

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020918\
 Data File : BG032634.D
 Acq On : 9 Feb 2018 17:04
 Operator : SJ/JU
 Sample : J1499-03MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-154MS

Manual Integrations
 APPROVED

Sohil

2/13/2018 11:29:45 AM

Quant Time: Feb 09 23:41:35 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	34272	20.00	ng	-0.02
21) Naphthalene-d8	11.56	136	155745	20.00	ng	-0.02
38) Acenaphthene-d10	15.32	164	121074	20.00	ng	-0.02
63) Phenanthrene-d10	18.06	188	292387	20.00	ng	-0.02
75) Chrysene-d12	22.39	240	345487	20.00	ng	-0.01
86) Perylene-d12	26.06	264	364801	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	6.13	112	249222	146.06	ng	-0.02
7) Phenol-d6	7.81	99	309061	135.74	ng	-0.02
23) Nitrobenzene-d5	9.88	82	232520	93.25	ng	-0.03
41) 2,4,6-Tribromophenol	16.81	330	263542	114.35	ng	-0.01
44) 2-Fluorobiphenyl	13.95	172	839483	82.41	ng	-0.02
78) Terphenyl-d14	20.60	244	1467807	91.01	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.80	88	20022	34.876	ng	# 77
3) Pyridine	4.25	79	44598	28.770	ng	# 81
4) n-Nitrosodimethylamine	4.15	42	37016	45.872	ng	# 76
6) Aniline	7.99	93	26358	9.285	ng	# 95
8) 2-Chlorophenol	8.23	128	100442	49.799	ng	82
9) Benzaldehyde	7.79	77	20478	17.413	ng	89
10) Phenol	7.83	94	97123	44.917	ng	87
11) bis(2-Chloroethyl)ether	8.07	93	72825	44.203	ng	# 81
12) 1,3-Dichlorobenzene	8.57	146	107818	39.528	ng	97
13) 1,4-Dichlorobenzene	8.72	146	111125	40.647	ng	93
14) 1,2-Dichlorobenzene	9.05	146	108160	40.386	ng	98
15) Benzyl Alcohol	8.92	79	84593	45.079	ng	94
16) 2,2'-oxybis(1-Chloropropan	9.20	45	83089	53.222	ng	74
17) 2-Methylphenol	9.13	107	74055	42.169	ng	# 91
18) Hexachloroethane	9.80	117	39461	42.991	ng	# 83
19) n-Nitroso-di-n-propylamine	9.50	70	71803	47.561	ng	# 89
20) 3+4-Methylphenols	9.46	107	109727	44.544	ng	95
22) Acetophenone	9.53	105	144018	39.448	ng	# 93
24) Nitrobenzene	9.93	77	106747	44.272	ng	94
25) Isophorone	10.44	82	213282	50.234	ng	# 87
26) 2-Nitrophenol	10.65	139	61897	42.467	ng	# 84
27) 2,4-Dimethylphenol	10.69	122	100933	48.246	ng	92
28) bis(2-Chloroethoxy)methane	10.93	93	111468	47.877	ng	# 93
29) 2,4-Dichlorophenol	11.20	162	132102	47.667	ng	91
30) 1,2,4-Trichlorobenzene	11.41	180	144787	39.198	ng	97
31) Naphthalene	11.61	128	319283	41.974	ng	98
32) Benzoic acid	10.83	122	50243	34.592	ng	# 81
33) 4-Chloroaniline	11.73	127	11484	3.385	ng	# 84
34) Hexachlorobutadiene	11.88	225	111690	38.865	ng	96
35) Caprolactam	12.47	113	27032	33.978	ng	# 53
36) 4-Chloro-3-methylphenol	12.79	107	126139	47.984	ng	# 91
37) 2-Methylnaphthalene	13.18	142	276355	43.245	ng	94
39) 1,2,4,5-Tetrachlorobenzene	13.53	216	225277	39.772	ng	96
40) Hexachlorocyclopentadiene	13.51	237	291892	82.478	ng	91

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Manual Integrations
 APPROVED

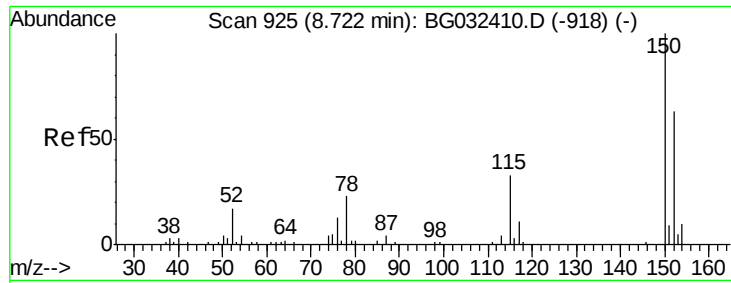
Sohil

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.76	196	134039	43.505	nq	98
43) 2,4,5-Trichlorophenol	13.84	196	152984	42.595	nq #	91
45) 1,1'-Biphenyl	14.16	154	408088	39.895	nq	94
46) 2-Chloronaphthalene	14.21	162	316329	39.456	nq	97
47) 2-Nitroaniline	14.40	65	72945	41.143	nq #	81
48) Acenaphthylene	15.05	152	475003	39.191	nq	100
49) Dimethylphthalate	14.76	163	441595	39.557	nq #	98
50) 2,6-Dinitrotoluene	14.89	165	97504	41.613	nq #	84
51) Acenaphthene	15.39	154	379212	45.114	nq	99
52) 3-Nitroaniline	15.23	138	8218	4.015	nq #	65
53) 2,4-Dinitrophenol	15.43	184	114208	78.184	nq #	54
54) Dibenzofuran	15.72	168	522043	41.961	nq	98
55) 4-Nitrophenol	15.51	139	100860	65.827	nq #	79
56) 2,4-Dinitrotoluene	15.67	165	134037	40.177	nq #	73
57) Fluorene	16.36	166	414384	40.083	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.94	232	164124	46.332	nq #	83
59) Diethylphthalate	16.10	149	425706	39.153	nq	96
60) 4-Chlorophenyl-phenylether	16.34	204	276894	42.474	nq	94
61) 4-Nitroaniline	16.38	138	47752	21.769	nq #	76
62) Azobenzene	16.64	77	284983	43.860	nq	86
64) 4,6-Dinitro-2-methylphenol	16.43	198	84238	38.565	nq #	70
65) n-Nitrosodiphenylamine	16.55	169	381878	43.764	nq	97
66) 4-Bromophenyl-phenylether	17.24	248	190527	43.985	nq	95
67) Hexachlorobenzene	17.37	284	189326	39.495	nq #	88
68) Atrazine	17.48	200	146439	39.094	nq	96
69) Pentachlorophenol	17.70	266	230226	76.667	nq	97
70) Phenanthrene	18.11	178	667426	40.932	nq	99
71) Anthracene	18.19	178	698863	43.045	nq	99
72) Carbazole	18.46	167	559899	39.031	nq	99
73) Di-n-butylphthalate	18.96	149	627805	39.528	nq	99
74) Fluoranthene	20.07	202	872773	40.815	nq	94
77) Pyrene	20.43	202	868800	41.000	nq	99
79) Butylbenzylphthalate	21.29	149	298981	44.732	nq #	78
80) Benzo(a)anthracene	22.37	228	935838	43.693	nq	99
81) 3,3'-Dichlorobenzidine	22.27	252	105849	12.755	nq #	98
82) Chrysene	22.45	228	895212	43.280	nq	98
83) Bis(2-ethylhexyl)phthalate	22.21	149	423111	44.646	nq #	99
84) Di-n-octyl phthalate	23.58	149	728225	48.446	nq #	90
85) Indeno(1,2,3-cd)pyrene	30.31	276	1125897	43.028	nq #	83
87) Benzo(b)fluoranthene	24.89	252	989231m	44.879	nq	
88) Benzo(k)fluoranthene	24.96	252	961074	44.014	nq #	96
89) Benzo(a)pyrene	25.89	252	961456	45.753	nq #	95
90) Dibenzo(a,h)anthracene	30.39	278	930604	43.291	nq #	94
91) Benzo(g,h,i)perylene	31.65	276	926171	43.406	nq #	91

(#) = 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
Lab File: BG032634.D
Acq: 9 Feb 2018 17:04

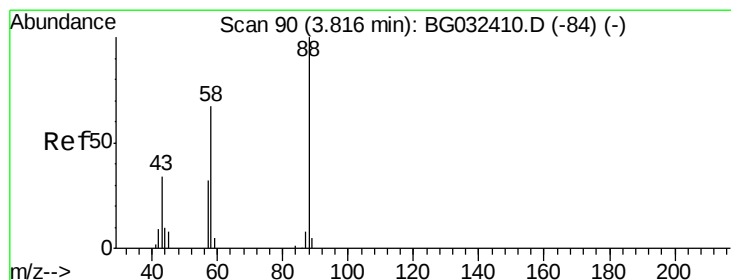
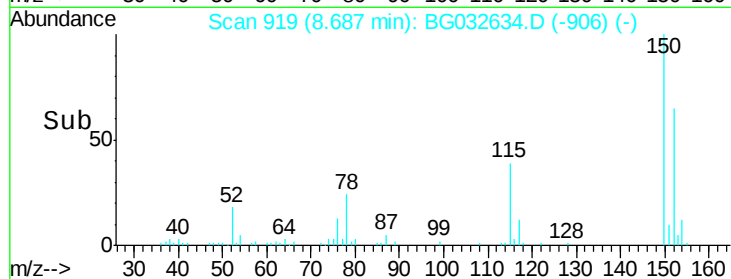
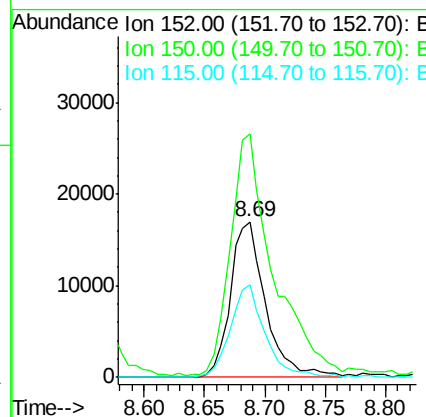
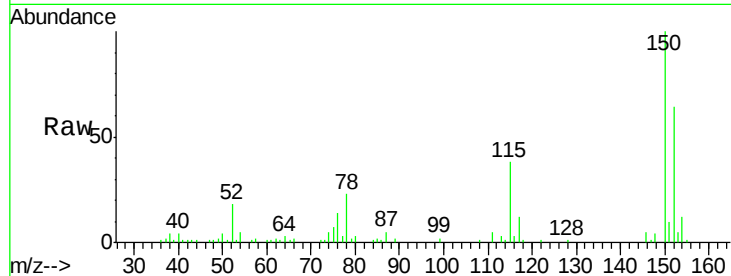
Instrument :
BNA_G
ClientSampleId :
RO-154MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	126.6	189.8
115	59.7	53.0	79.4

Manual Integrations
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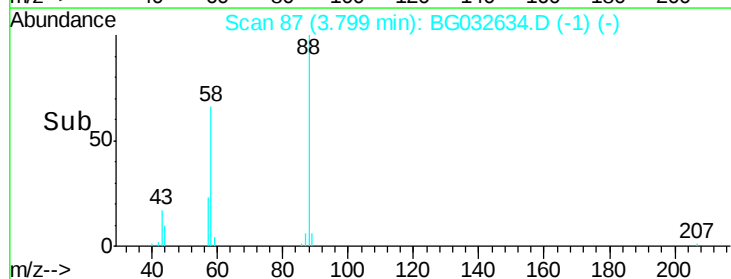
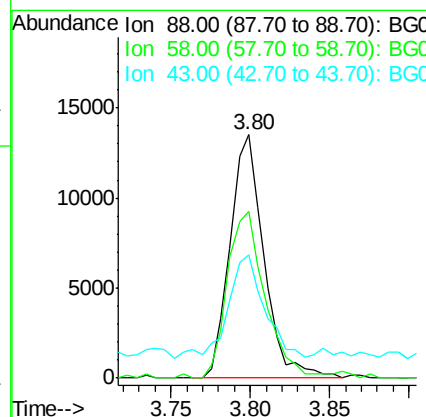
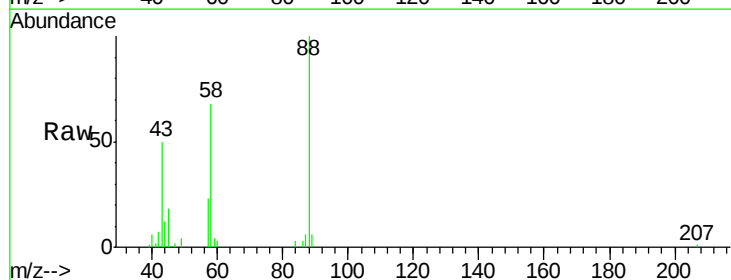
2/13/2018 11:29:45 AM

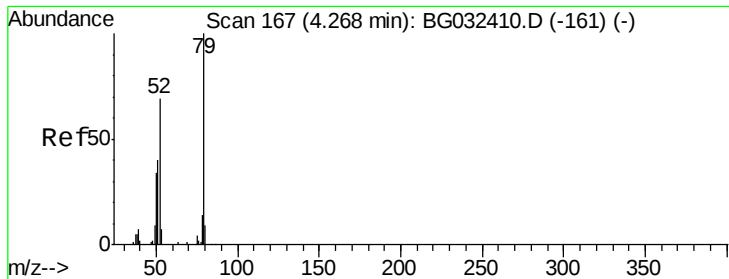


#2

1,4-Dioxane
Concen: 34.876 ng
RT: 3.80 min Scan# 87
Delta R.T. -0.01 min
Lab File: BG032634.D
Acq: 9 Feb 2018 17:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.6	79.6	119.4#
43	46.2	27.4	41.0#





#3

Pvridine

Concen: 28.770 ng

RT: 4.25 min Scan# 164

Delta R.T. -0.01 min

Lab File: BG032634.D

Acq: 9 Feb 2018 17:04

Instrument :

BNA_G

ClientSampleId :

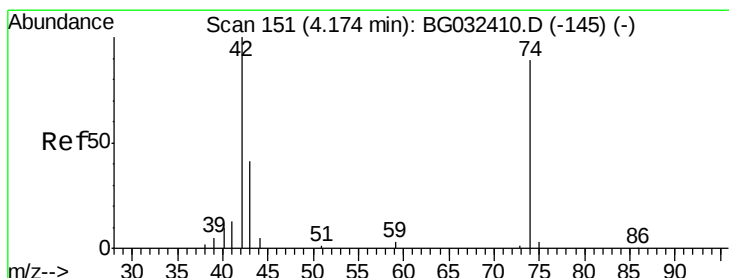
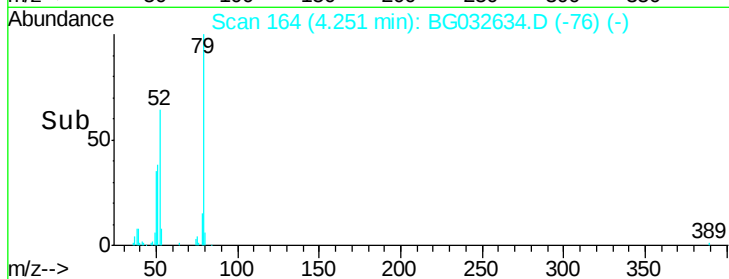
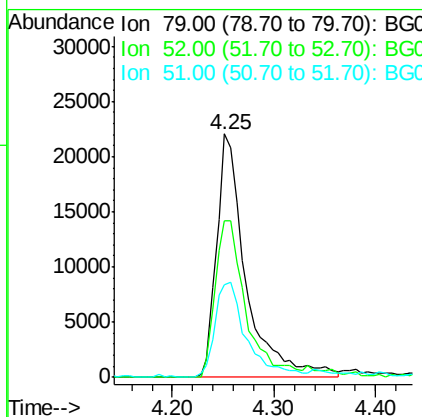
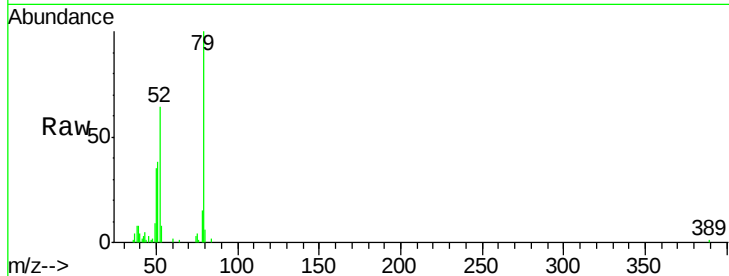
RO-154MS

Tot Ion:	79	Resp:	44598
Ion	Ratio	Lower	Upper
79	100		
52	64.1	69.9	104.9#
51	37.8	34.0	51.0

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 45.872 ng

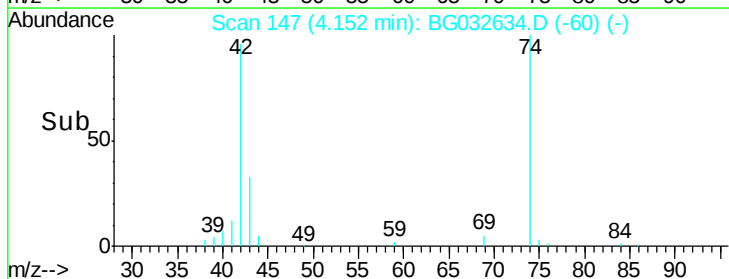
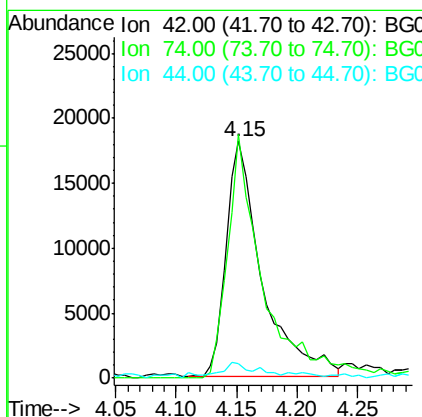
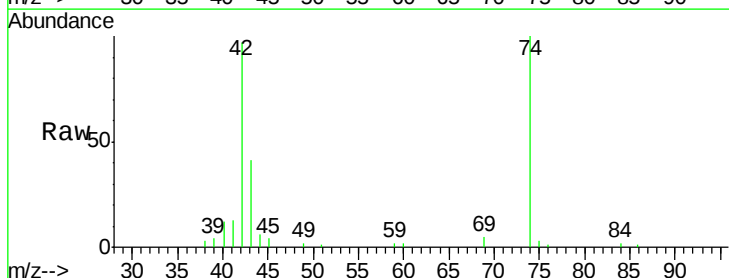
RT: 4.15 min Scan# 147

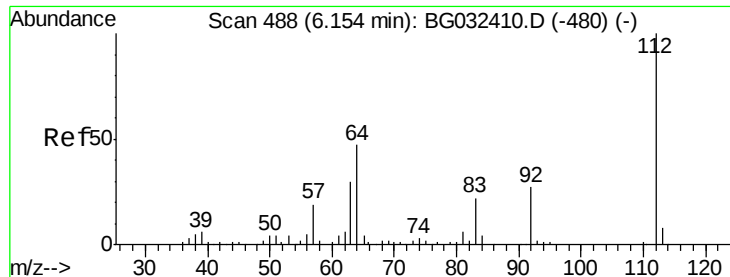
Delta R.T. -0.02 min

Lab File: BG032634.D

Acq: 9 Feb 2018 17:04

Tgt Ion:	42	Resp:	37016
Ion	Ratio	Lower	Upper
42	100		
74	102.9	102.5	153.7
44	6.0	18.9	28.3#





#5

2-Fluorophenol

Concen: 146.060 ng

RT: 6.13 min Scan# 483

Delta R.T. -0.02 min

Lab File: BG032634.D

Acq: 9 Feb 2018 17:04

Instrument :

BNA_G

ClientSampled :

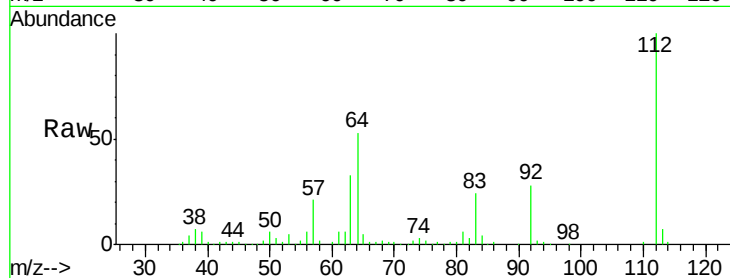
RO-154MS

Tot Ion:	112	Resp:	249222
Ion Ratio	Lower	Upper	
112	100		
64	53.3	56.3	84.5#
63	33.4	30.1	45.1

Manual Integrations
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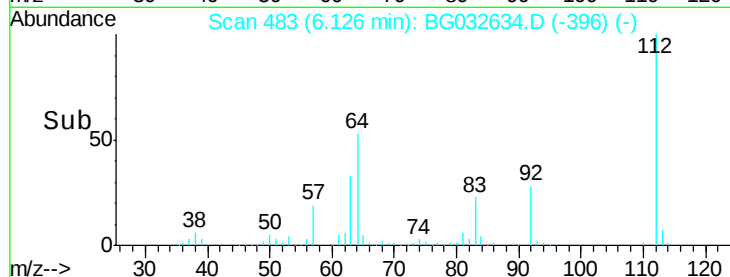


Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

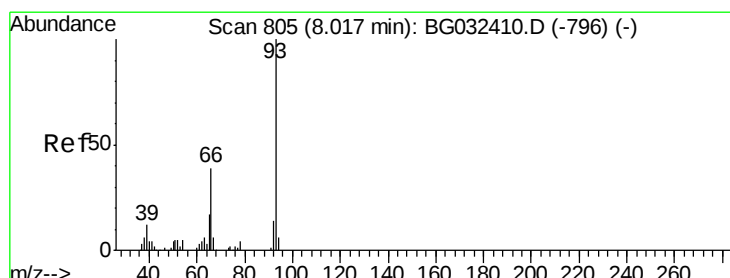
Ion 63.00 (62.70 to 63.70): BGC

Time-->



Abundance

Time-->



#6

Aniline

Concen: 9.285 ng

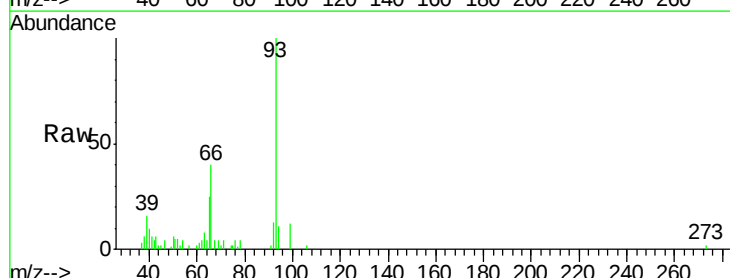
RT: 7.99 min Scan# 800

Delta R.T. -0.02 min

Lab File: BG032634.D

Acq: 9 Feb 2018 17:04

Tgt Ion:	93	Resp:	26358
Ion Ratio	Lower	Upper	
93	100		
66	40.3	33.7	50.5
65	24.8	16.1	24.1#

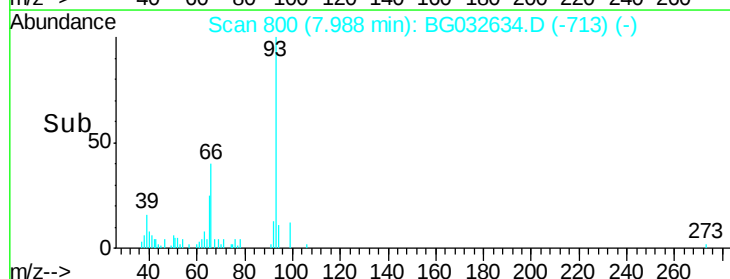


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

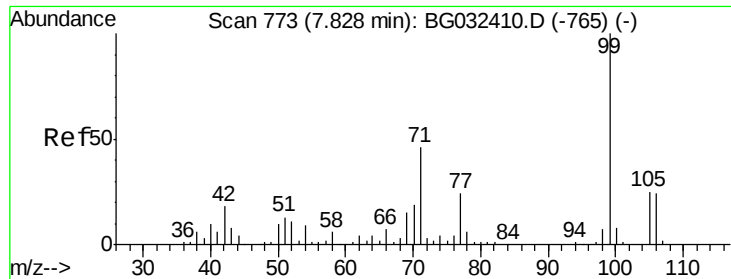
Ion 65.00 (64.70 to 65.70): BGC

Time-->



Abundance

Time-->



#7

Phenol-d6

Concen: 135.737 ng

RT: 7.81 min Scan# 769

Delta R.T. -0.02 min

Lab File: BG032634.D

Acq: 9 Feb 2018 17:04

Instrument :

BNA_G

ClientSampled :

