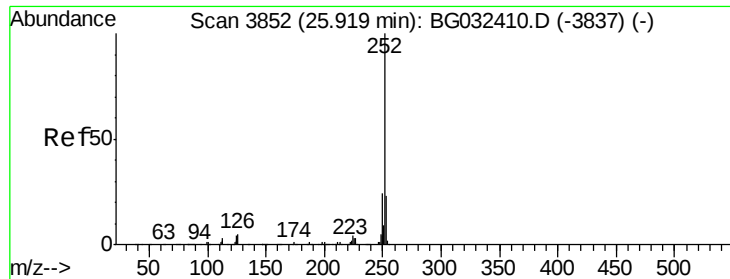
Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

Tgt Ion:252 Resp: 1140229

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	3.7	6.6	9.8





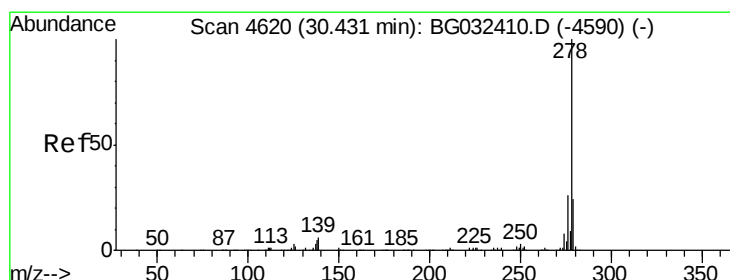
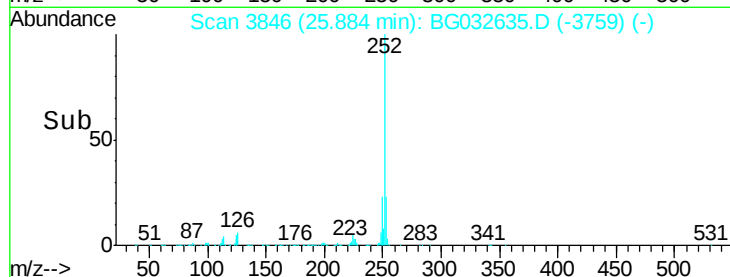
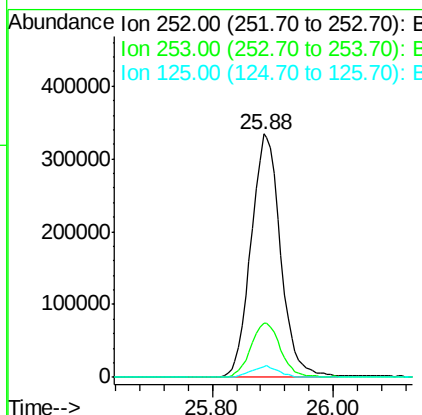
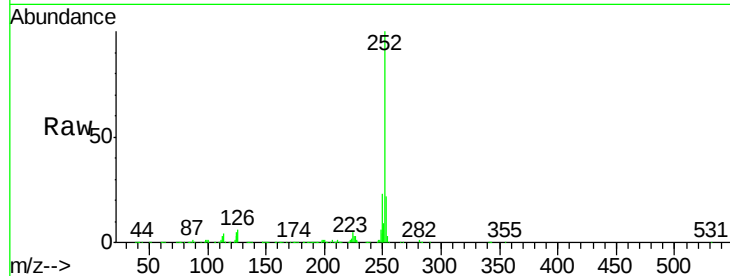
#89
Benzo(a)pyrene
Concen: 52.388 ng
RT: 25.88 min Scan# 3846
Delta R.T. -0.02 min
Lab File: BG032635.D
Acq: 9 Feb 2018 17:42

Instrument :
BNA_G
ClientSampleId :
RO-154MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.3	27.5
125	4.5	7.3	10.9