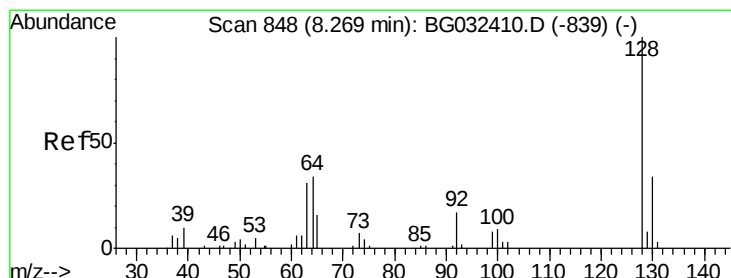
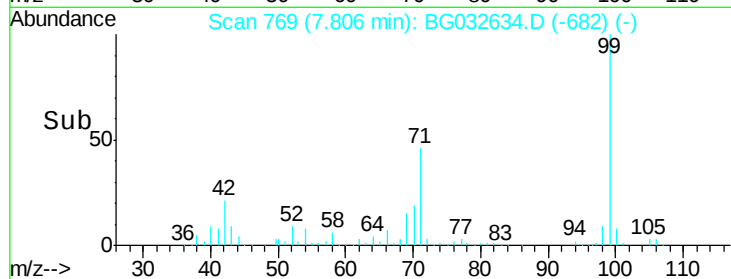
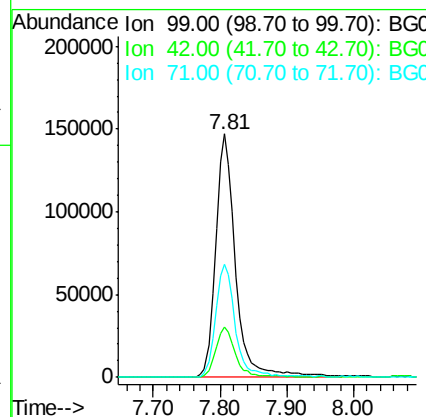
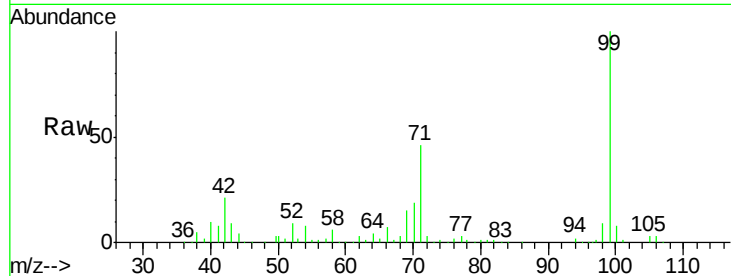
RO-154MS

Tot Ion:	99	Resp:	309061
Ion Ratio	Lower	Upper	
99	100		
42	20.6	14.1	21.1
71	46.4	26.1	39.1#

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#8

2-Chlorophenol

Concen: 49.799 ng

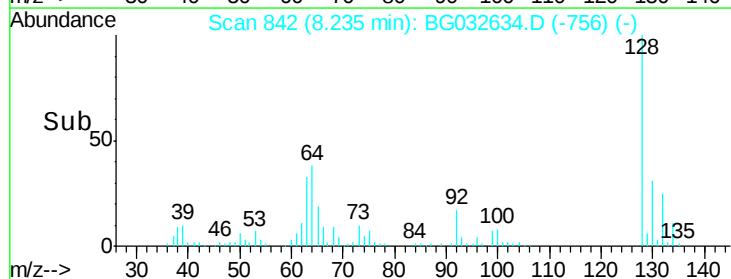
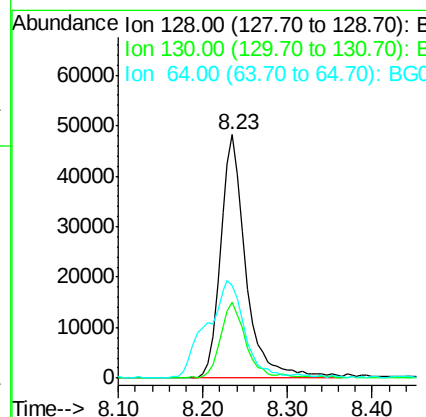
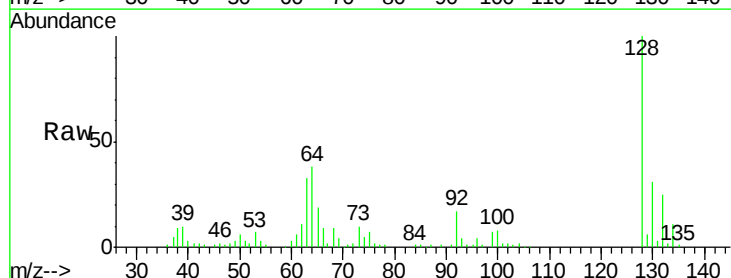
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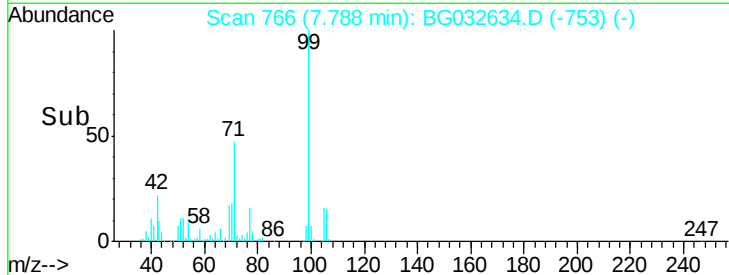
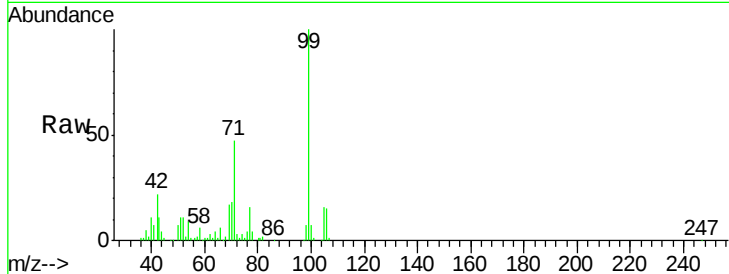
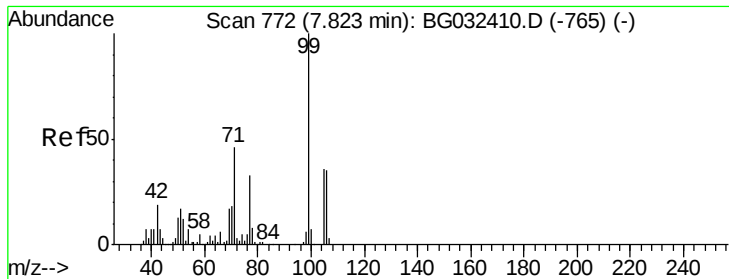
Delta R.T. -0.02 min

Lab File: BG032634.D

Acq: 9 Feb 2018 17:04

Tgt Ion:	128	Resp:	100442
Ion Ratio	Lower	Upper	
128	100		
130	31.5	14.0	54.0
64	38.2	37.7	77.7





#9

Benzaldehyde

Concen: 17.413 ng

RT: 7.79 min Scan# 766

Delta R.T. -0.02 min

Lab File: BG032634.D

Acq: 9 Feb 2018 17:04

Tot Ion:	77	Resp:	20478
Ion	Ratio	Lower	Upper
77	100		
105	100.1	71.3	111.3
106	96.4	64.2	104.2

Instrument :

BNA_G

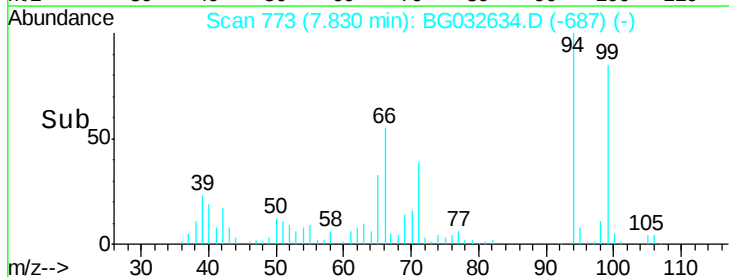
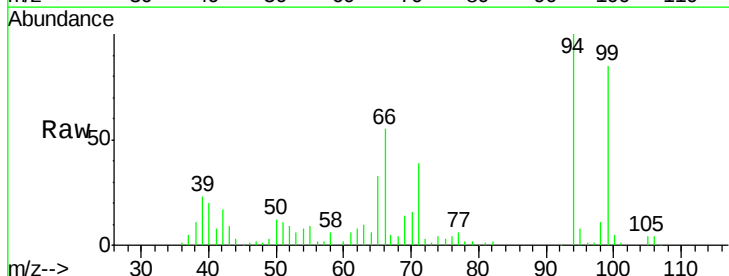
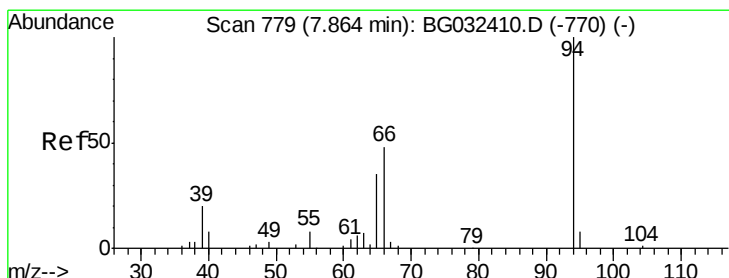
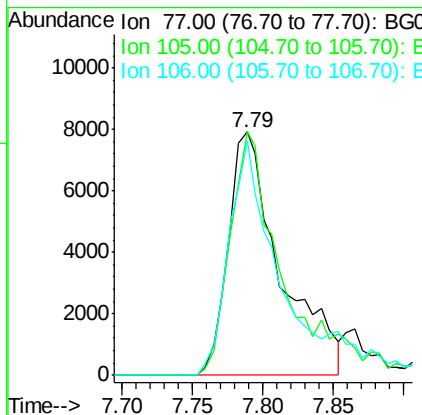
ClientSampled :

RO-154MS

Manual Integrations
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#10

Phenol

Concen: 44.917 ng

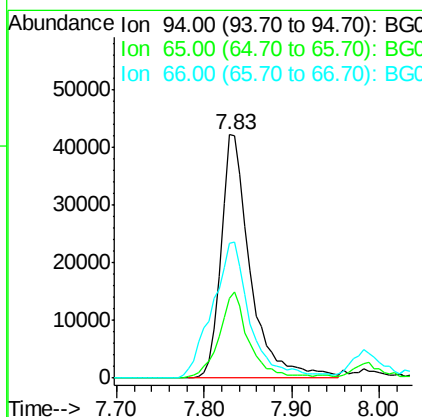
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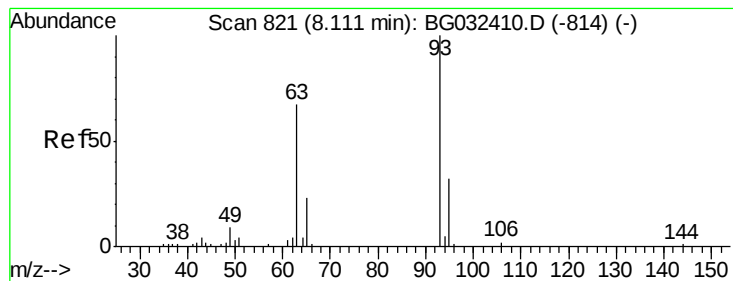
Delta R.T. -0.02 min

Lab File: BG032634.D

Acq: 9 Feb 2018 17:04

Tgt Ion:	94	Resp:	97123
Ion	Ratio	Lower	Upper
94	100		
65	32.8	11.9	51.9
66	55.5	22.2	62.2





#11
bis(2-Chloroethyl)ether
Concen: 44.203 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.03 min
Lab File: BG032634.D
Acq: 9 Feb 2018 17:04

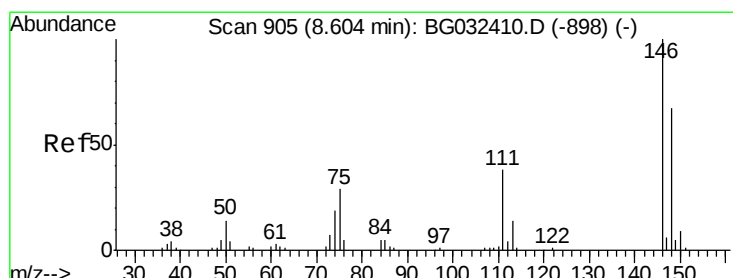
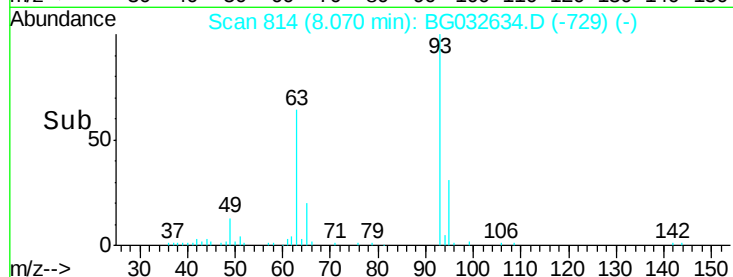
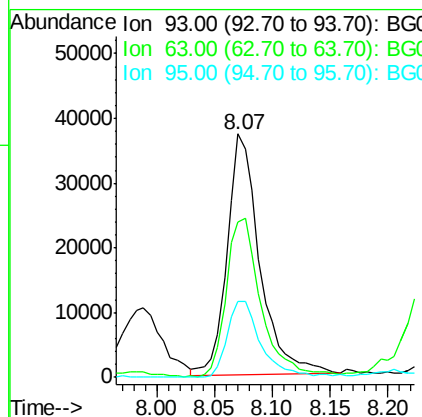
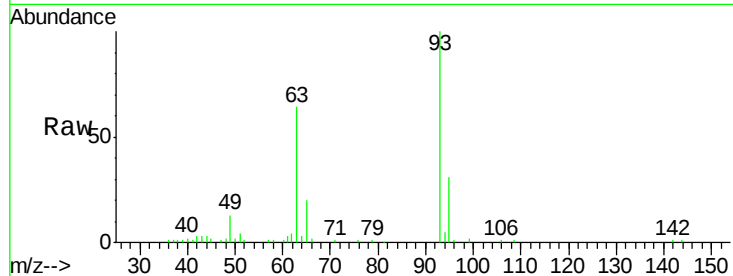
Instrument :
BNA_G
ClientSampleId :
RO-154MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	63.6	67.1	107.1#
95	31.3	11.5	51.5

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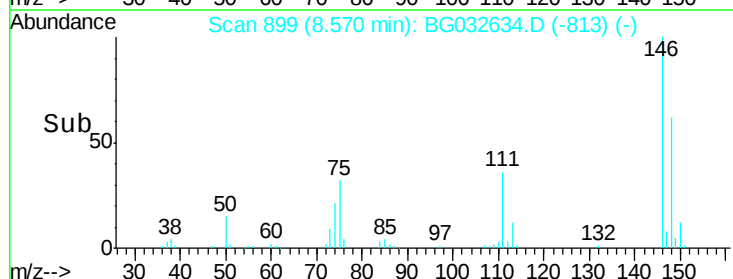
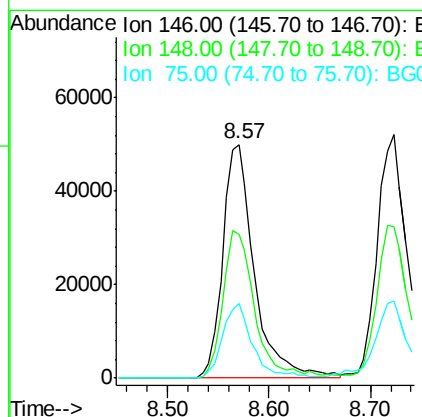
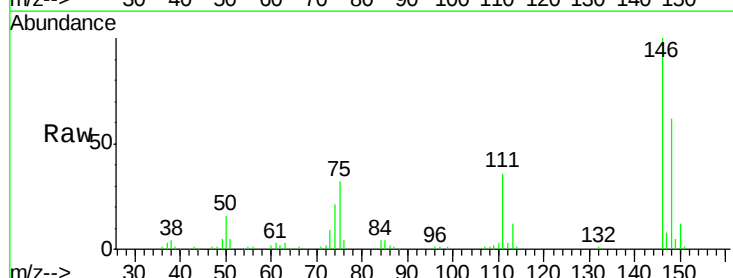
Sohil

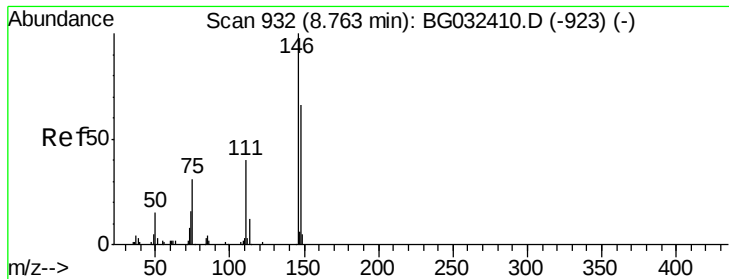
2/13/2018 11:29:45 AM



#12
1,3-Dichlorobenzene
Concen: 39.528 ng
RT: 8.57 min Scan# 899
Delta R.T. -0.02 min
Lab File: BG032634.D
Acq: 9 Feb 2018 17:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.6	51.4	77.2
75	32.1	26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 40.647 ng

RT: 8.72 min Scan# 925

Delta R.T. -0.02 min

Lab File: BG032634.D

Acq: 9 Feb 2018 17:04

Tot Ion:	146	Resp:	111125
Ion Ratio	Lower	Upper	
146	100		
148	62.2	53.7	80.5
111	38.6	35.2	52.8

Instrument :

BNA_G

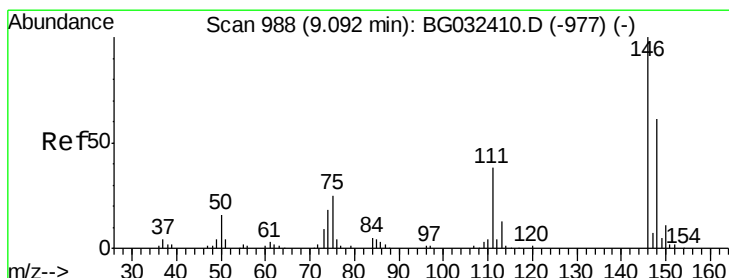
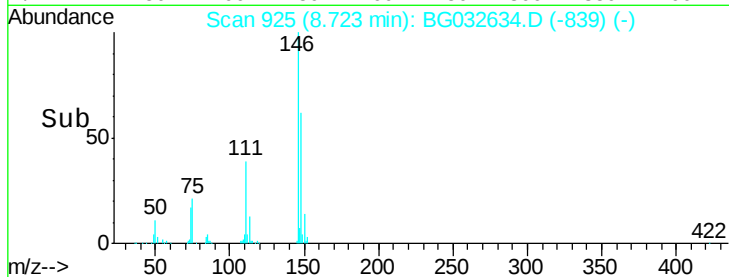
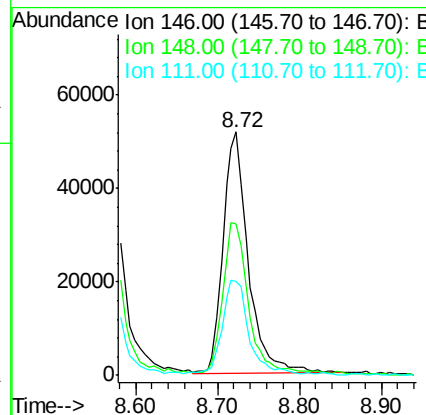
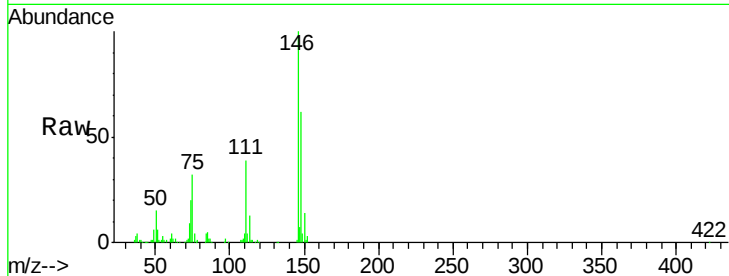
ClientSampleId :

RO-154MS

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Sohil

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#14

1,2-Dichlorobenzene

Concen: 40.386 ng

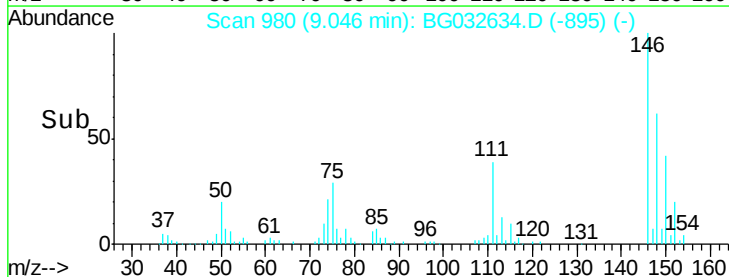
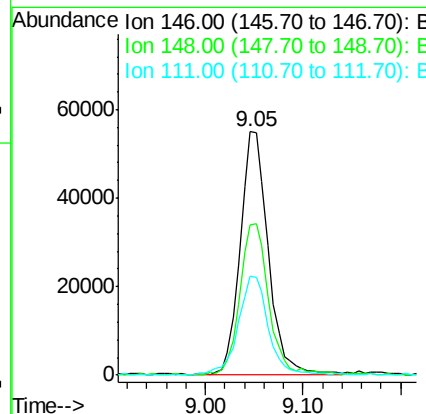
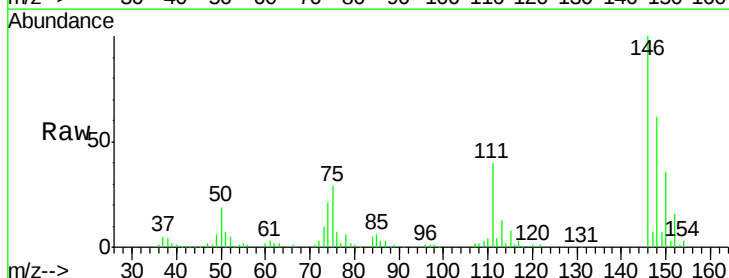
RT: 9.05 min Scan# 980

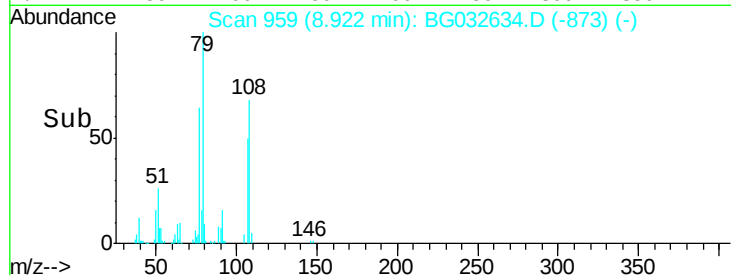
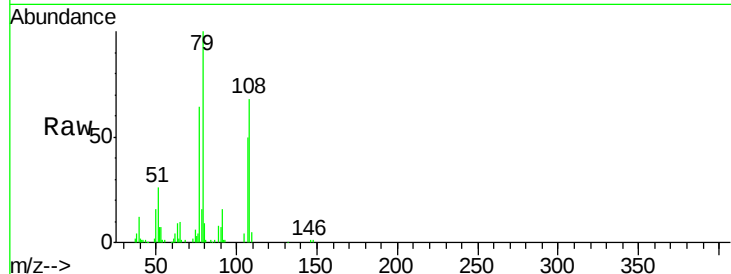
Delta R.T. -0.03 min

Lab File: BG032634.D

Acq: 9 Feb 2018 17:04

Tgt Ion:	146	Resp:	108160
Ion Ratio	Lower	Upper	
146	100		
148	61.7	49.3	73.9
111	40.5	34.3	51.5





#15
Benzyl Alcohol
Concen: 45.079 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.02 min
Lab File: BG032634.D
Acq: 9 Feb 2018 17:04

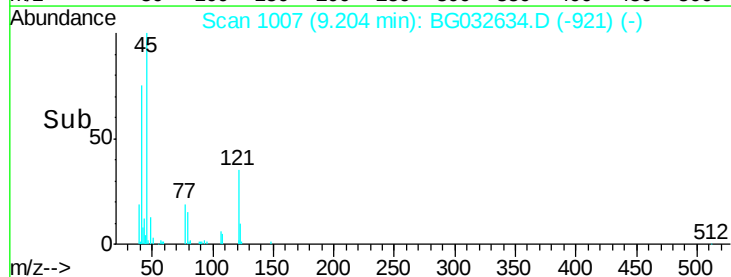
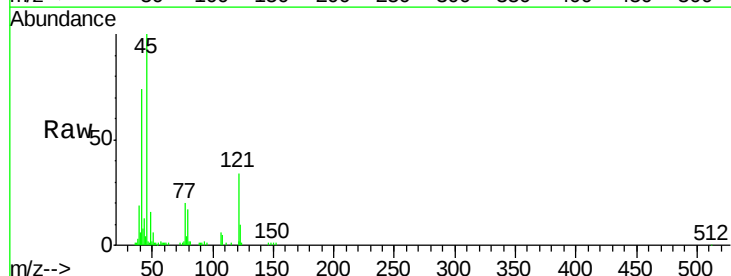
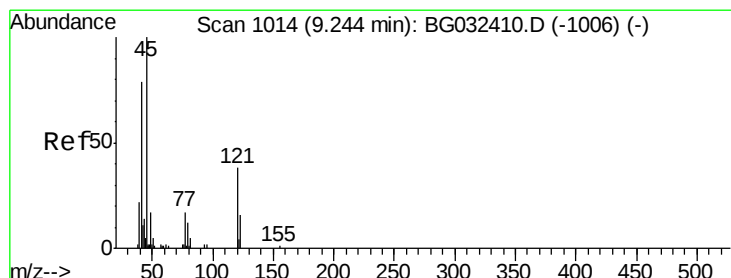
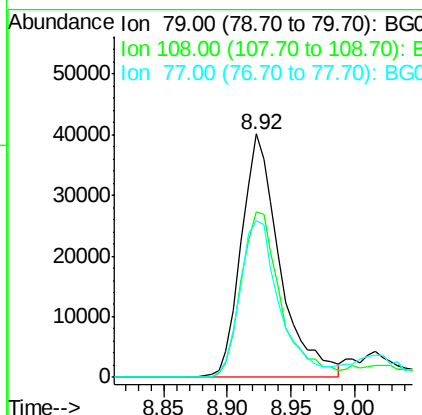
Tot Ion	Ratio	Lower	Upper
79	100		
108	67.8	57.2	85.8
77	64.2	46.1	69.1

Instrument :
BNA_G
ClientSampled :
RO-154MS

Manual Integrations
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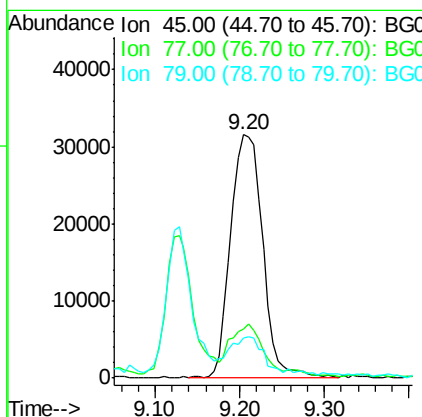
Sohil

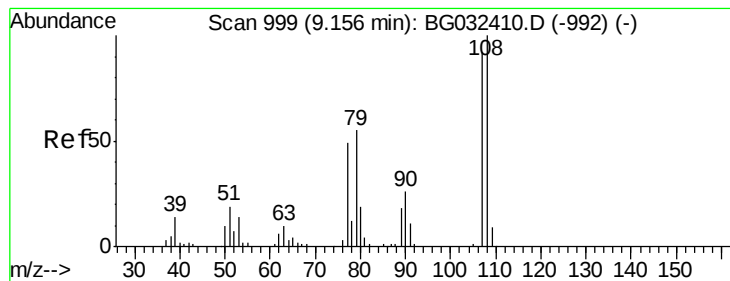
2/13/2018 11:29:45 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 53.222 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BG032634.D
Acq: 9 Feb 2018 17:04

Tgt Ion	Ratio	Lower	Upper
45	100		
77	20.2	0.0	30.2
79	16.6	0.0	27.9





#17
2-Methylphenol
Concen: 42.169 ng
RT: 9.13 min Scan# 994
Delta R.T. -0.02 min
Lab File: BG032634.D
Acq: 9 Feb 2018 17:04

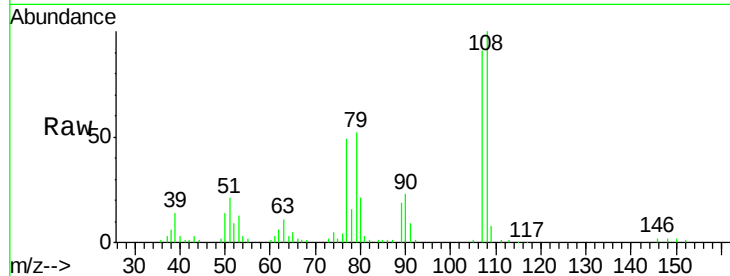
Instrument :
BNA_G
ClientSampleId :
RO-154MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.8	83.9	125.9	
77	54.0	37.2	55.8	
79	57.1	36.2	54.2	#

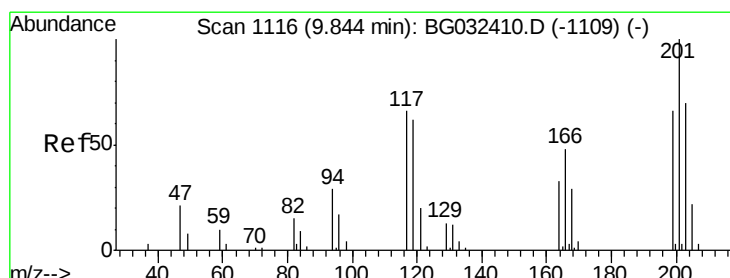
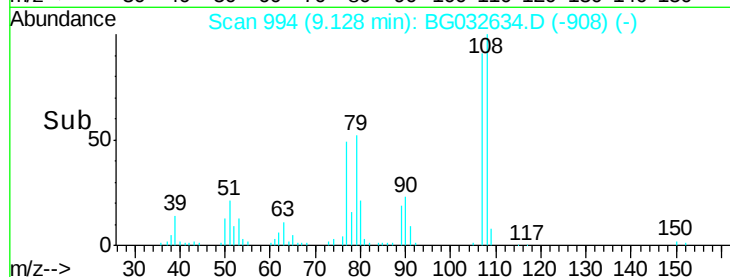
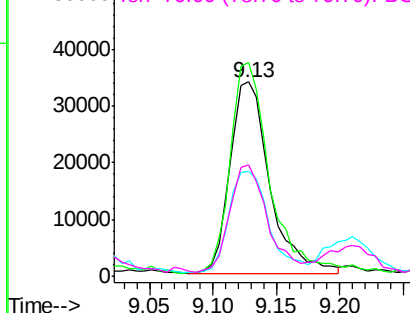
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Sohil

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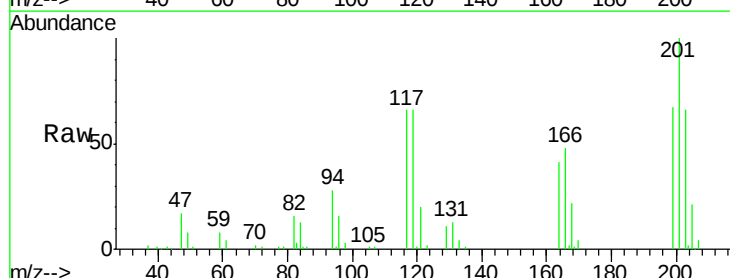


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

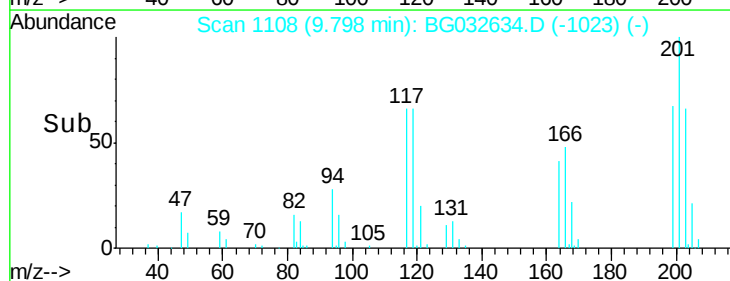
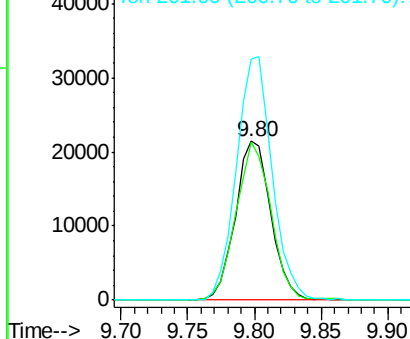


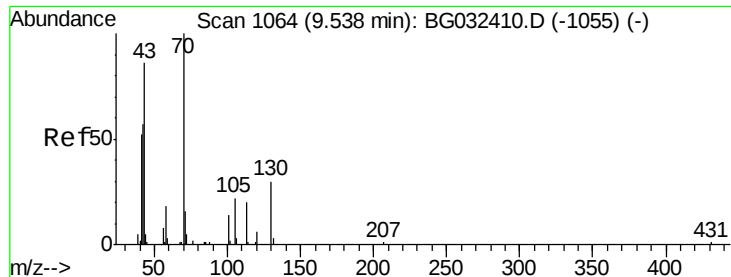
#18
Hexachloroethane
Concen: 42.991 ng
RT: 9.80 min Scan# 1108
Delta R.T. -0.03 min
Lab File: BG032634.D
Acq: 9 Feb 2018 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.3	76.7	115.1	
201	151.4	95.7	143.5	#



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





#19
n-Nitroso-di-n-propylamine
Concen: 47.561 ng
RT: 9.50 min Scan# 1057
Delta R.T. -0.02 min
Lab File: BG032634.D
Acq: 9 Feb 2018 17:04

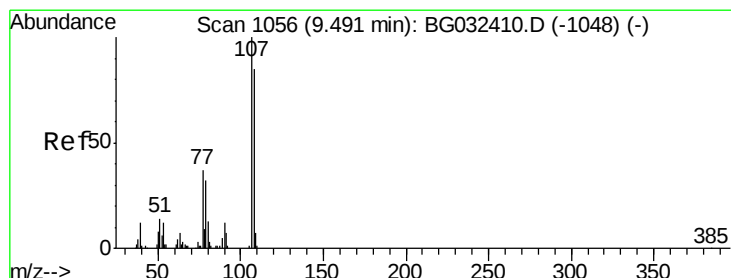
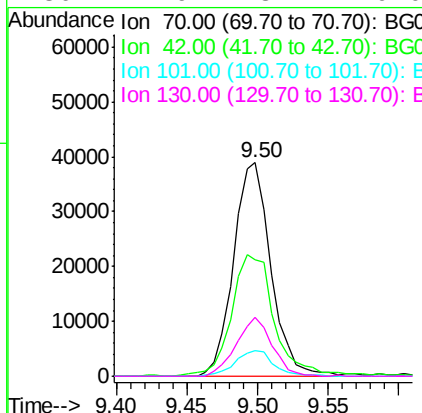
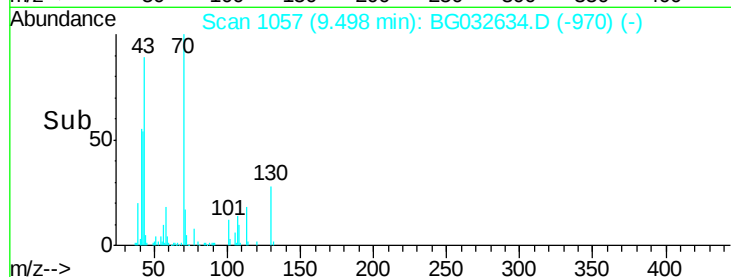
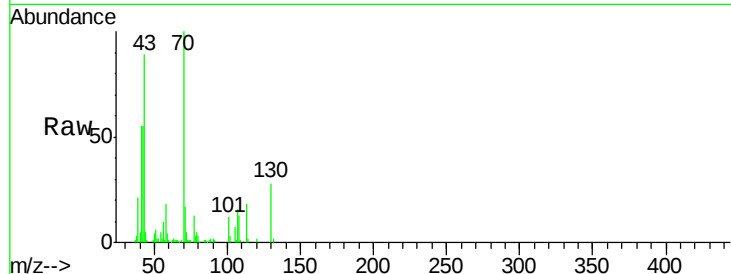
Instrument :
BNA_G
ClientSampleId :
RO-154MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	54.6	49.1	73.7
101	11.7	8.5	12.7
130	27.9	13.4	20.0#

Manual Integrations
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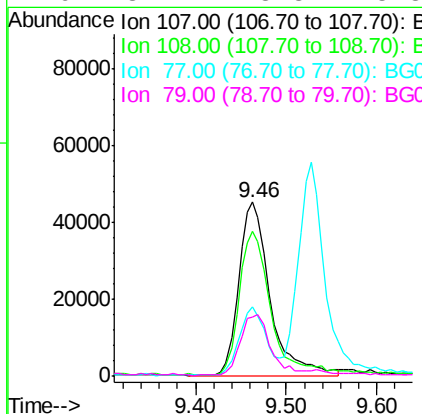
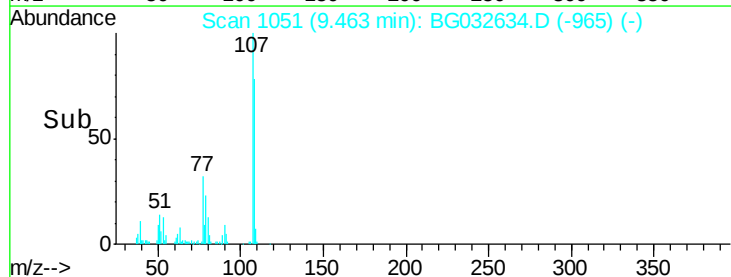
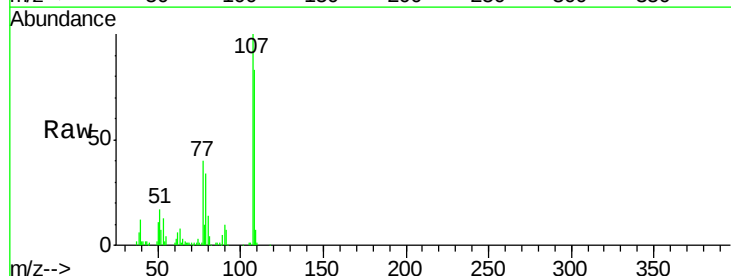
Sohil

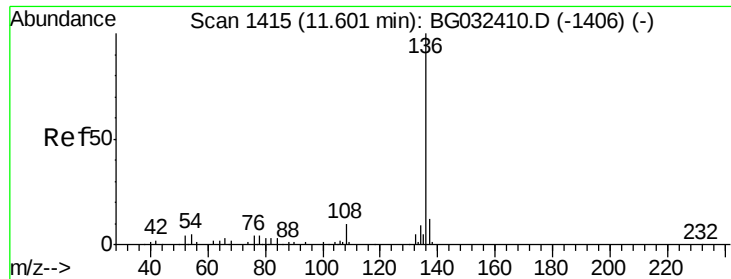
2/13/2018 11:29:45 AM



#20
3+4-Methylphenols
Concen: 44.544 ng
RT: 9.46 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BG032634.D
Acq: 9 Feb 2018 17:04

Tgt Ion	Ratio	Lower	Upper
107	100		
108	83.1	61.6	101.6
77	40.0	13.9	53.9
79	34.2	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: BG032634.D
Acq: 9 Feb 2018 17:04

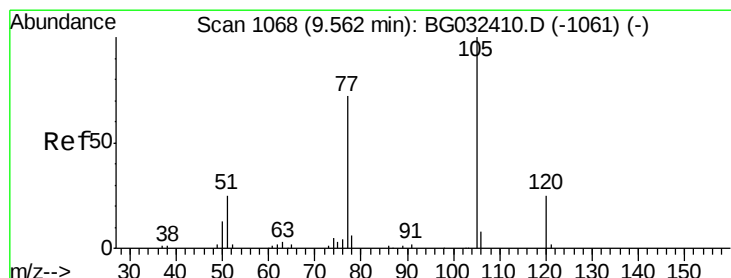
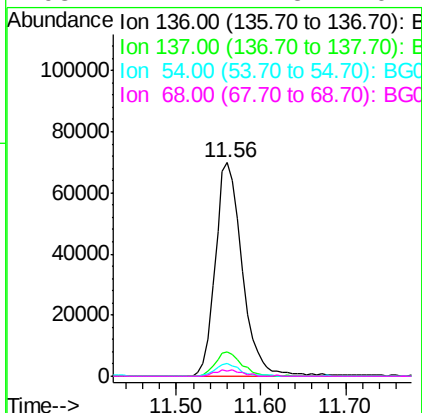
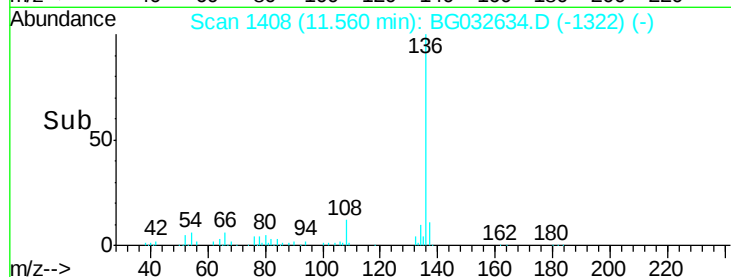
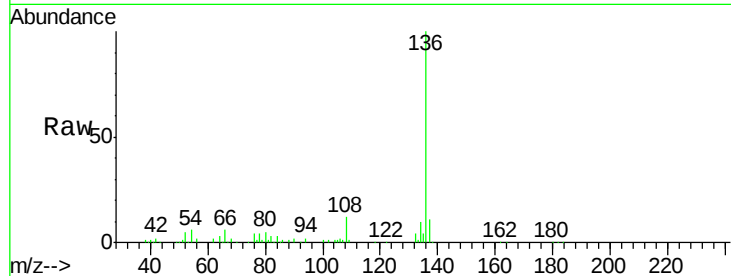
Instrument :
BNA_G
ClientSampleId :
RO-154MS

Tot Ion:	136	Resp:	155745
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.2	13.8
54	5.9	10.3	15.5#
68	2.4	4.5	6.7#

Manual Integrations
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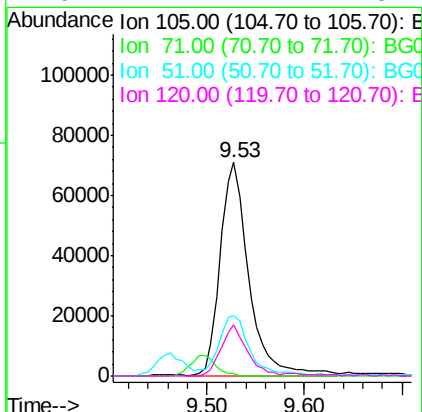
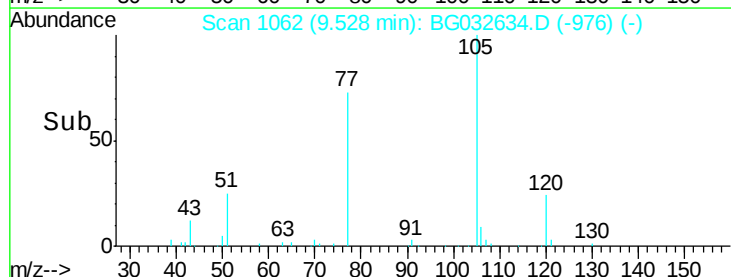
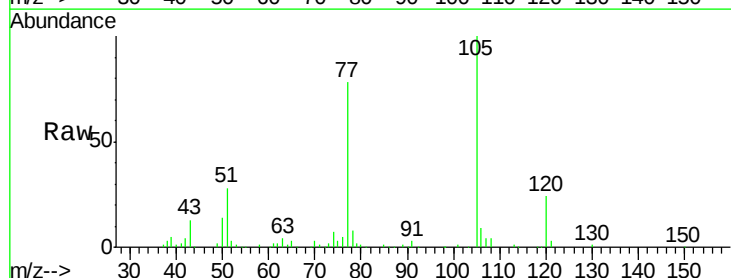
Sohil

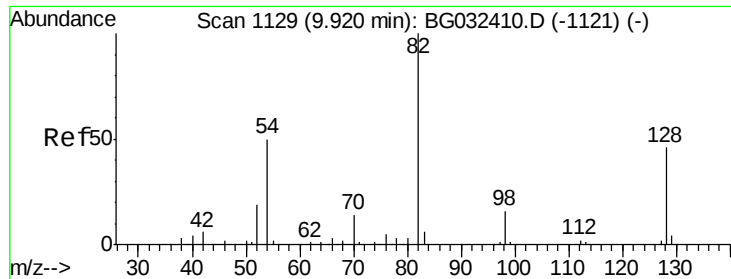
2/13/2018 11:29:45 AM



#22
Acetophenone
Concen: 39.448 ng
RT: 9.53 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG032634.D
Acq: 9 Feb 2018 17:04

Tgt Ion:	105	Resp:	144018
Ion Ratio	Lower	Upper	
105	100		
71	1.2	3.0	4.4#
51	27.9	26.1	39.1
120	24.2	17.4	26.2





#23
 Nitrobenzene-d5
 Concen: 93.251 ng
 RT: 9.88 min Scan# 1122
 Delta R.T. -0.03 min
 Lab File: BG032634.D
 Acq: 9 Feb 2018 17:04

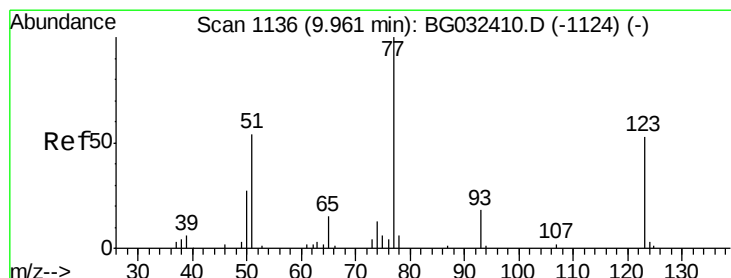
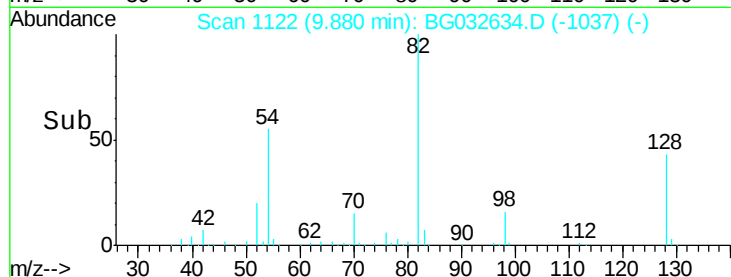
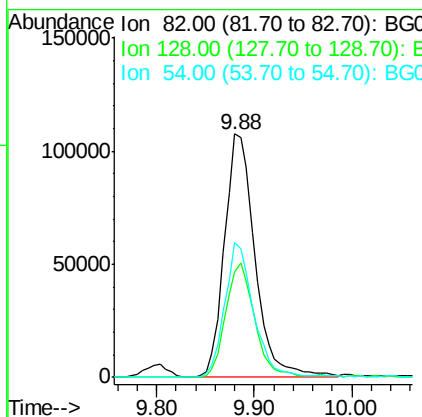
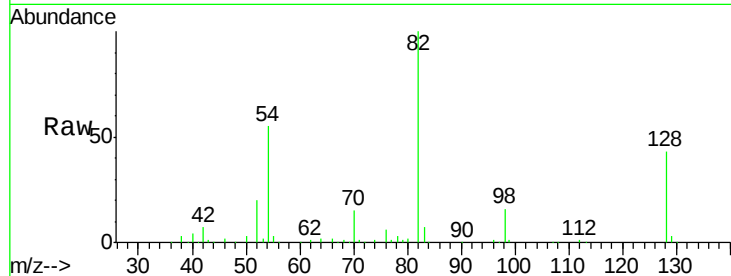
Instrument :
 BNA_G
 ClientSampleId :
 RO-154MS

Tot Ion:	82	Resp:	232520
Ion Ratio	Lower	Upper	
82	100		
128	43.3	29.7	44.5
54	55.3	43.1	64.7

Manual Integrations
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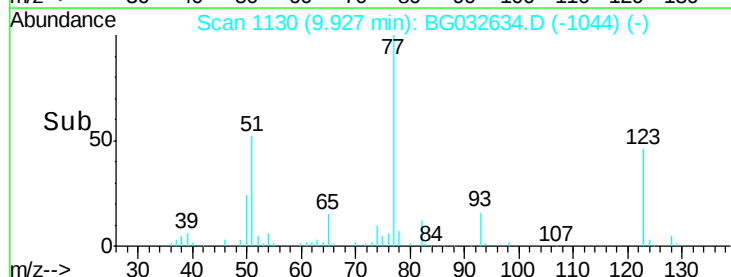
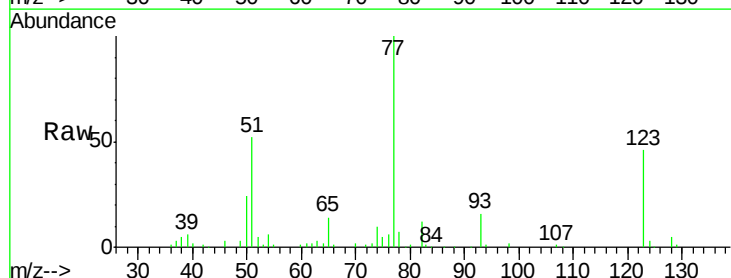
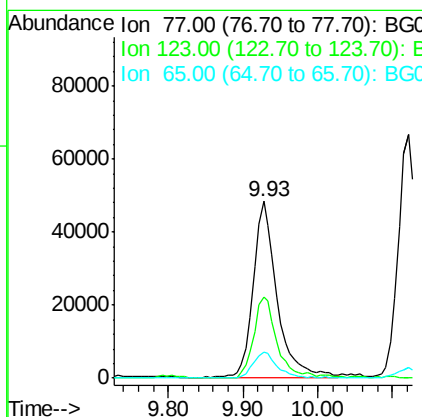
Sohil