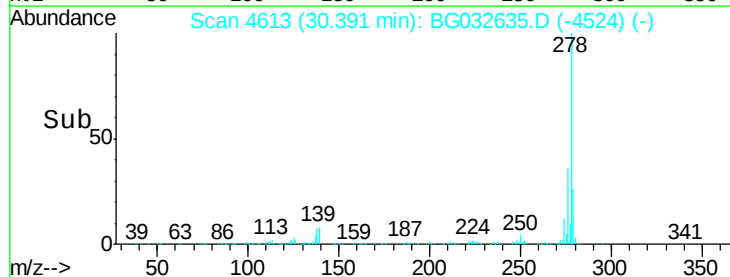
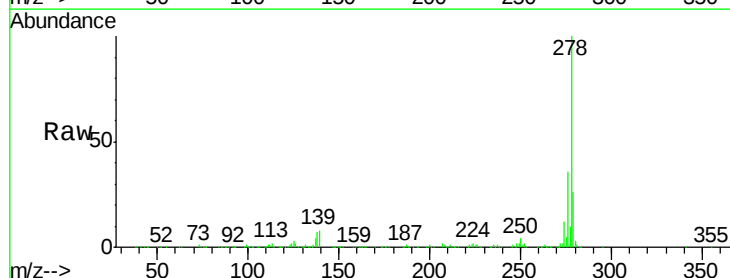
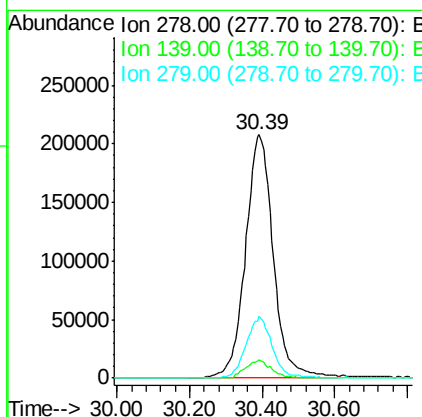
Manual Integrations
APPROVED

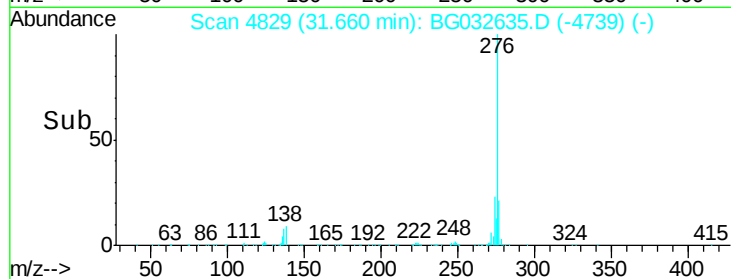
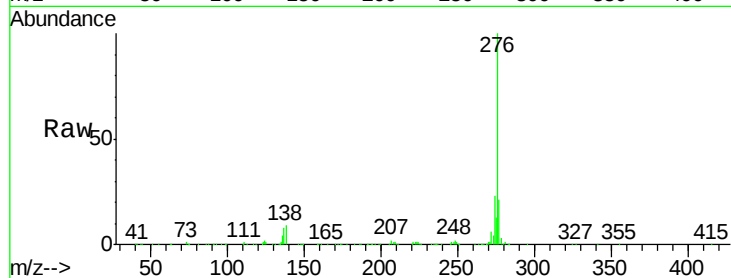
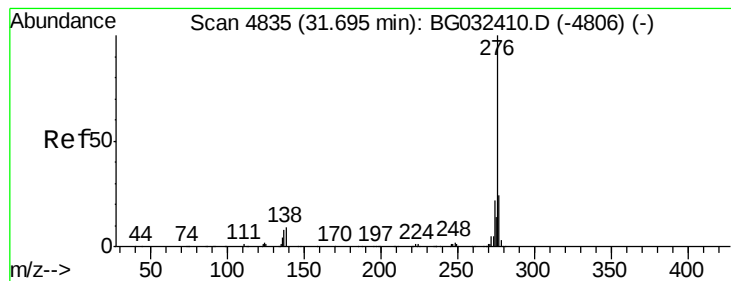
Sohil
2/13/2018 11:29:48 AM



#90
Dibenzo(a,h)anthracene
Concen: 49.943 ng
RT: 30.39 min Scan# 4613
Delta R.T. -0.01 min
Lab File: BG032635.D
Acq: 9 Feb 2018 17:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	7.6	9.8	14.6
279	25.6	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 49.981 ng

RT: 31.66 min Scan# 4829

Delta R.T. 0.00 min

Lab File: BG032635.D

Acq: 9 Feb 2018 17:42

Tot Ion	Ratio	Lower	Upper
276	100		
277	21.3	18.3	27.5
138	9.2	13.9	20.9

Instrument :

BNA_G

ClientSampleId :

RO-154MSD

Manual Integrations
APPROVED

Sohil
2/13/2018 11:29:48 AM