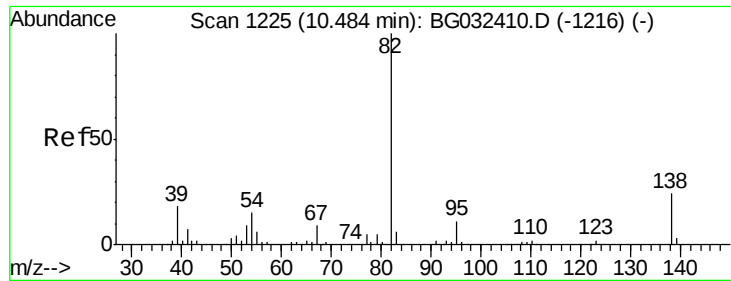
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#24
 Nitrobenzene
 Concen: 44.272 ng
 RT: 9.93 min Scan# 1130
 Delta R.T. -0.02 min
 Lab File: BG032634.D
 Acq: 9 Feb 2018 17:04

Tgt Ion:	77	Resp:	106747
Ion Ratio	Lower	Upper	
77	100		
123	45.8	33.0	49.6
65	14.5	13.0	19.6





#25
Isophorone
Concen: 50.234 ng
RT: 10.44 min Scan# 1218
Delta R.T. -0.02 min
Lab File: BG032634.D
Acq: 9 Feb 2018 17:04

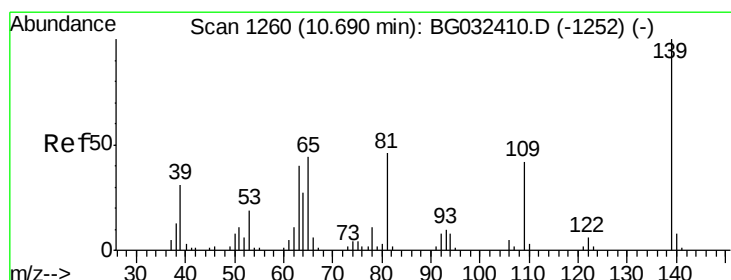
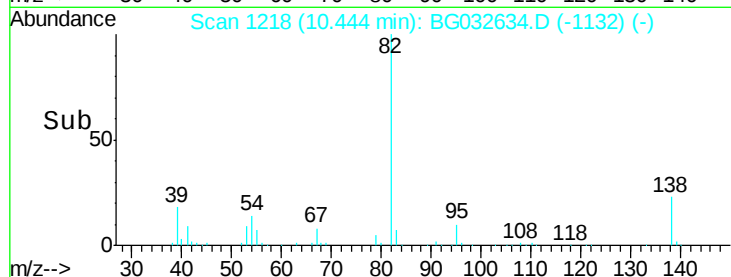
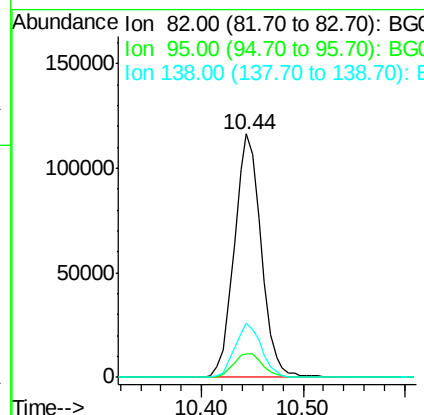
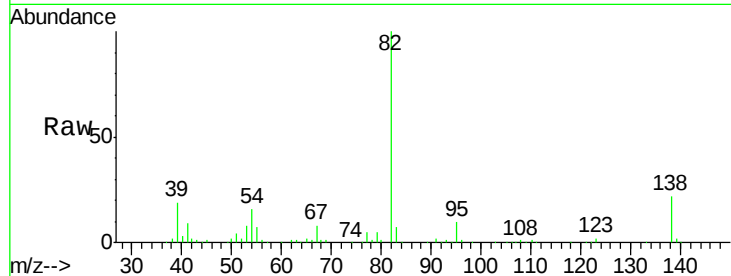
Instrument :
BNA_G
ClientSampleId :
RO-154MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
82	100				
95	9.8	6.2	9.2#		
138	22.2	12.1	18.1#		

Manual Integrations
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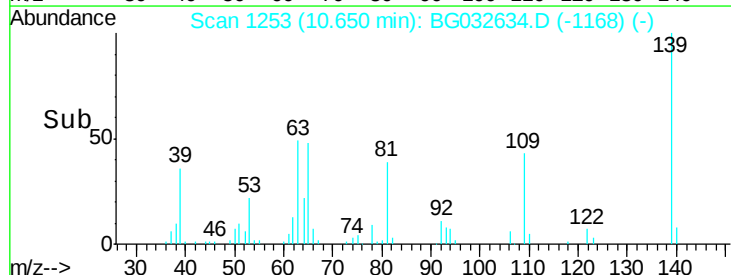
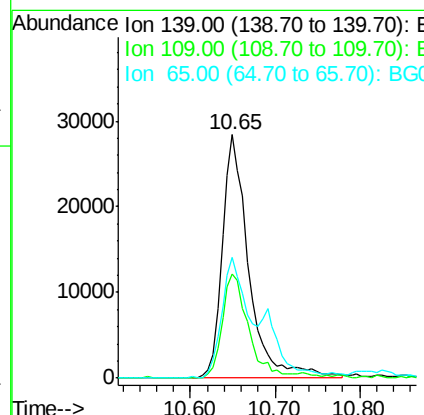
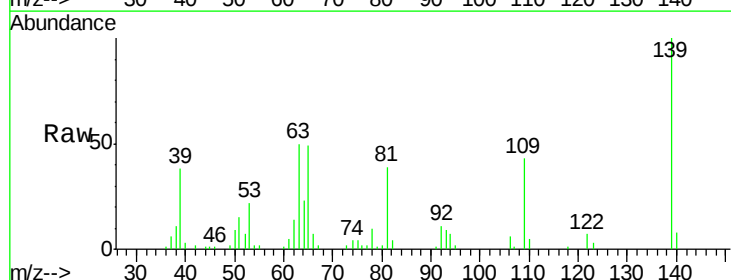
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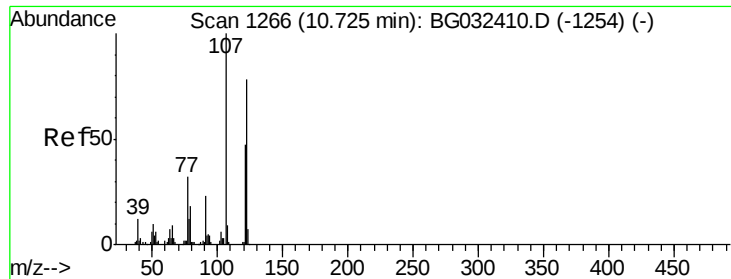
2/13/2018 11:29:45 AM



#26
2-Nitrophenol
Concen: 42.467 ng
RT: 10.65 min Scan# 1253
Delta R.T. -0.03 min
Lab File: BG032634.D
Acq: 9 Feb 2018 17:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
139	100				
109	42.7	24.2	36.2#		
65	49.4	47.4	71.0		





#27
2,4-Dimethylphenol
Concen: 48.246 ng
RT: 10.69 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BG032634.D
Acq: 9 Feb 2018 17:04

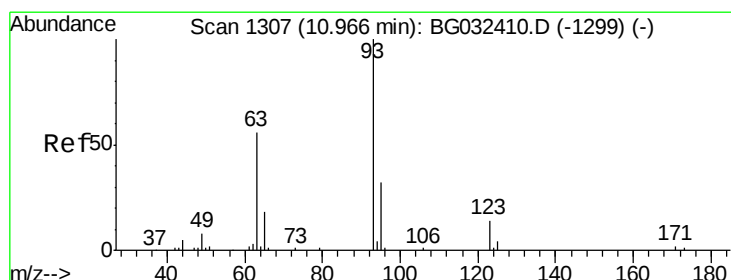
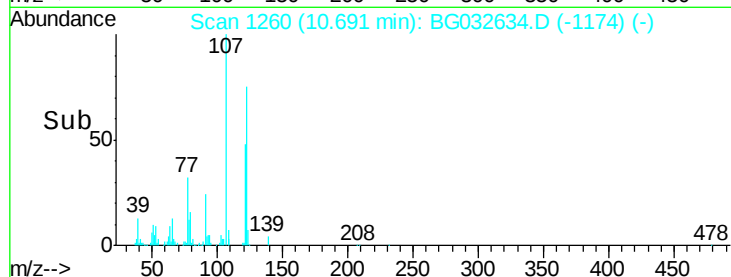
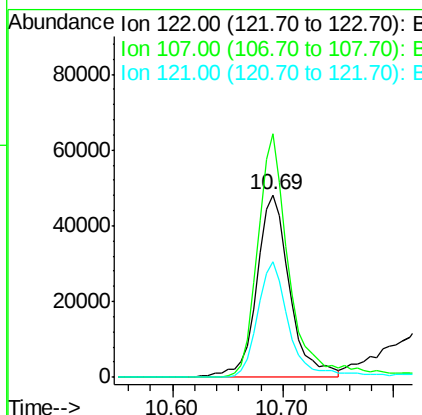
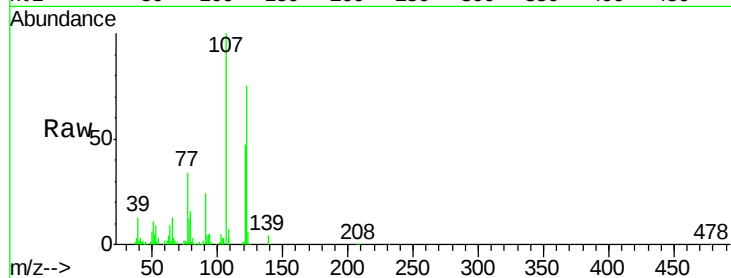
Instrument :
BNA_G
ClientSampleId :
RO-154MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	133.6	100.2	150.2
121	63.4	44.4	66.6

Manual Integrations
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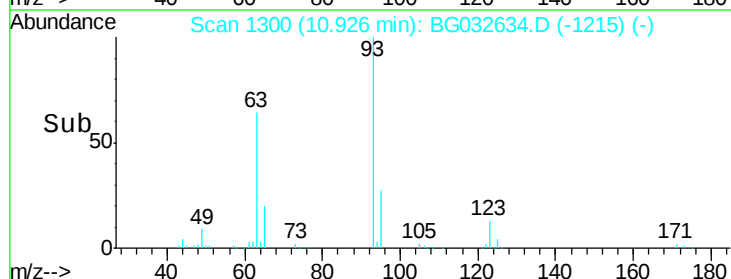
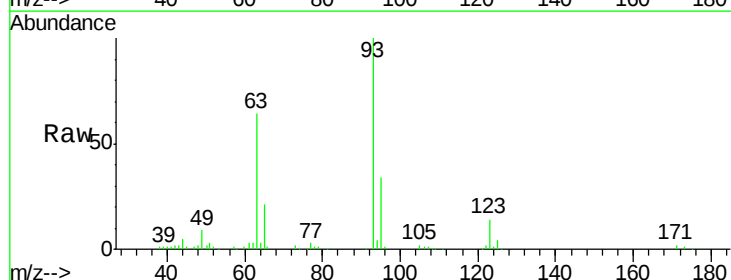
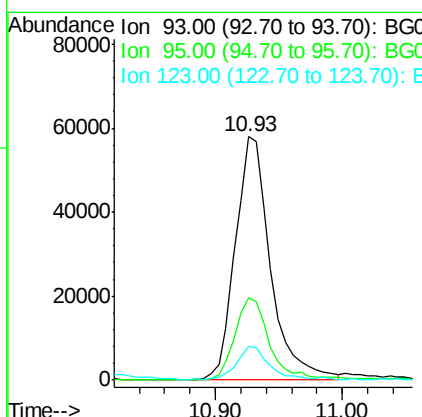
Sohil

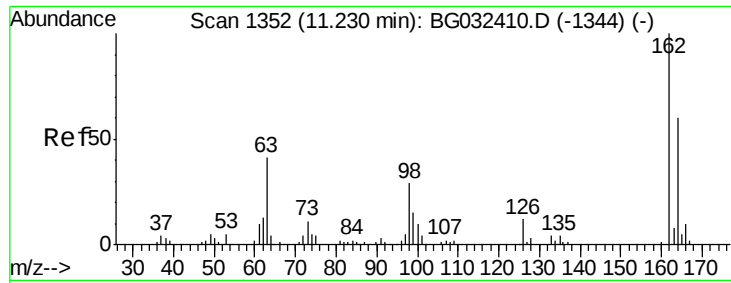
2/13/2018 11:29:45 AM



#28
bis(2-Chloroethoxy)methane
Concen: 47.877 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.03 min
Lab File: BG032634.D
Acq: 9 Feb 2018 17:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.0	24.3	36.5
123	13.9	8.4	12.6#





#29
2,4-Dichlorophenol
Concen: 47.667 ng
RT: 11.20 min Scan# 1346
Delta R.T. -0.02 min
Lab File: BG032634.D
Acq: 9 Feb 2018 17:04

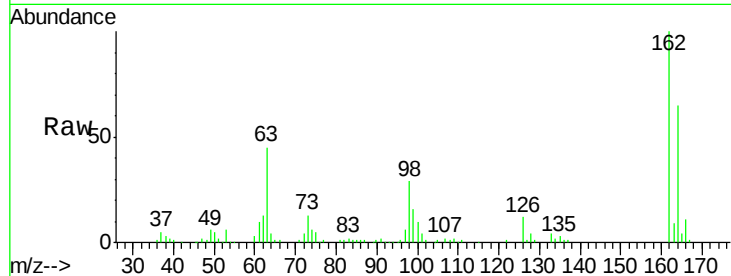
Instrument :
BNA_G
ClientSampleId :
RO-154MS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.5	48.0	88.0
98	28.8	21.1	61.1

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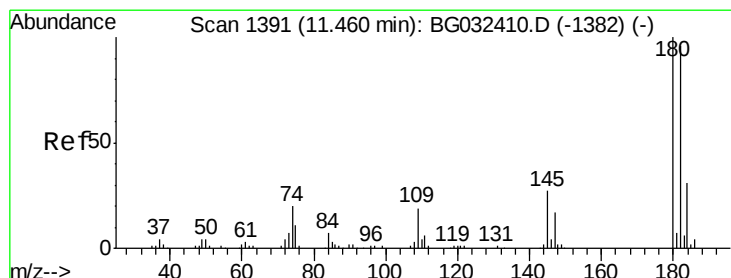
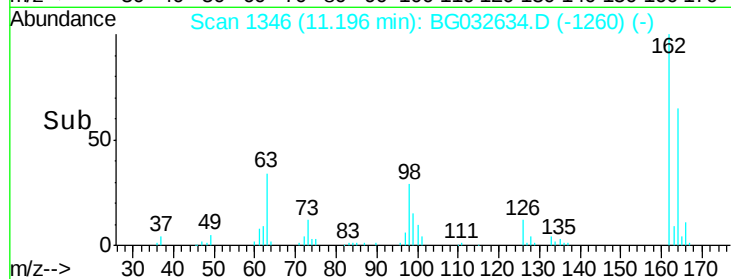
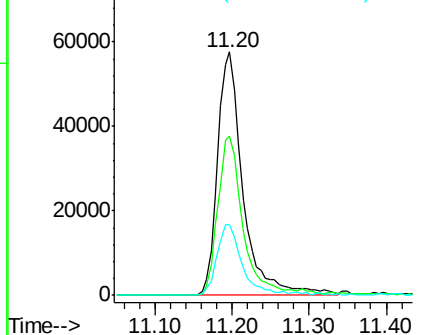


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
1,2,4-Trichlorobenzene
Concen: 39.198 ng
RT: 11.41 min Scan# 1383
Delta R.T. -0.03 min
Lab File: BG032634.D
Acq: 9 Feb 2018 17:04

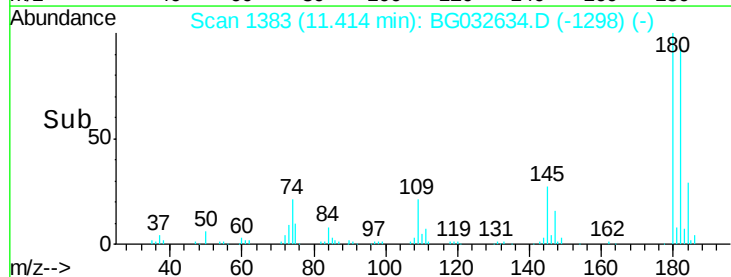
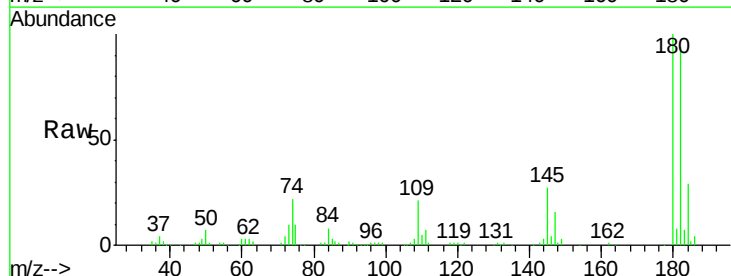
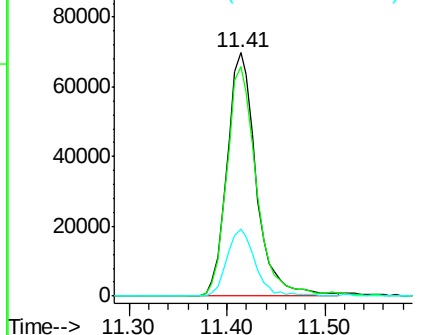
Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.2	77.5	116.3
145	27.5	23.4	35.2

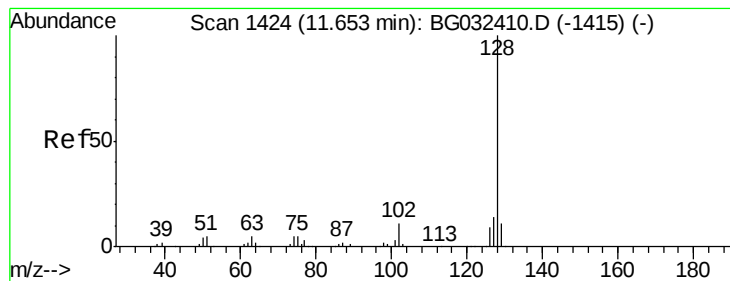
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.974 ng

RT: 11.61 min Scan# 1417

Delta R.T. -0.02 min

Lab File: BG032634.D

Acq: 9 Feb 2018 17:04

Instrument :

BNA_G

ClientSampleId :

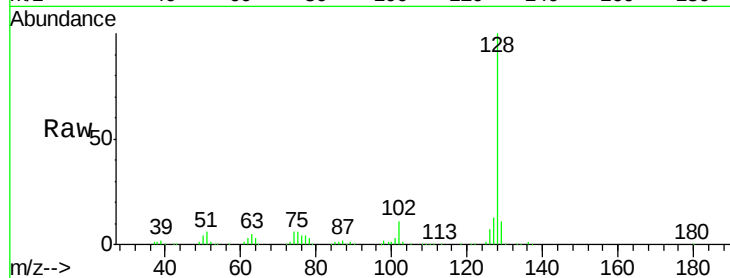
RO-154MS

Tot Ion:	128	Resp:	319283
Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.6	12.8
127	13.0	11.6	17.4

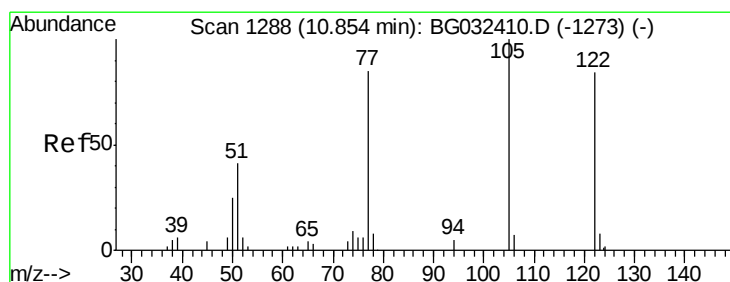
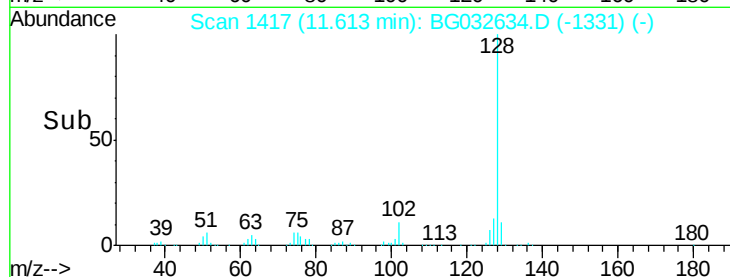
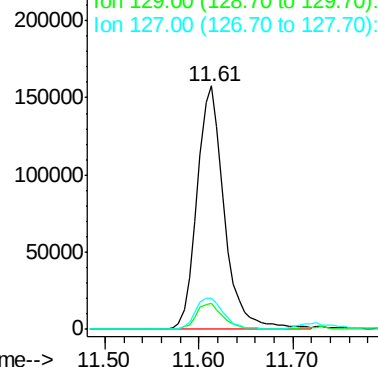
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 34.592 ng

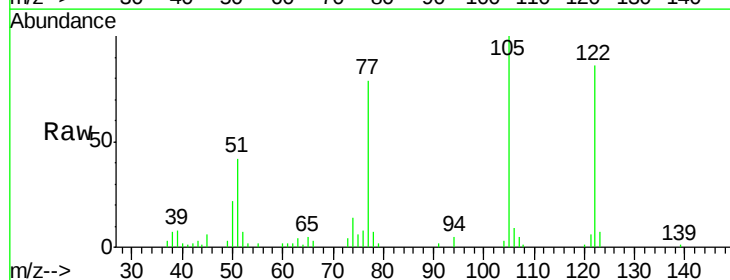
RT: 10.83 min Scan# 1284

Delta R.T. -0.02 min

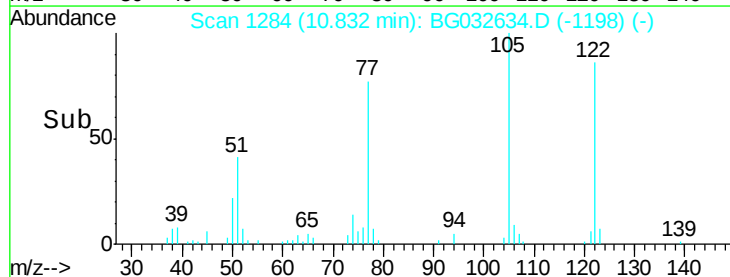
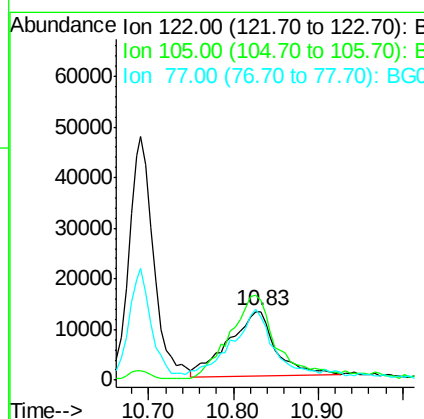
Lab File: BG032634.D

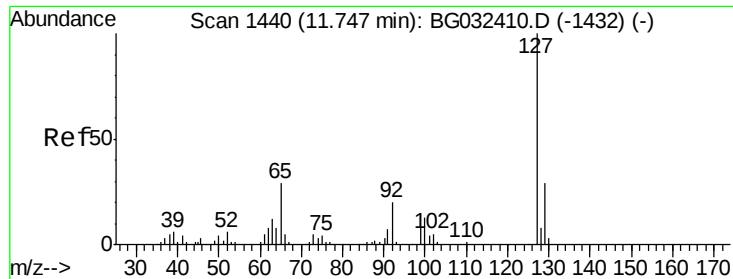
Acq: 9 Feb 2018 17:04

Tgt Ion:	122	Resp:	50243
Ion	Ratio	Lower	Upper
122	100		
105	115.8	123.5	163.5#
77	91.4	85.7	125.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG





#33
4-Chloroaniline
Concen: 3.385 ng
RT: 11.73 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BG032634.D
Acq: 9 Feb 2018 17:04

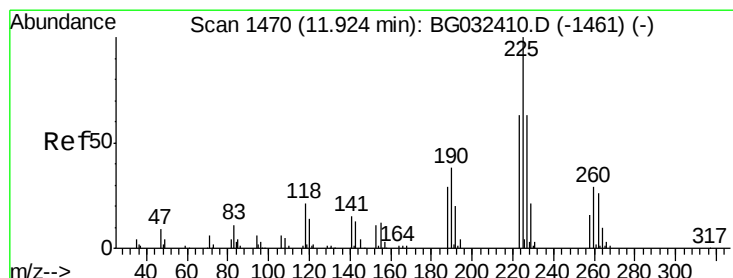
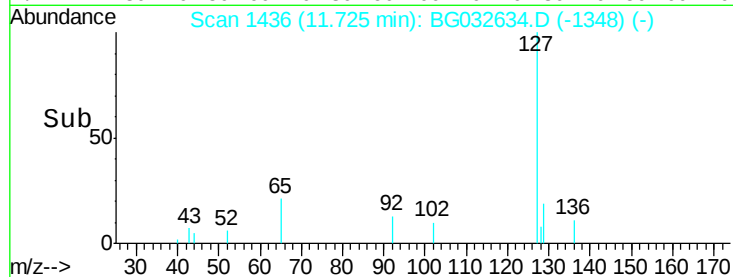
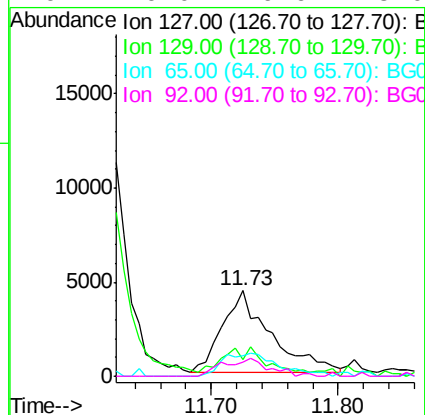
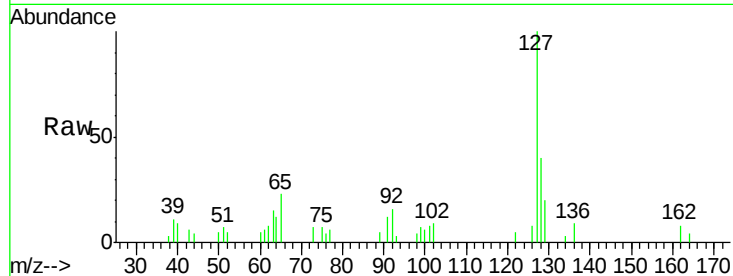
Instrument :
BNA_G
ClientSampleId :
RO-154MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		11484		
129	19.8	24.0	36.0#		
65	23.4	27.0	40.4#		
92	16.0	16.6	25.0#		

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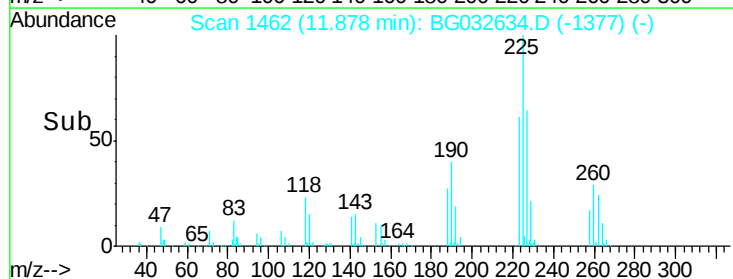
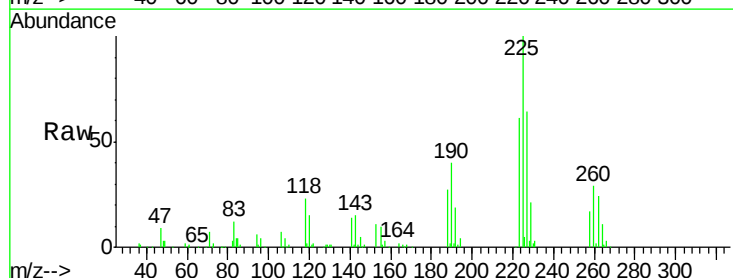
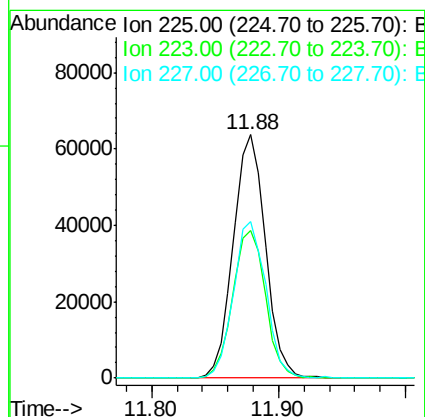
Sohil

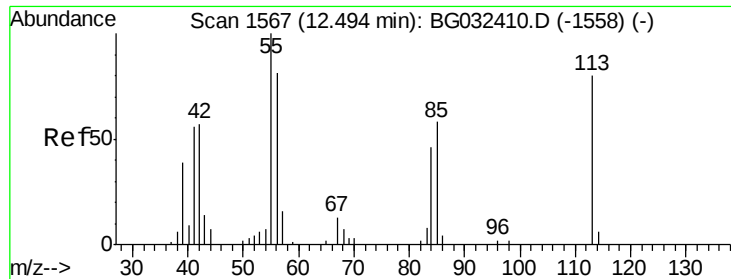
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#34
Hexachlorobutadiene
Concen: 38.865 ng
RT: 11.88 min Scan# 1462
Delta R.T. -0.03 min
Lab File: BG032634.D
Acq: 9 Feb 2018 17:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		111690		
223	60.7	49.7	74.5		
227	64.3	48.1	72.1		





#35

Caprolactam

Concen: 33.978 ng

RT: 12.47 min Scan# 1562

Delta R.T. -0.02 min

Lab File: BG032634.D

Acq: 9 Feb 2018 17:04

Instrument :

BNA_G

ClientSampleId :

RO-154MS

Tot Ion:113 Resp: 27032

Ion Ratio Lower Upper

113 100

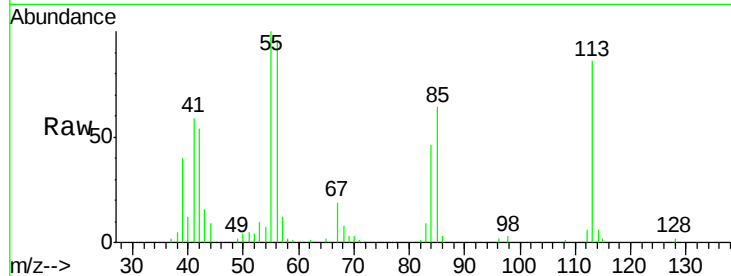
55 115.9 186.9 226.9#

56 110.7 130.9 170.9#

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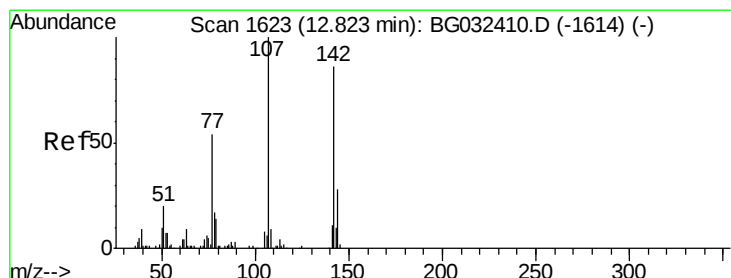
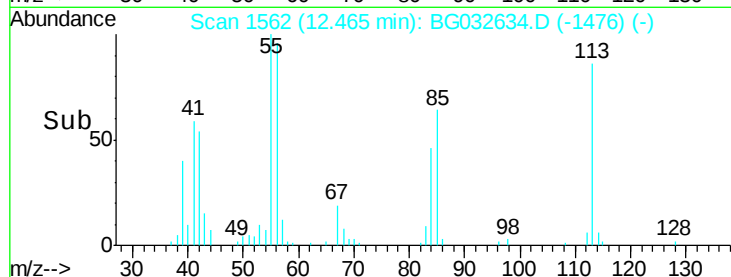
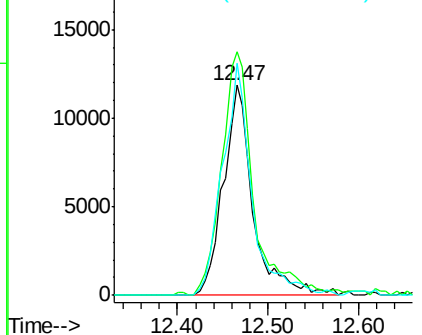
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 47.984 ng

RT: 12.79 min Scan# 1618

Delta R.T. -0.02 min

Lab File: BG032634.D

Acq: 9 Feb 2018 17:04

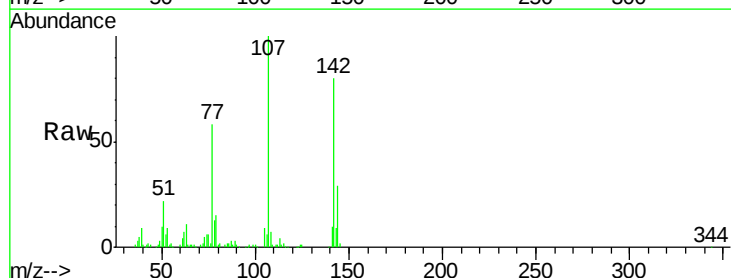
Tgt Ion:107 Resp: 126139

Ion Ratio Lower Upper

107 100

144 28.8 18.2 27.4#

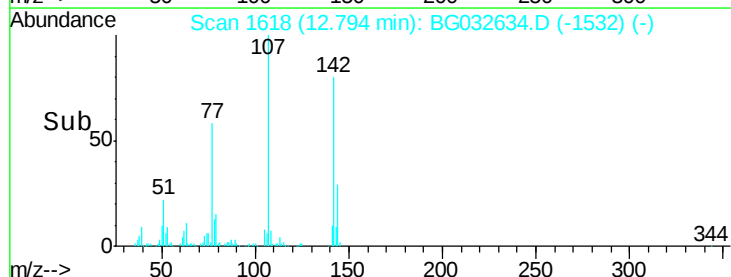
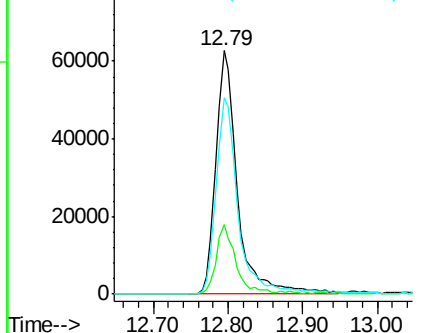
142 80.5 59.0 88.4

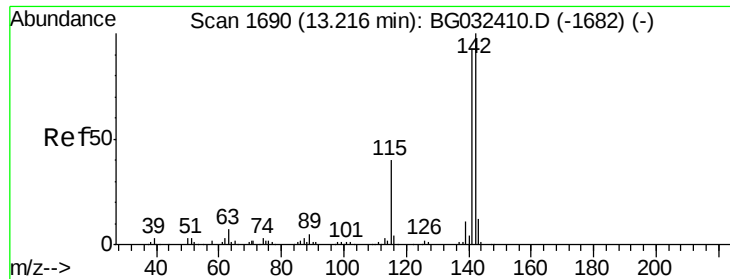


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37
2-Methylnaphthalene
Concen: 43.245 ng
RT: 13.18 min Scan# 1683
Delta R.T. -0.03 min
Lab File: BG032634.D
Acq: 9 Feb 2018 17:04

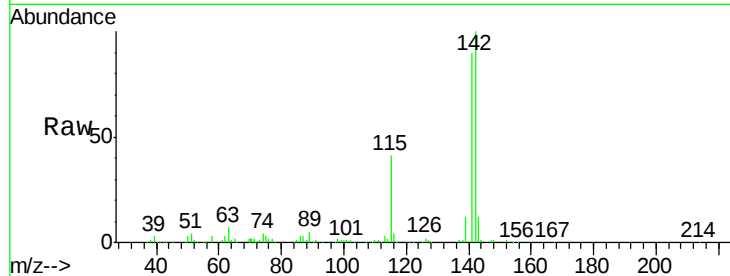
Instrument :
BNA_G
ClientSampleId :
RO-154MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	276355		
141	89.9	67.1	100.7	
115	40.8	30.7	46.1	

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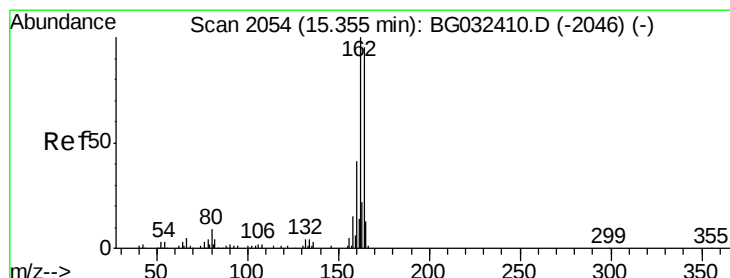
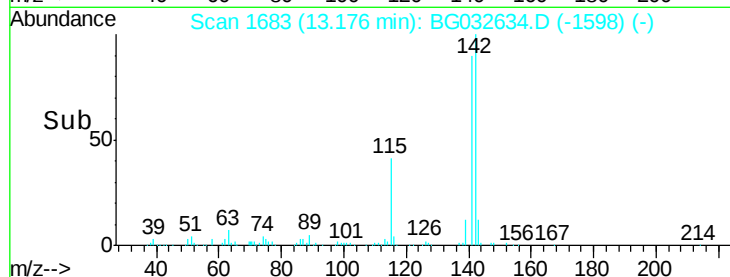
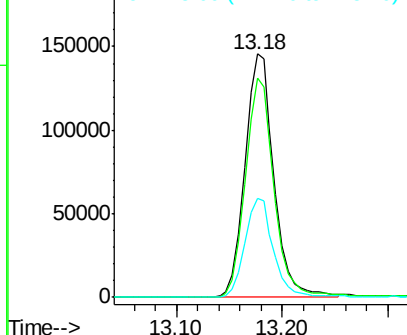


Abundance

Ion 142.00 (141.70 to 142.70): E

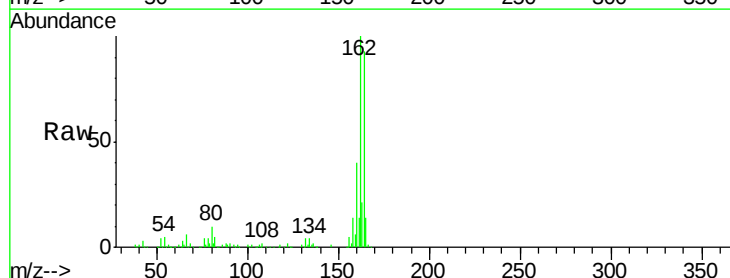
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.32 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BG032634.D
Acq: 9 Feb 2018 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	121074		
162	107.2	78.8	118.2	
160	43.0	35.4	53.0	

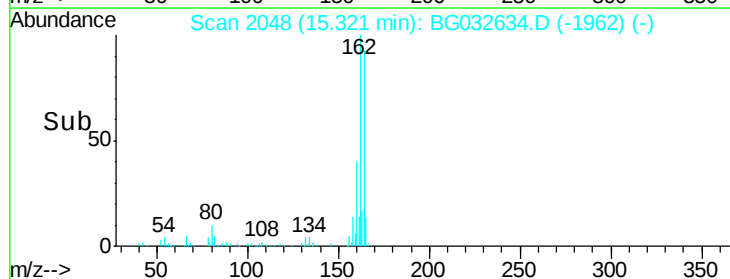
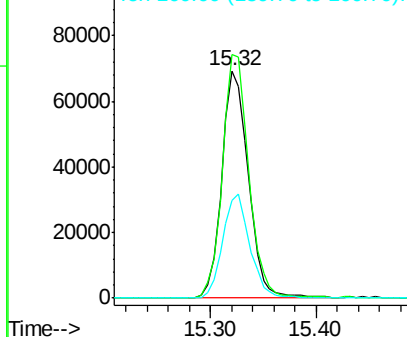


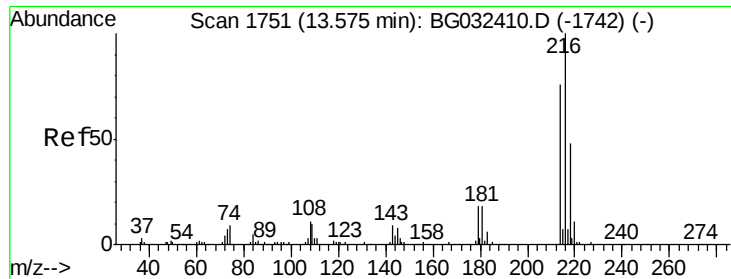
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39
1,2,4,5-Tetrachlorobenzene
Concen: 39.772 ng
RT: 13.53 min Scan# 1744
Delta R.T. -0.02 min
Lab File: BG032634.D
Acq: 9 Feb 2018 17:04

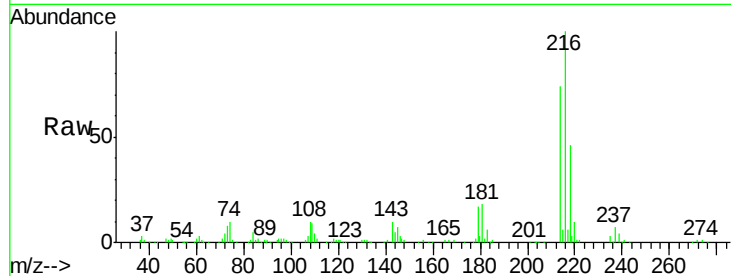
Instrument :
BNA_G
ClientSampleId :
RO-154MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	225277		
214	76.1	63.0	94.4	
179	17.7	17.0	25.6	
108	12.8	12.8	19.2	

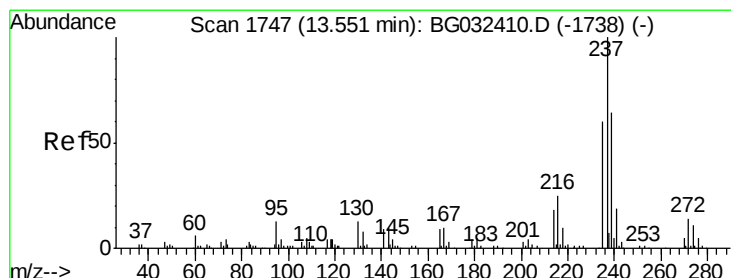
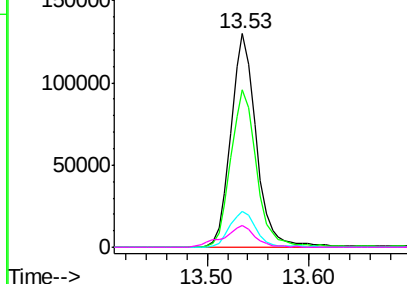
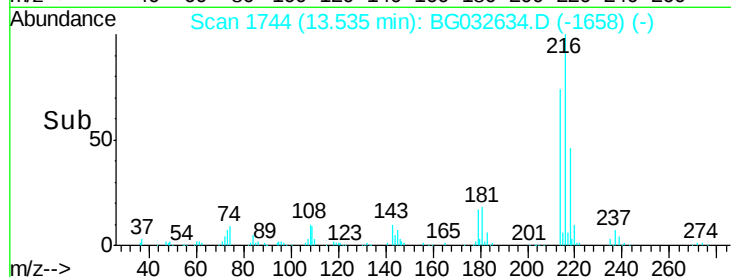
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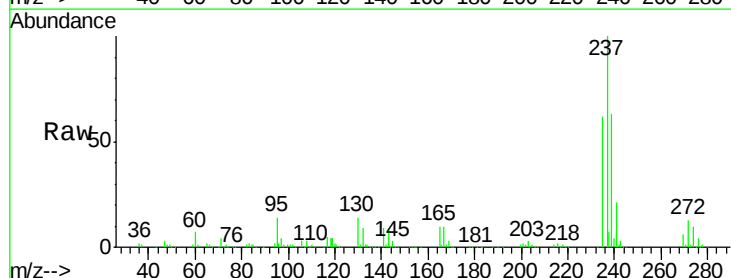


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

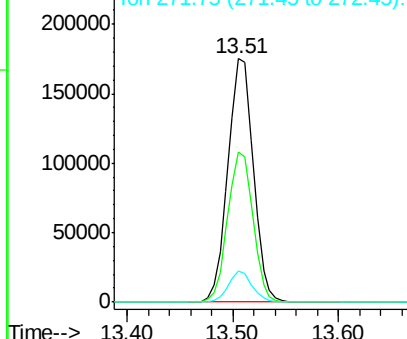
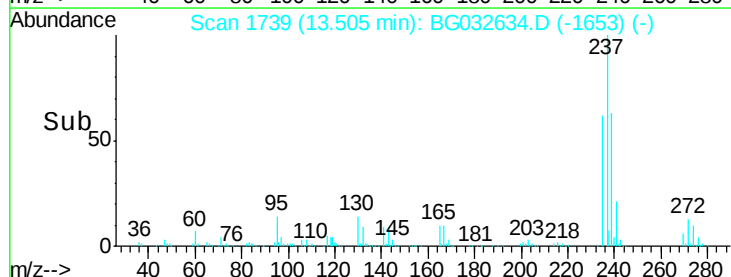


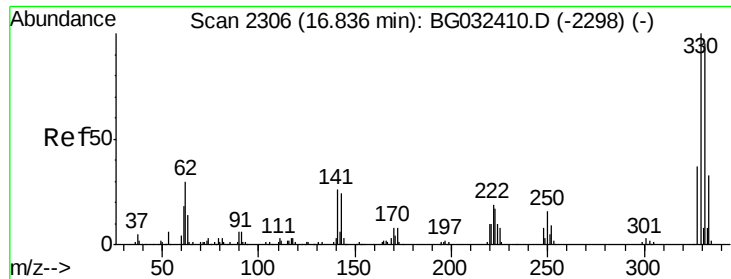
#40
Hexachlorocyclopentadiene
Concen: 82.478 ng
RT: 13.51 min Scan# 1739
Delta R.T. -0.02 min
Lab File: BG032634.D
Acq: 9 Feb 2018 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	291892		
235	61.9	50.4	90.4	
272	12.9	0.0	31.8	



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 114.352 ng

RT: 16.81 min Scan# 2301

Delta R.T. -0.01 min

Lab File: BG032634.D

Acq: 9 Feb 2018 17:04

Instrument :

BNA_G

ClientSampleId :

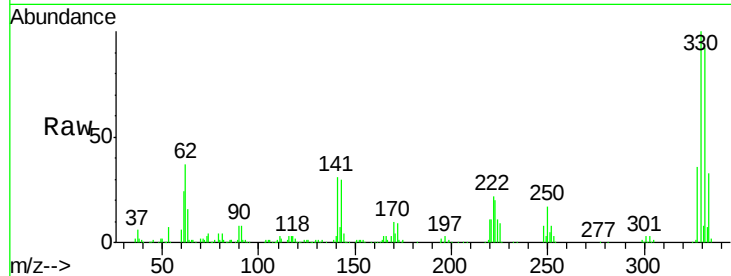
RO-154MS

Tot Ion:	330	Resp:	263542
Ion Ratio	Lower	Upper	
330	100		
332	94.4	77.0	115.6
141	32.2	25.2	37.8

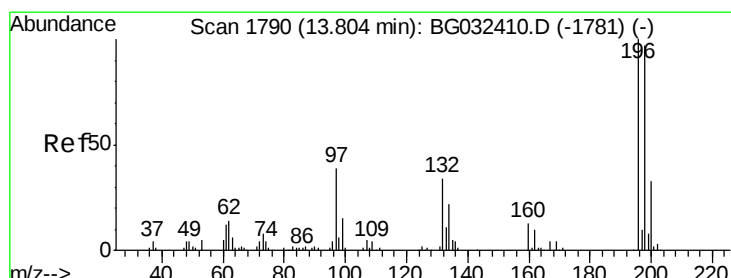
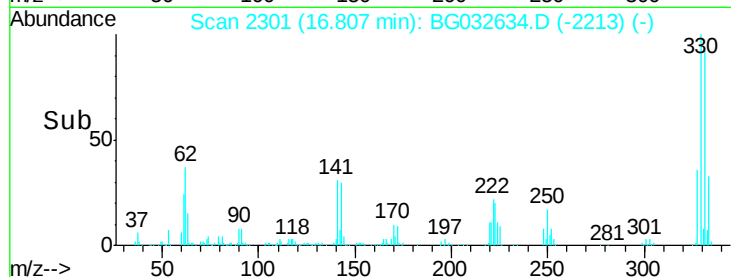
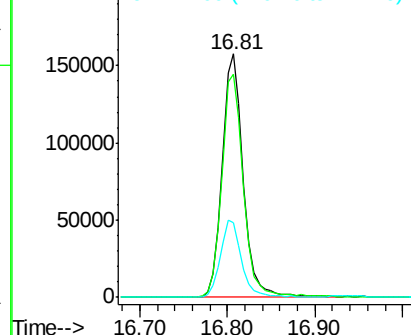
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 43.505 ng

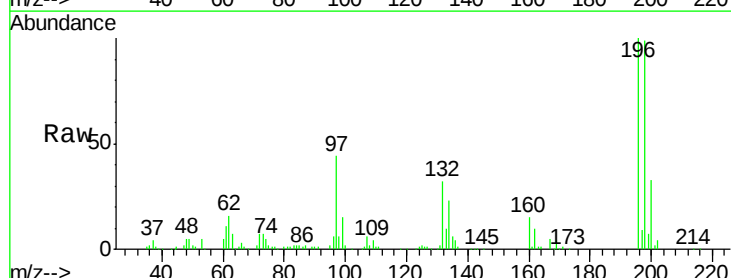
RT: 13.76 min Scan# 1783

Delta R.T. -0.02 min

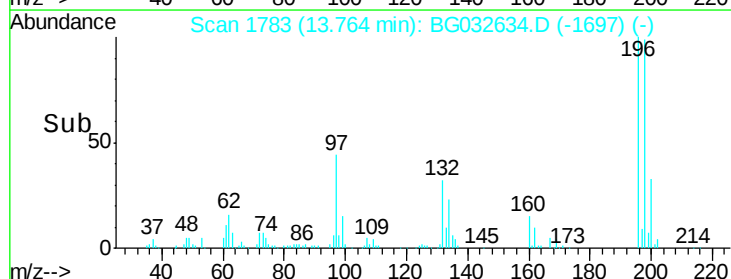
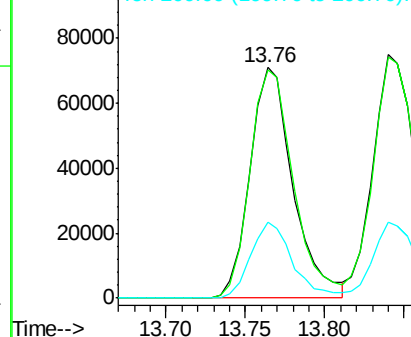
Lab File: BG032634.D

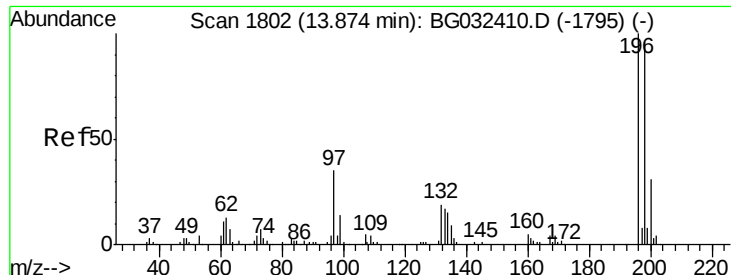
Acq: 9 Feb 2018 17:04

Tgt Ion:	196	Resp:	134039
Ion Ratio	Lower	Upper	
196	100		
198	98.9	78.2	117.2
200	32.8	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: 42.595 ng
RT: 13.84 min Scan# 1796
Delta R.T. -0.03 min
Lab File: BG032634.D
Acq: 9 Feb 2018 17:04

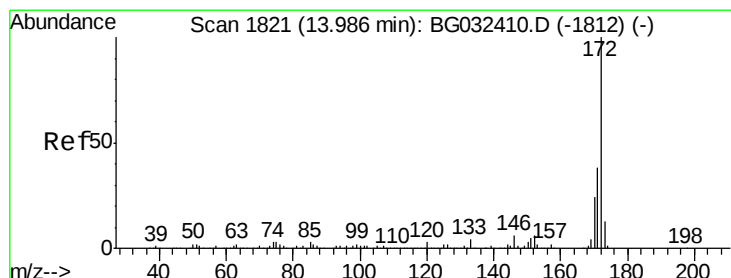
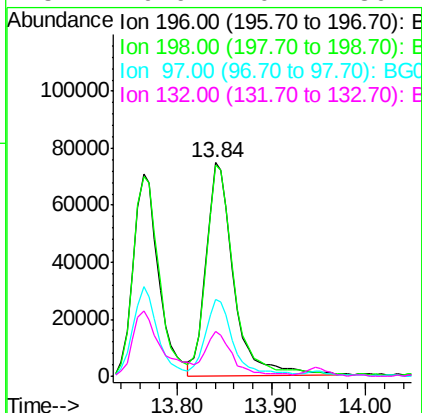
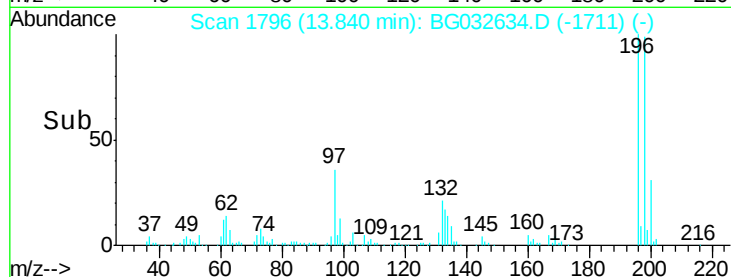
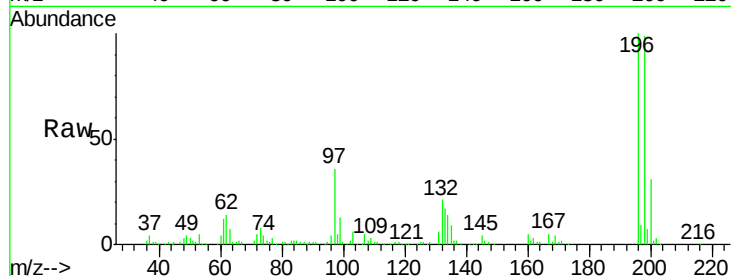
Instrument :
BNA_G
ClientSampleId :
RO-154MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		152984		
198	99.1	76.2	114.4		
97	35.7	38.7	58.1		
132	20.9	20.2	30.2		

Manual Integrations
APPROVED

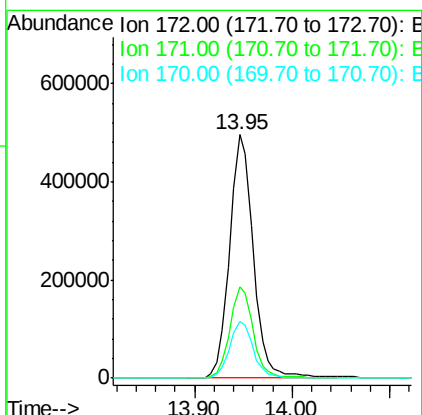
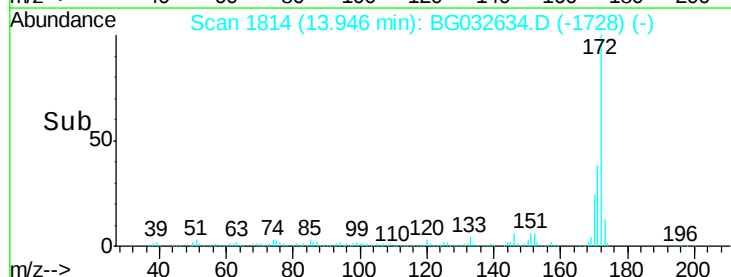
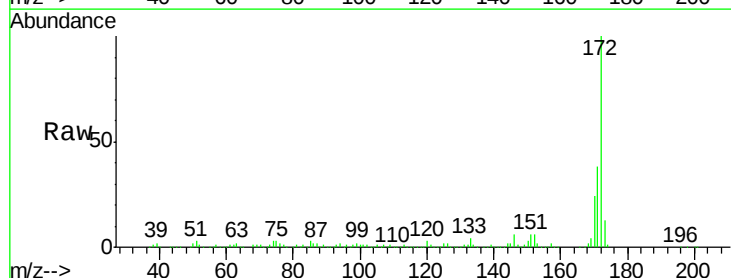
Sohil

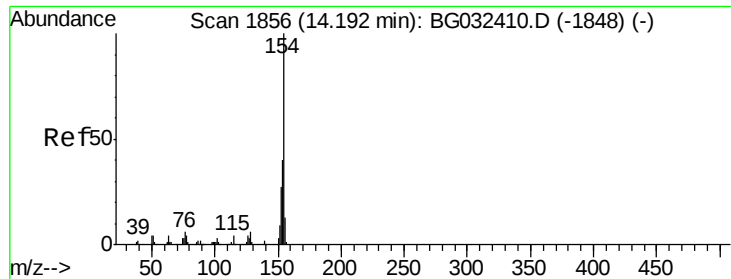
2/13/2018 11:29:45 AM



#44
2-Fluorobiphenyl
Concen: 82.411 ng
RT: 13.95 min Scan# 1814
Delta R.T. -0.02 min
Lab File: BG032634.D
Acq: 9 Feb 2018 17:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		839483		
171	37.5	30.0	45.0		
170	23.5	19.5	29.3		





#45
 1,1'-Biphenyl
 Concen: 39.895 ng
 RT: 14.16 min Scan# 1850
 Delta R.T. -0.02 min
 Lab File: BG032634.D
 Acq: 9 Feb 2018 17:04

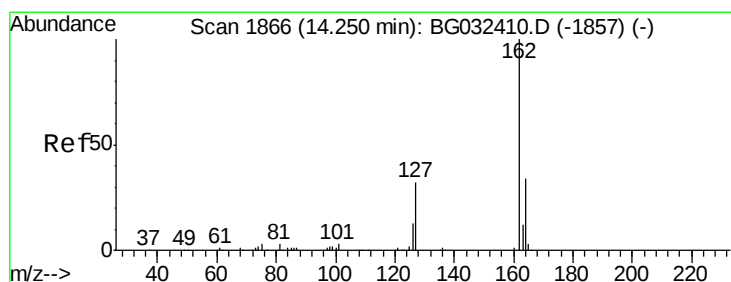
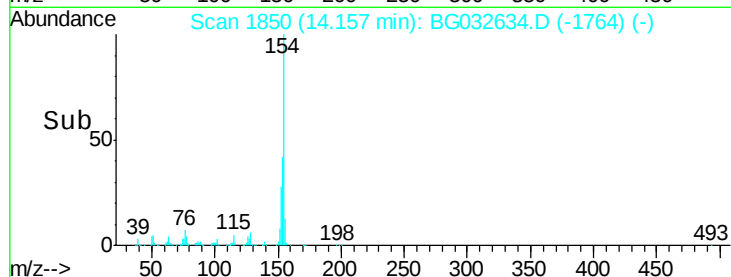
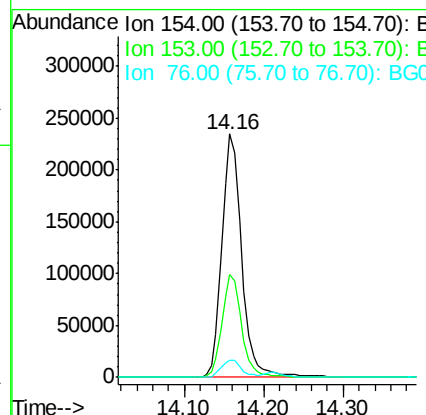
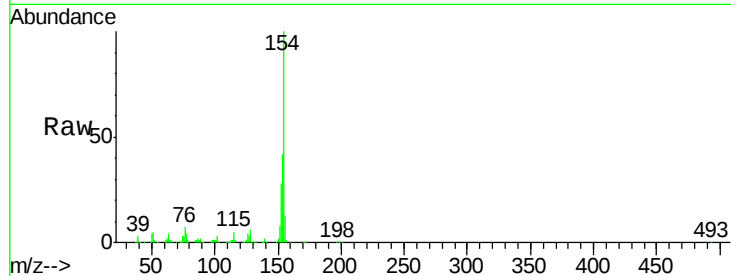
Instrument :
 BNA_G
 ClientSampleId :
 RO-154MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.3	19.8	59.8
76	7.1	0.0	31.9

Manual Integrations
 APPROVED

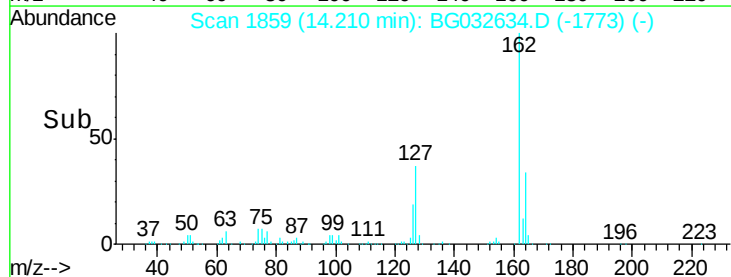
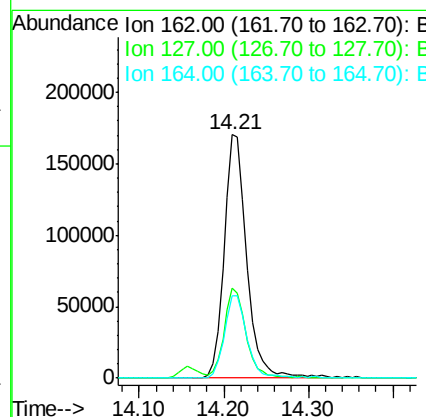
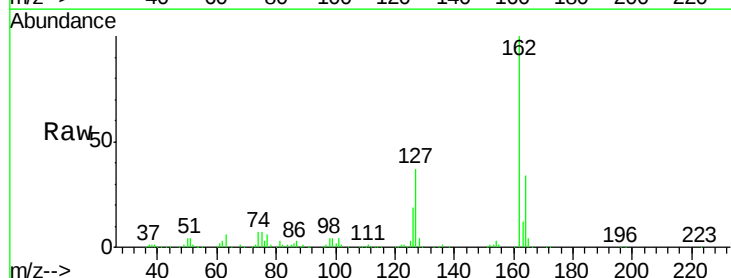
Sohil

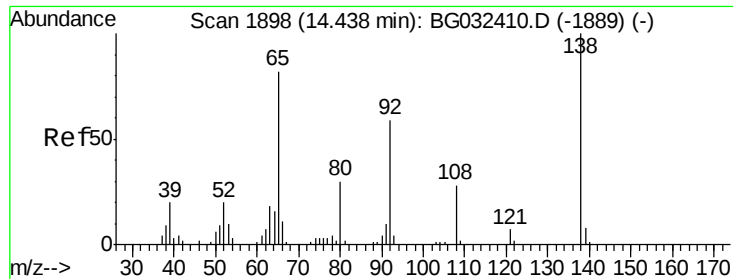
2/13/2018 11:29:45 AM



#46
 2-Chloronaphthalene
 Concen: 39.456 ng
 RT: 14.21 min Scan# 1859
 Delta R.T. -0.02 min
 Lab File: BG032634.D
 Acq: 9 Feb 2018 17:04

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.7	30.7	46.1
164	34.0	26.0	39.0





#47
2-Nitroaniline
Concen: 41.143 ng
RT: 14.40 min Scan# 1892
Delta R.T. -0.02 min
Lab File: BG032634.D
Acq: 9 Feb 2018 17:04

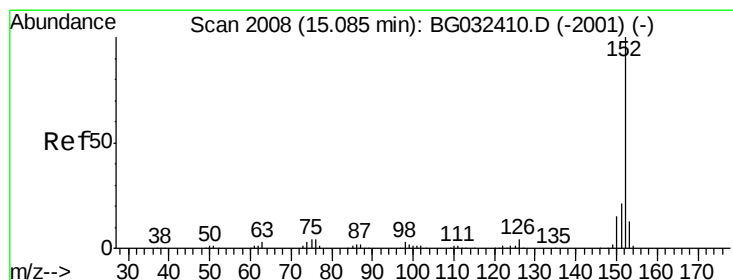
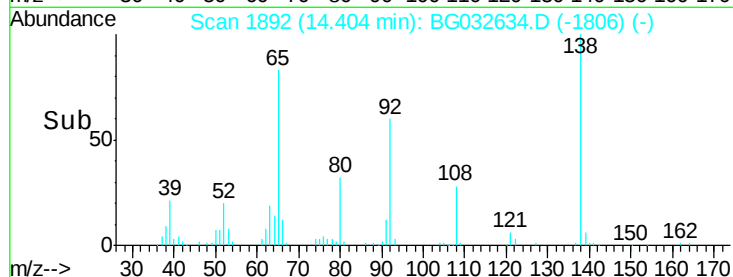
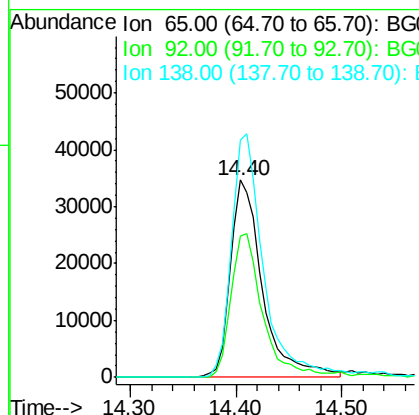
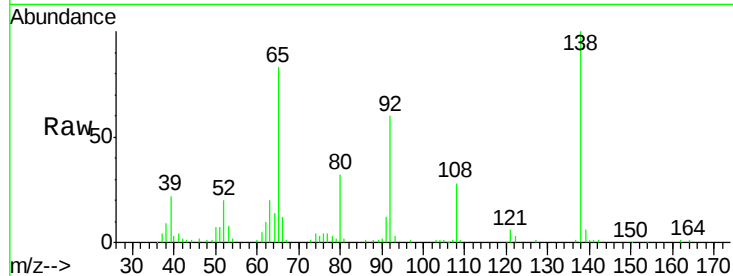
Instrument :
BNA_G
ClientSampleId :
RO-154MS

Tot Ion	Ion	Ratio	Lower	Upper
65	100			
92	71.9	54.6	82.0	
138	120.1	72.9	109.3	

Manual Integrations
APPROVED

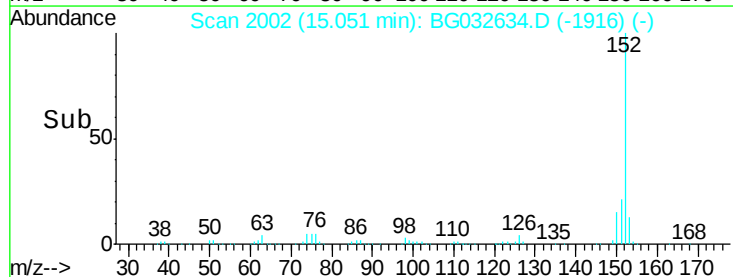
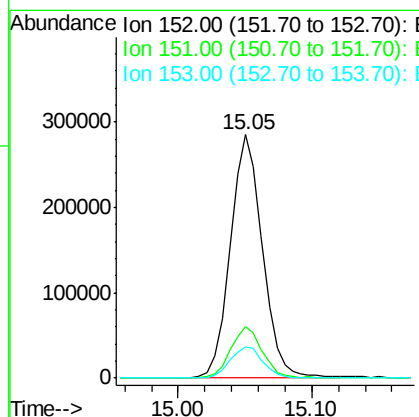
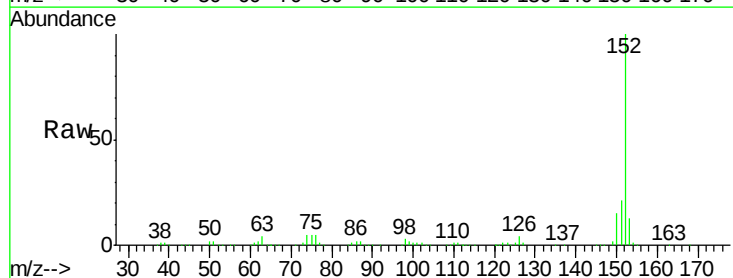
Sohil

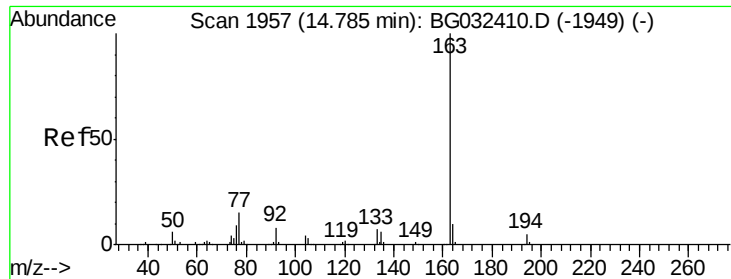
2/13/2018 11:29:45 AM



#48
Acenaphthylene
Concen: 39.191 ng
RT: 15.05 min Scan# 2002
Delta R.T. -0.02 min
Lab File: BG032634.D
Acq: 9 Feb 2018 17:04

Tgt Ion	Ion	Ratio	Lower	Upper
152	100			
151	21.4	17.2	25.8	
153	12.9	10.2	15.4	





#49
Dimethylphthalate
Concen: 39.557 ng
RT: 14.76 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BG032634.D
Acq: 9 Feb 2018 17:04

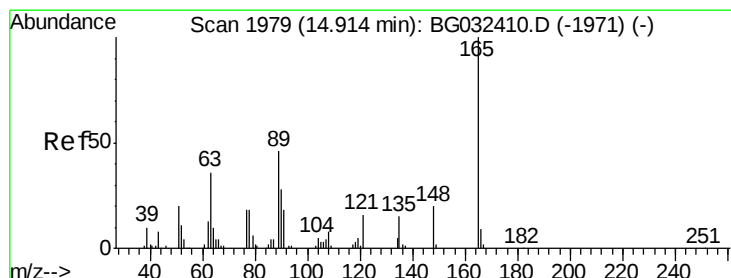
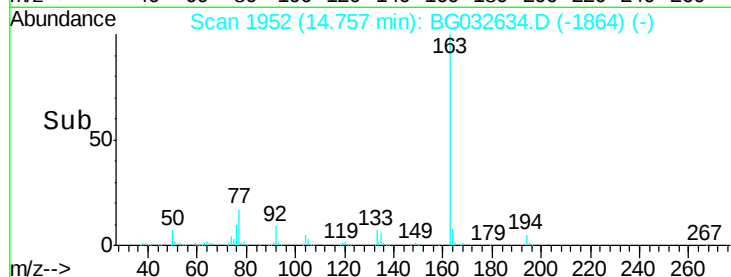
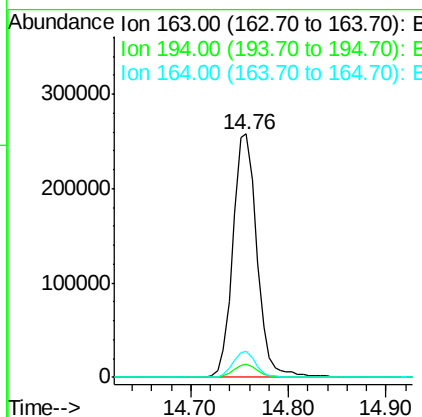
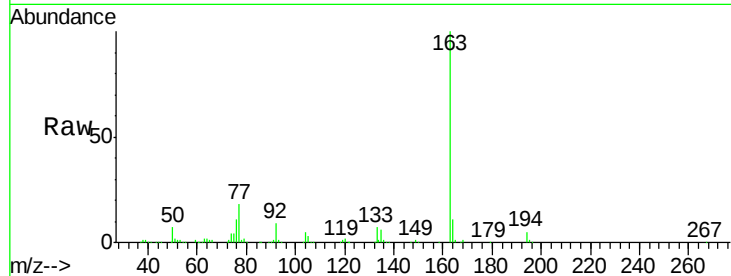
Instrument :
BNA_G
ClientSampleId :
RO-154MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	441595		
194	5.4	3.4	5.2#	
164	10.9	8.2	12.4	

Manual Integrations
APPROVED

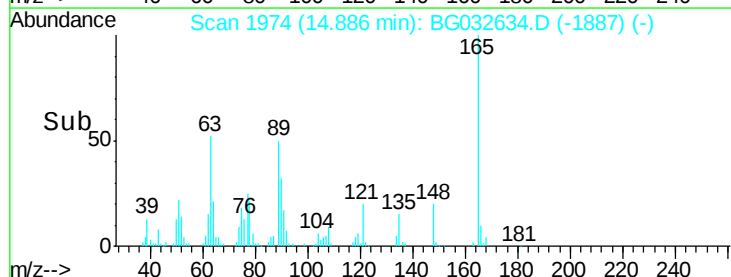
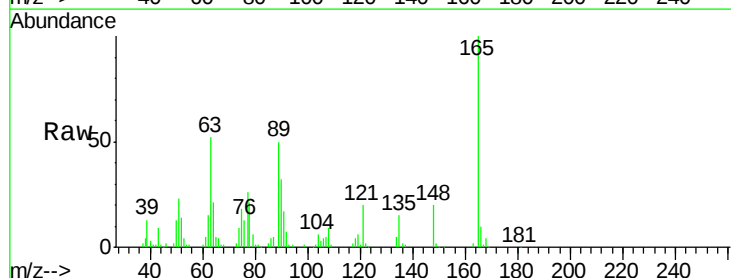
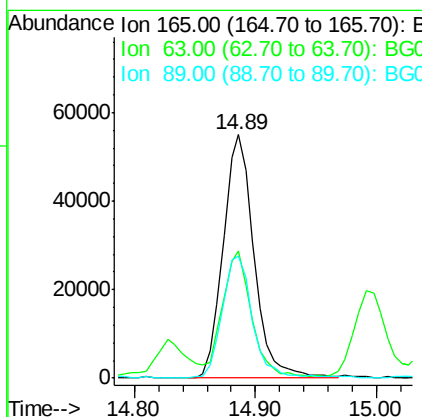
Sohil

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#50
2,6-Dinitrotoluene
Concen: 41.613 ng
RT: 14.89 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BG032634.D
Acq: 9 Feb 2018 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	97504		
63	52.4	52.7	79.1#	
89	50.2	49.2	73.8	





#51

Acenaphthene

Concen: 45.114 ng

RT: 15.39 min Scan# 2059

Delta R.T. -0.02 min

Lab File: BG032634.D

Acq: 9 Feb 2018 17:04

Instrument :

BNA_G

ClientSampleId :

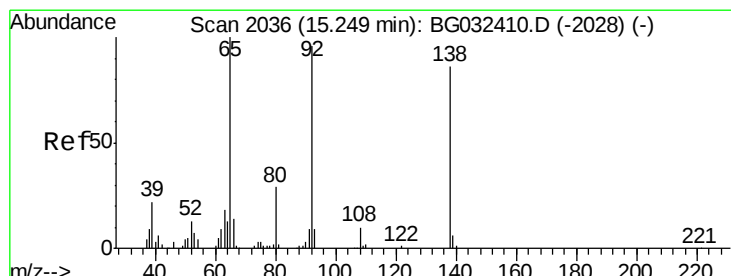
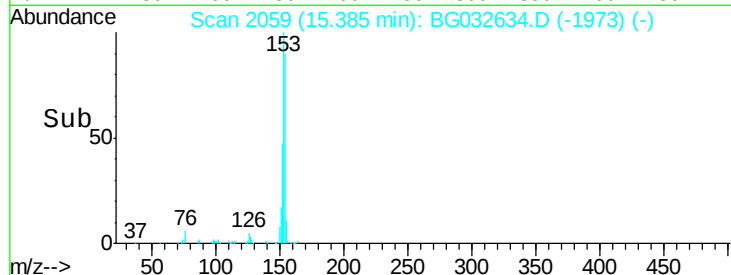
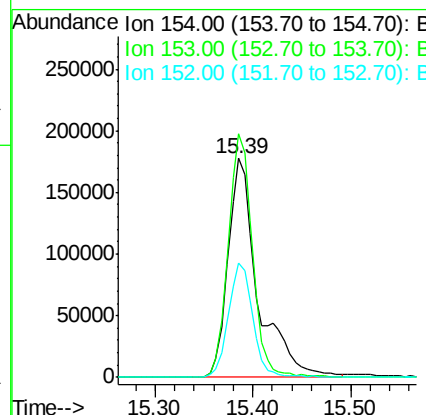
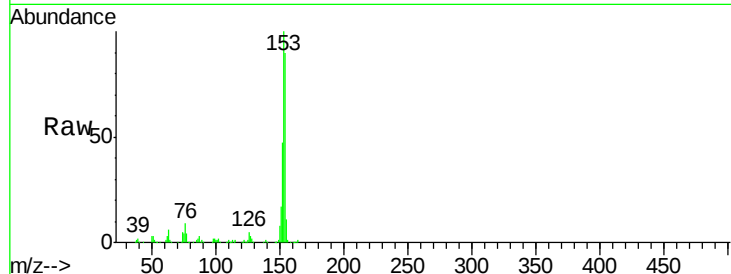
RO-154MS

Tot Ion:	154	Resp:	379212
Ion Ratio	Lower	Upper	
154	100		
153	111.2	90.4	135.6
152	52.0	41.6	62.4

Manual Integrations
APPROVED

Sohil

2/13/2018 11:29:45 AM



#52

3-Nitroaniline

Concen: 4.015 ng

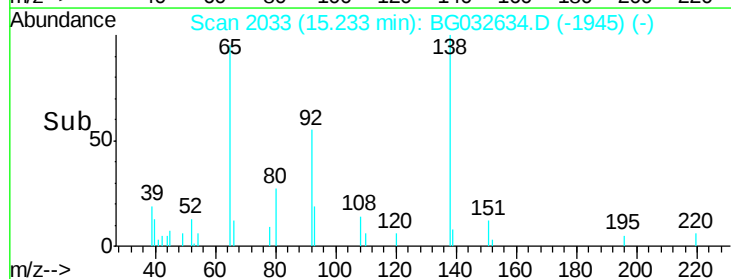
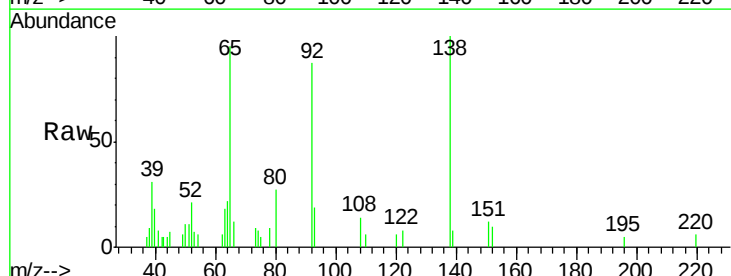
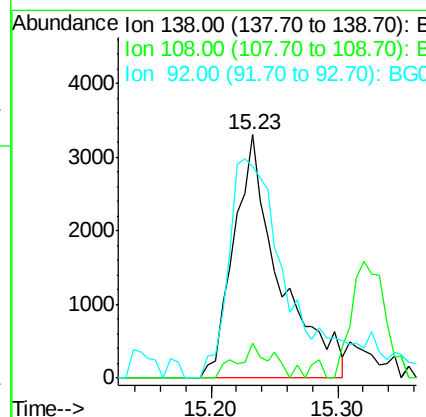
RT: 15.23 min Scan# 2033

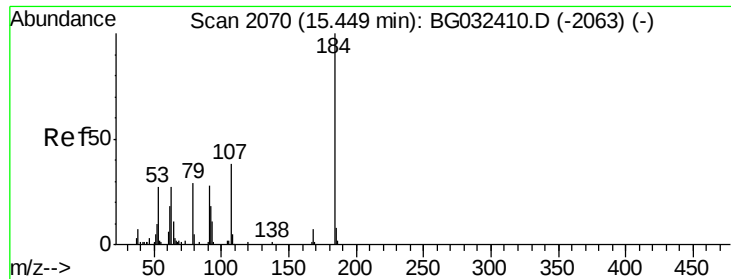
Delta R.T. -0.01 min

Lab File: BG032634.D

Acq: 9 Feb 2018 17:04

Tgt Ion:	138	Resp:	8218
Ion Ratio	Lower	Upper	
138	100		
108	14.5	17.5	26.3#
92	86.9	105.8	158.8#





#53
2,4-Dinitrophenol
Concen: 78.184 ng
RT: 15.43 min Scan# 2066
Delta R.T. -0.02 min
Lab File: BG032634.D
Acq: 9 Feb 2018 17:04

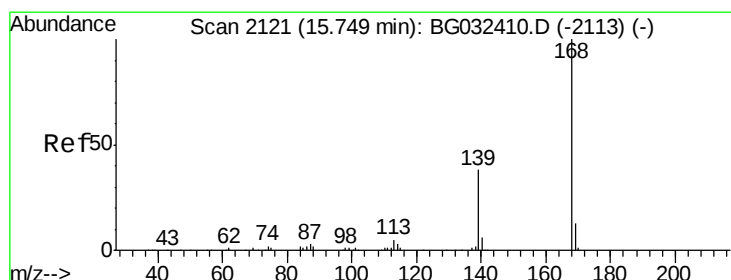
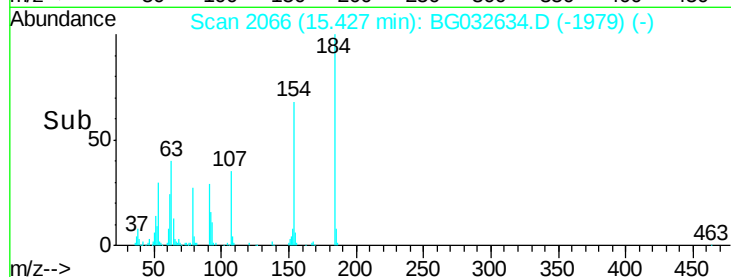
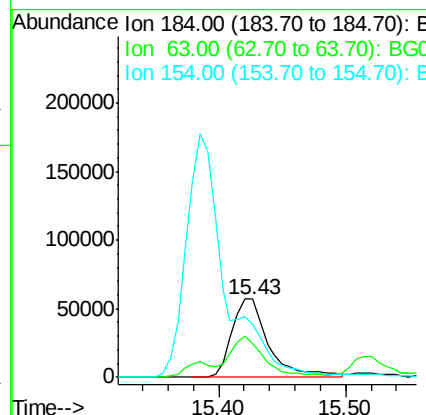
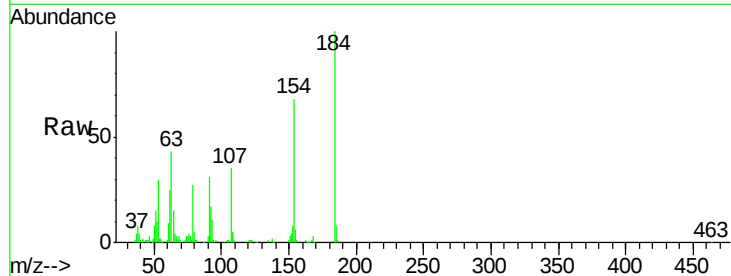
Instrument :
BNA_G
ClientSampleId :
RO-154MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	43.1	59.8	89.8#
154	67.9	101.8	152.8#

Manual Integrations
APPROVED

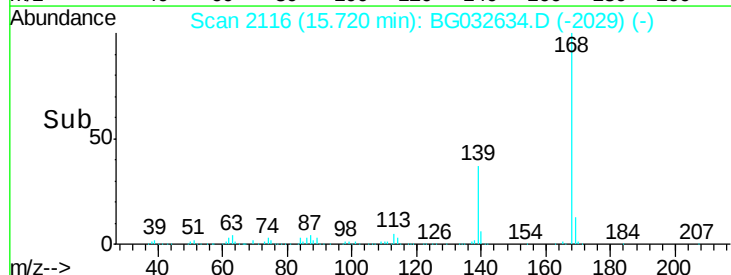
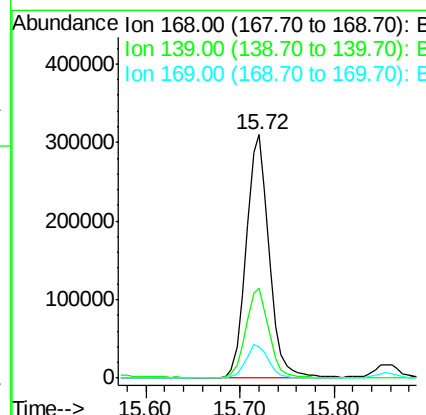
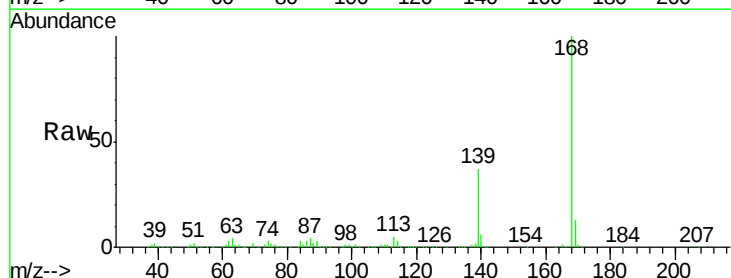
Sohil

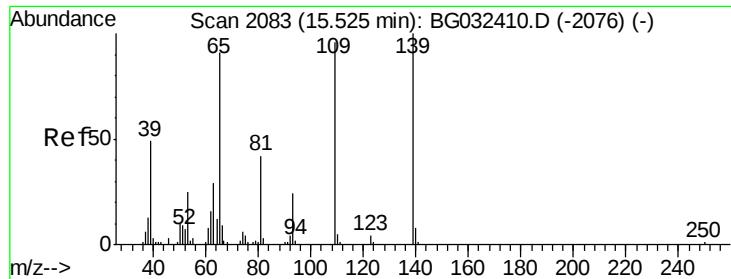
2/13/2018 11:29:45 AM



#54
Dibenzofuran
Concen: 41.961 ng
RT: 15.72 min Scan# 2116
Delta R.T. -0.02 min
Lab File: BG032634.D
Acq: 9 Feb 2018 17:04

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.1	28.6	43.0
169	12.8	11.2	16.8





#55
4-Nitrophenol
Concen: 65.827 ng
RT: 15.51 min Scan# 2081
Delta R.T. -0.02 min
Lab File: BG032634.D
Acq: 9 Feb 2018 17:04

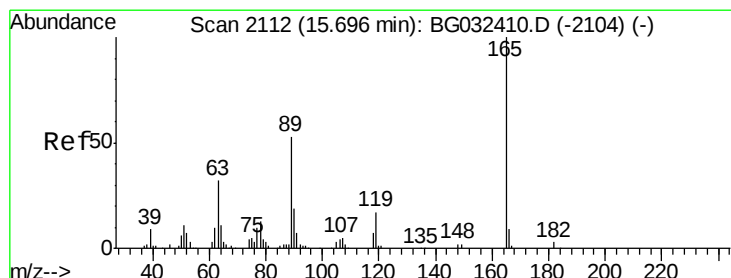
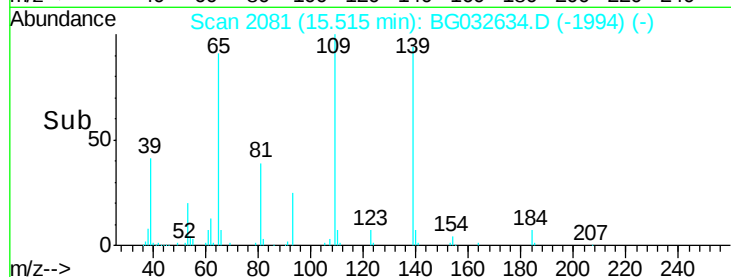
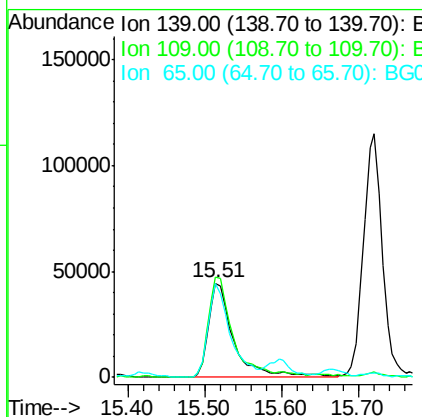
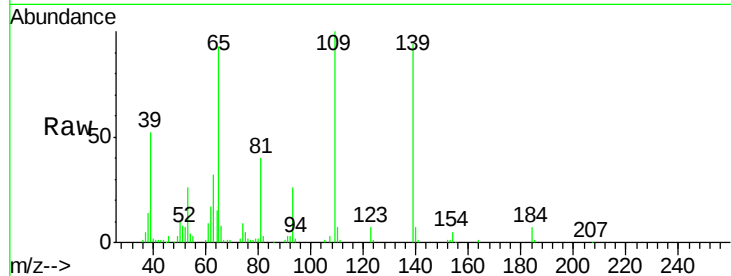
Instrument :
BNA_G
ClientSampleId :
RO-154MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	106.1	62.2	102.2#	
65	98.8	97.2	137.2	

Manual Integrations
APPROVED

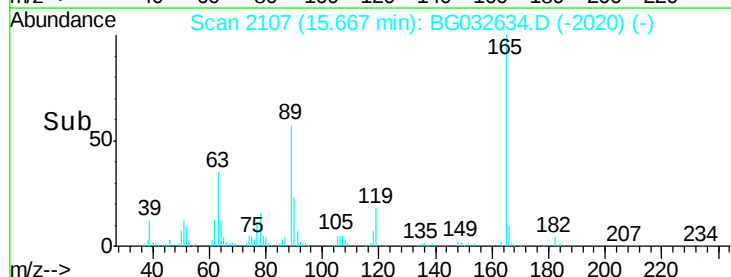
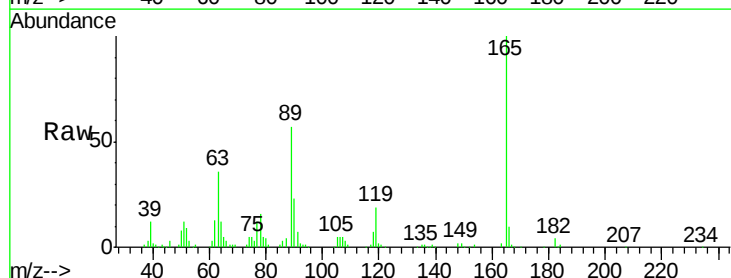
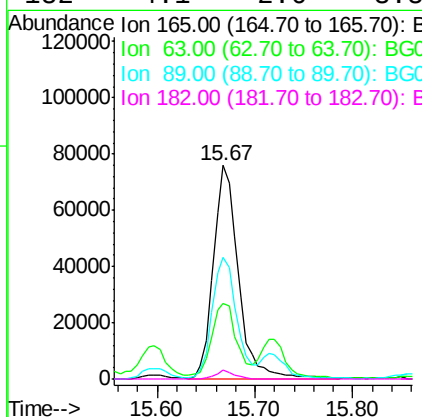
Sohil

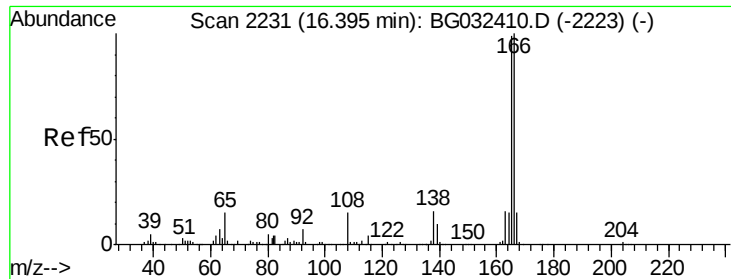
2/13/2018 11:29:45 AM



#56
2,4-Dinitrotoluene
Concen: 40.177 ng
RT: 15.67 min Scan# 2107
Delta R.T. -0.02 min
Lab File: BG032634.D
Acq: 9 Feb 2018 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	35.6	42.0	63.0#	
89	57.2	66.9	100.3#	
182	4.1	2.6	3.8#	





#57

Fluorene

Concen: 40.083 ng

RT: 16.36 min Scan# 2225

Delta R.T. -0.02 min

Lab File: BG032634.D

Acq: 9 Feb 2018 17:04

Instrument :

BNA_G

ClientSampleId :

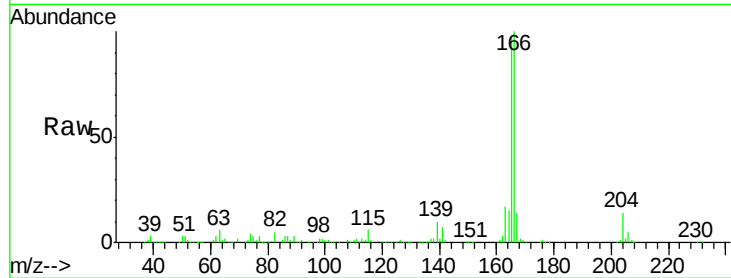
RO-154MS

Tot Ion:	166	Resp:	414384
Ion Ratio	Lower	Upper	
166	100		
165	96.8	80.6	121.0
167	14.5	10.4	15.6

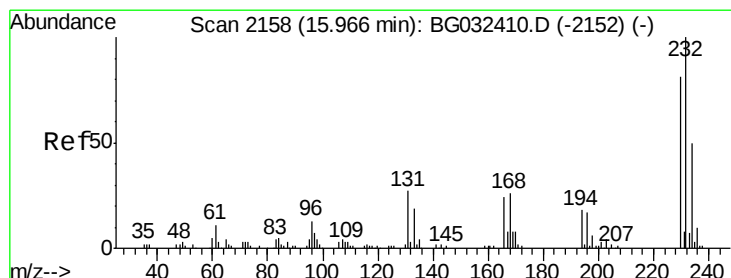
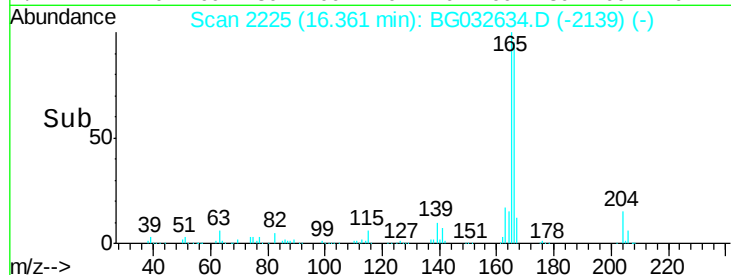
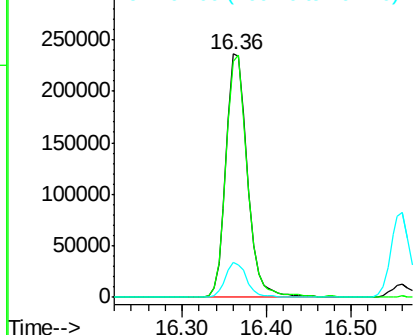
Manual Integrations
APPROVED

Sohil

2/13/2018 11:29:45 AM



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.332 ng

RT: 15.94 min Scan# 2153

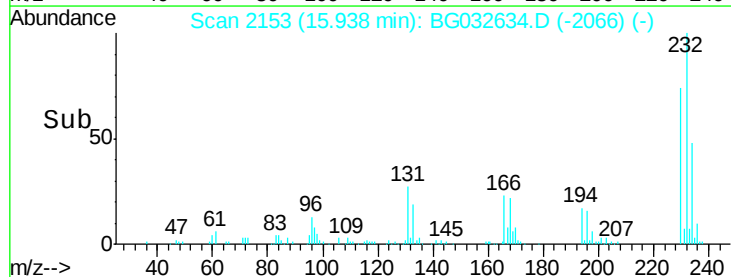
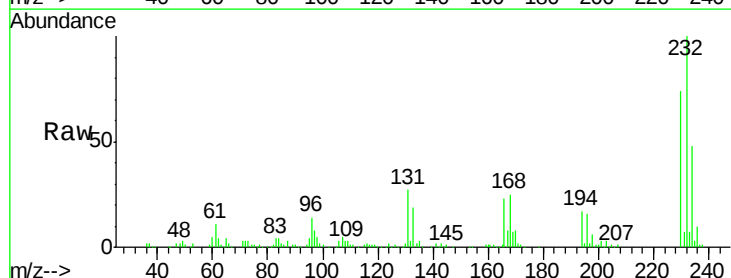
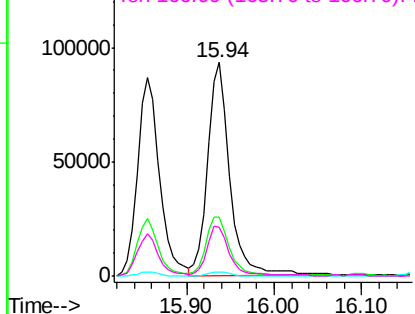
Delta R.T. -0.02 min

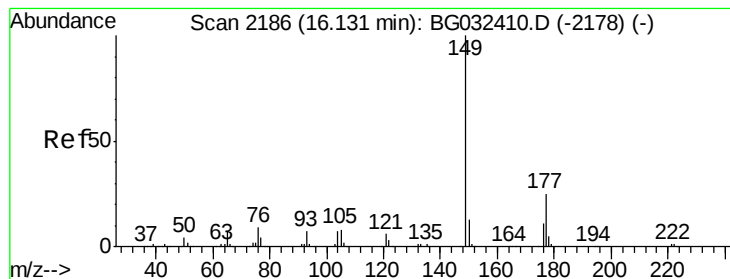
Lab File: BG032634.D

Acq: 9 Feb 2018 17:04

Tgt Ion:	232	Resp:	164124
Ion Ratio	Lower	Upper	
232	100		
131	29.0	33.5	50.3#
130	2.1	2.2	3.2#
166	22.9	24.8	37.2#

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 39.153 ng

RT: 16.10 min Scan# 2181

Delta R.T. -0.02 min

Lab File: BG032634.D

Acq: 9 Feb 2018 17:04

Instrument :

BNA_G

ClientSampleId :

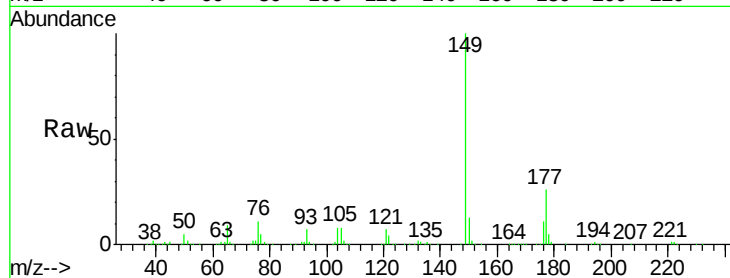
RO-154MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		425706		
177	26.2		18.5	27.7	
150	12.7		10.2	15.2	

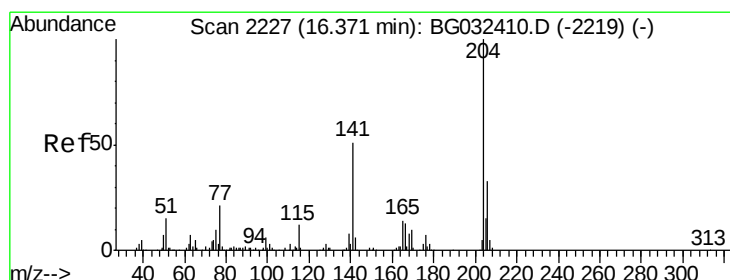
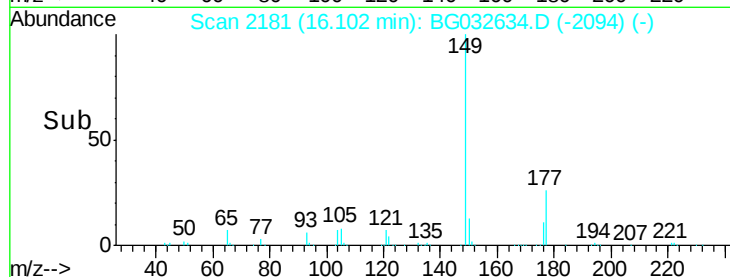
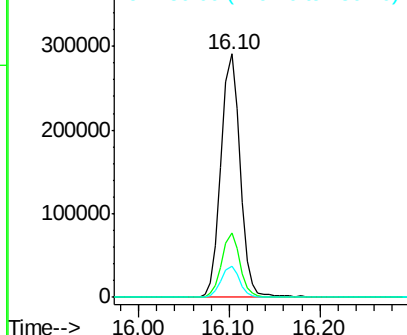
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 42.474 ng

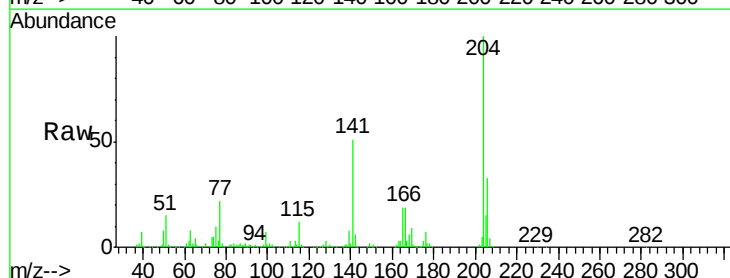
RT: 16.34 min Scan# 2222

Delta R.T. -0.02 min

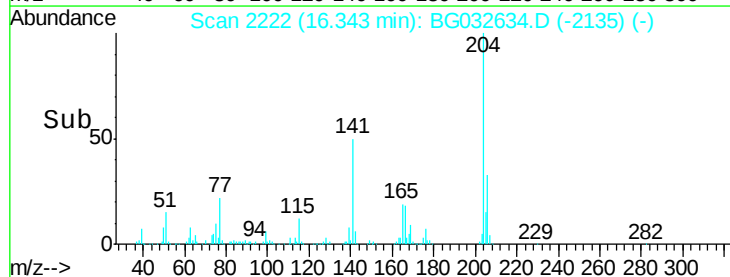
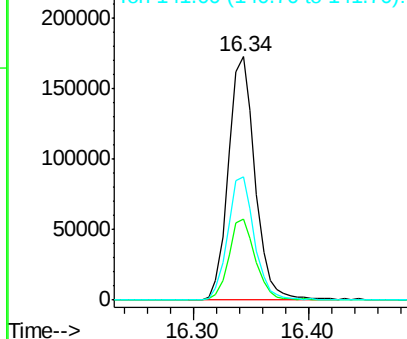
Lab File: BG032634.D

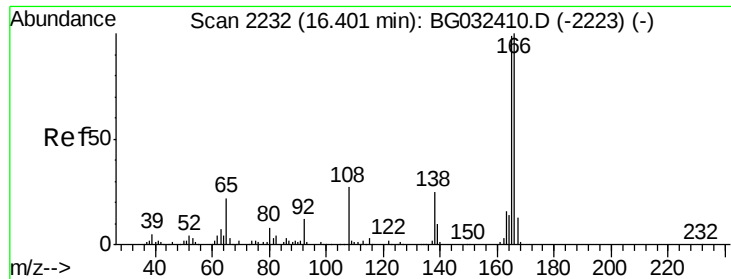
Acq: 9 Feb 2018 17:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
204	100		276894		
206	33.3		26.2	39.2	
141	50.5		45.8	68.6	



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61
4-Nitroaniline
Concen: 21.769 ng
RT: 16.38 min Scan# 2229
Delta R.T. -0.02 min
Lab File: BG032634.D
Acq: 9 Feb 2018 17:04

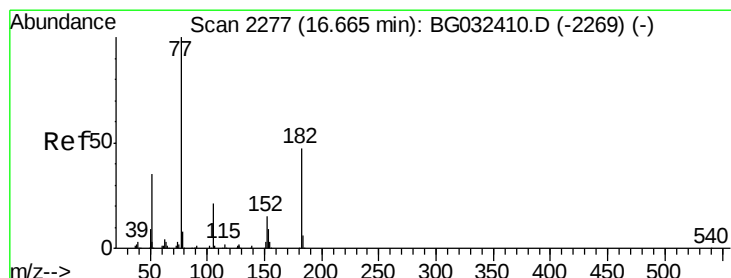
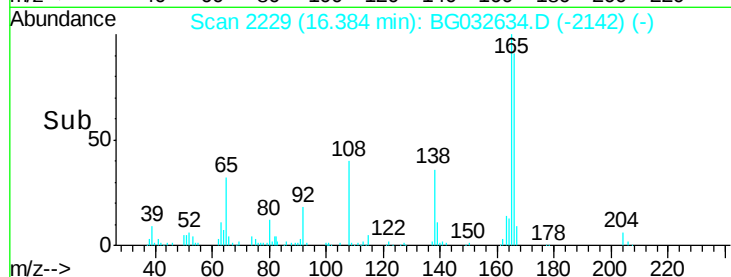
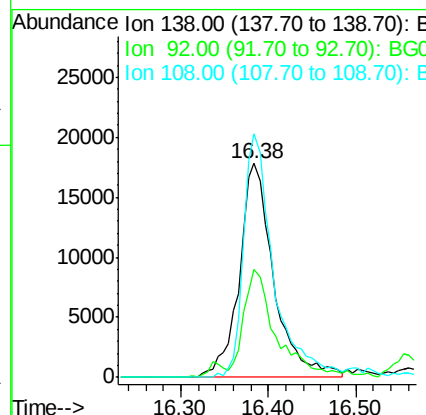
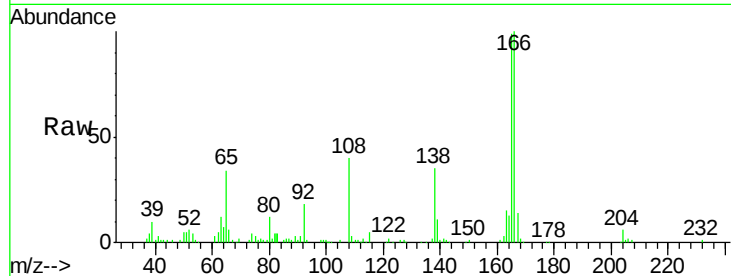
Instrument :
BNA_G
ClientSampled :
RO-154MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.2	40.1	80.1
108	113.8	65.4	105.4

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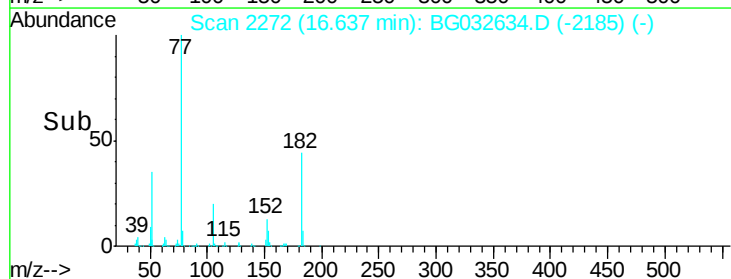
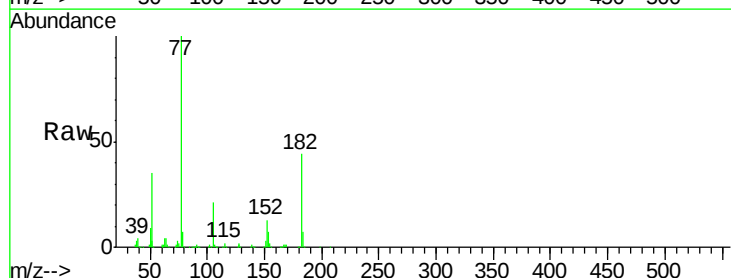
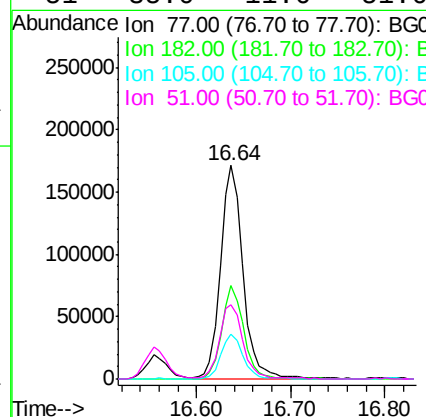
Sohil

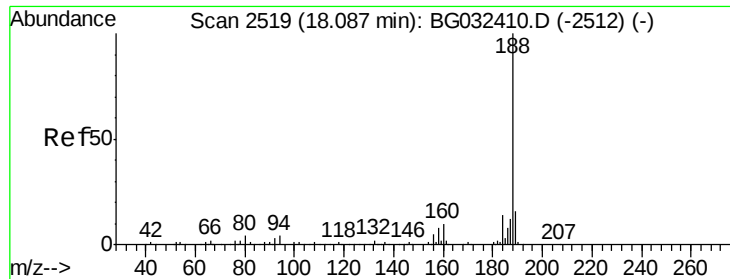
2/13/2018 11:29:45 AM



#62
Azobenzene
Concen: 43.860 ng
RT: 16.64 min Scan# 2272
Delta R.T. -0.02 min
Lab File: BG032634.D
Acq: 9 Feb 2018 17:04

Tgt Ion	Ratio	Lower	Upper
77	100		
182	43.6	7.4	47.4
105	21.2	0.3	40.3
51	35.0	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.06 min Scan# 2514

Delta R.T. -0.02 min

Lab File: BG032634.D

Acq: 9 Feb 2018 17:04

Instrument :

BNA_G

ClientSampleId :

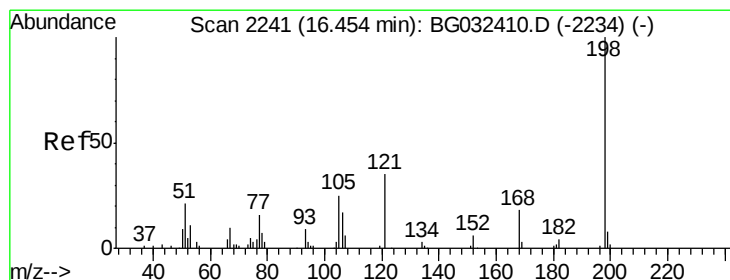
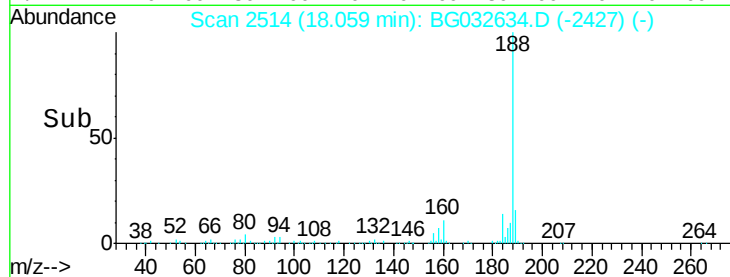
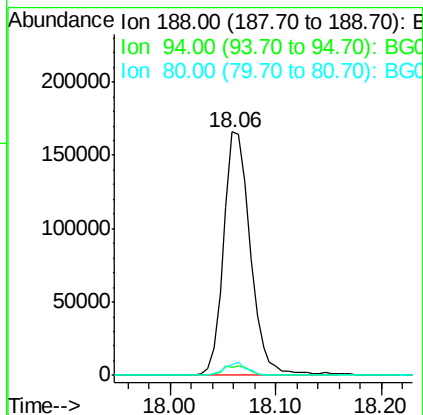
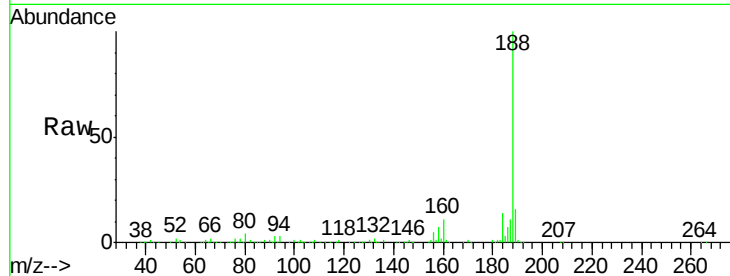
RO-154MS

Tot Ion:	188	Resp:	292387
Ion Ratio	Lower	Upper	
188	100		
94	3.5	6.9	10.3#
80	4.4	7.7	11.5#

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 38.565 ng

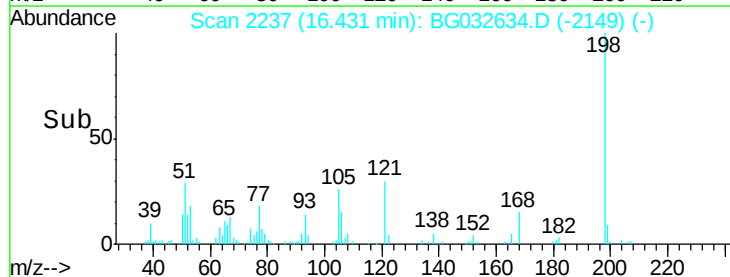
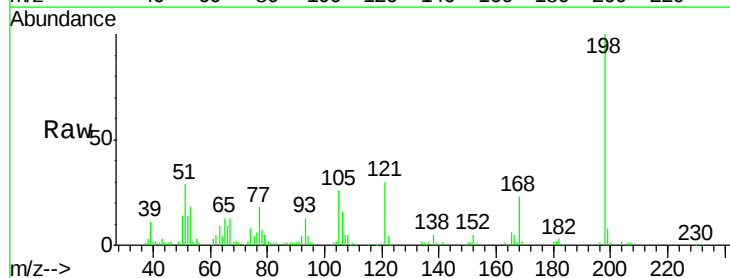
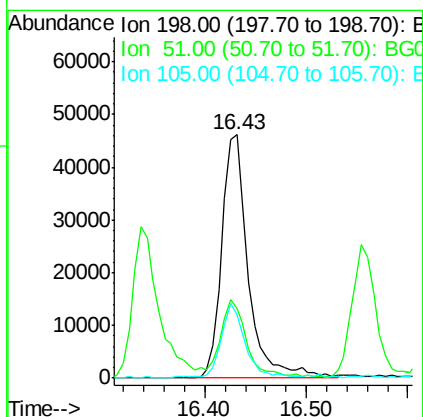
RT: 16.43 min Scan# 2237

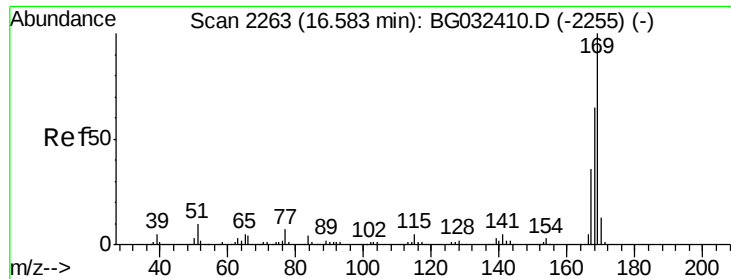
Delta R.T. -0.01 min

Lab File: BG032634.D

Acq: 9 Feb 2018 17:04

Tgt Ion:	198	Resp:	84238
Ion Ratio	Lower	Upper	
198	100		
51	28.5	30.6	70.6#
105	25.9	23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 43.764 ng

RT: 16.55 min Scan# 2258

Delta R.T. -0.02 min

Lab File: BG032634.D

Acq: 9 Feb 2018 17:04

Instrument :

BNA_G

ClientSampleId :

RO-154MS

Tot Ion:169 Resp: 381878

Ion Ratio Lower Upper

169 100

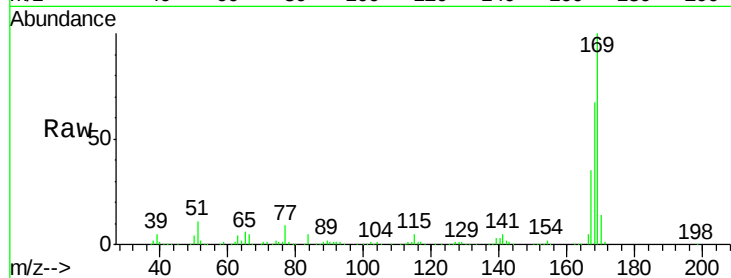
168 67.2 55.7 83.5

167 35.0 30.1 45.1

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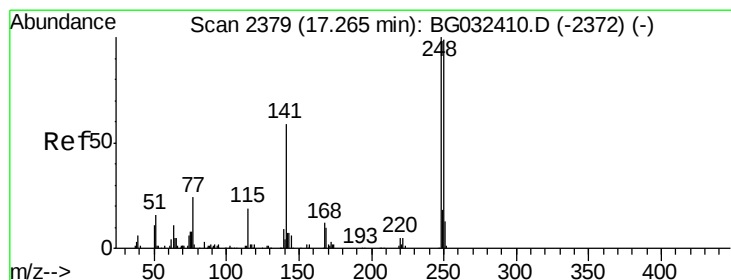
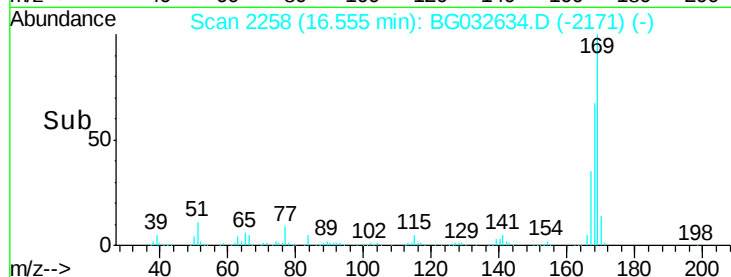
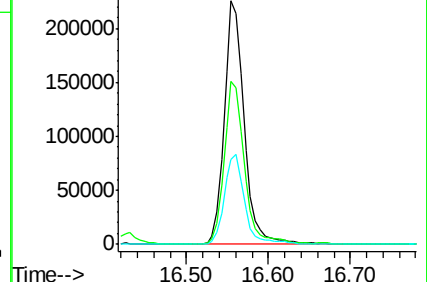
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 43.985 ng

RT: 17.24 min Scan# 2374

Delta R.T. -0.02 min

Lab File: BG032634.D

Acq: 9 Feb 2018 17:04

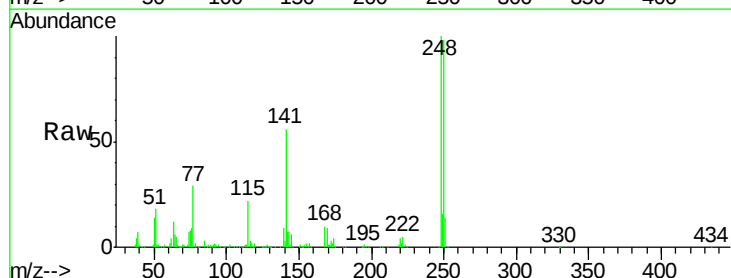
Tgt Ion:248 Resp: 190527

Ion Ratio Lower Upper

248 100

250 97.8 77.1 115.7

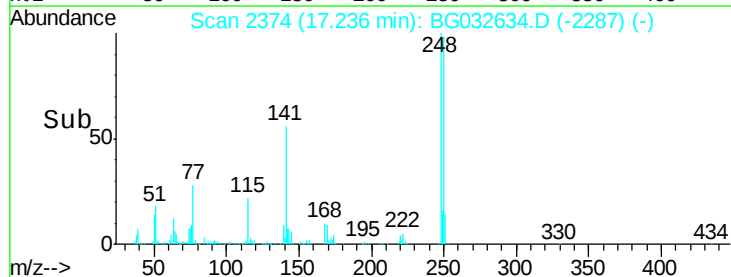
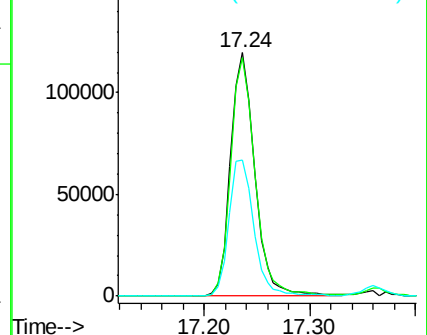
141 56.1 50.8 76.2

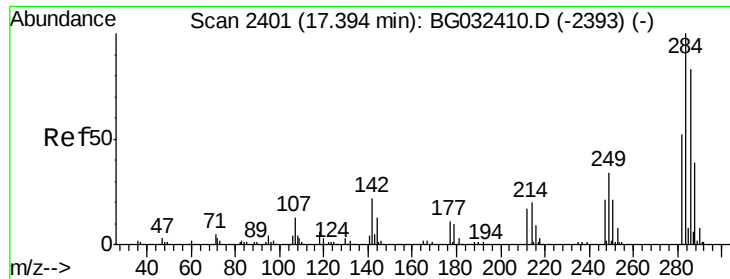


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.495 ng

RT: 17.37 min Scan# 2396

Delta R.T. -0.01 min

Lab File: BG032634.D

Acq: 9 Feb 2018 17:04

Instrument :

BNA_G

ClientSampleId :

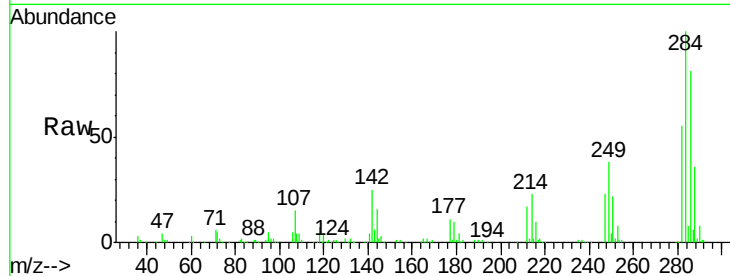
RO-154MS

Tot Ion:	284	Resp:	189326
Ion Ratio	Lower	Upper	
284	100		
142	25.2	26.8	40.2#
249	38.0	26.3	39.5

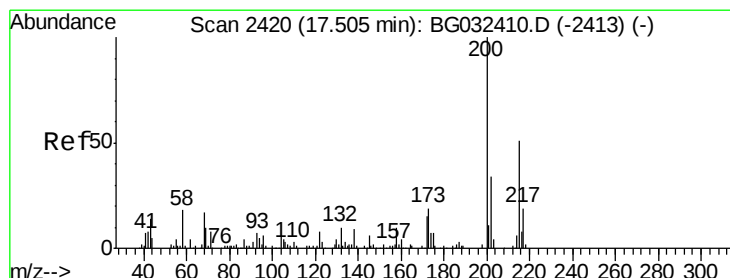
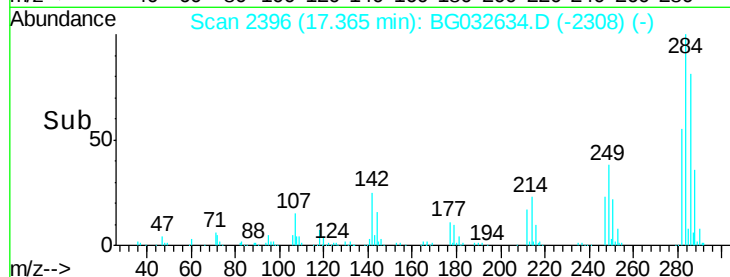
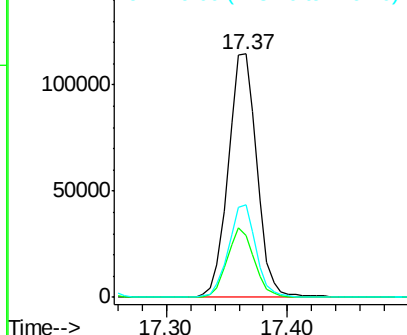
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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 39.094 ng

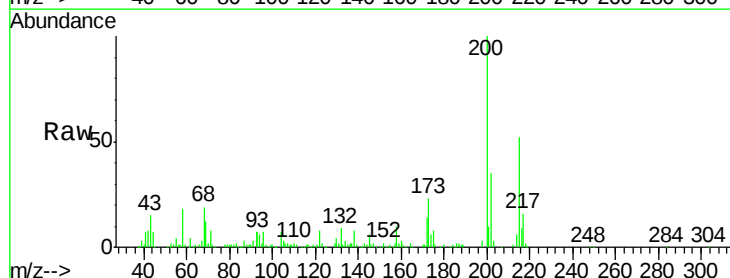
RT: 17.48 min Scan# 2416

Delta R.T. -0.01 min

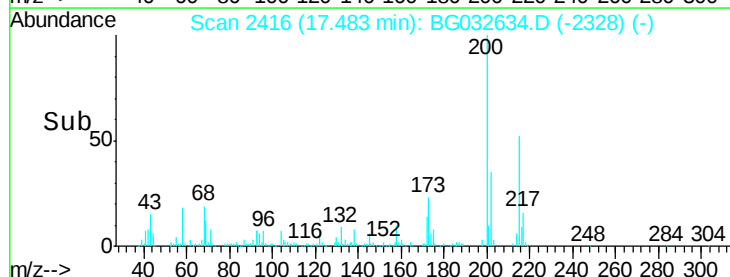
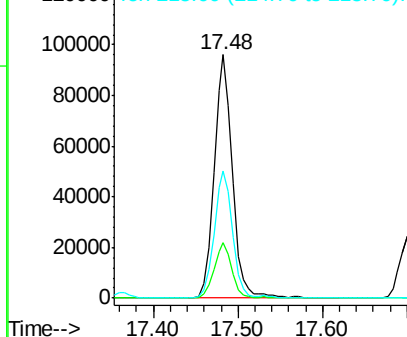
Lab File: BG032634.D

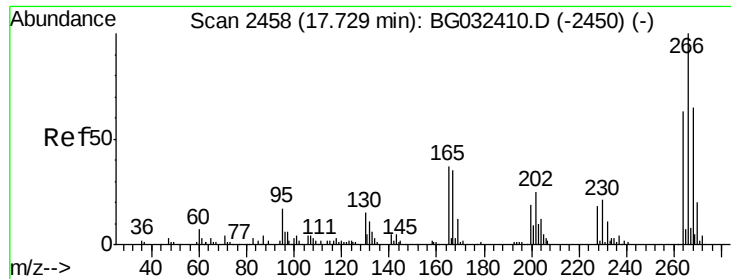
Acq: 9 Feb 2018 17:04

Tgt Ion:	200	Resp:	146439
Ion Ratio	Lower	Upper	
200	100		
173	22.8	5.2	45.2
215	52.5	30.4	70.4



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





#69
 Pentachlorophenol
 Concen: 76.667 ng
 RT: 17.70 min Scan# 2453
 Delta R.T. -0.02 min
 Lab File: BG032634.D
 Acq: 9 Feb 2018 17:04

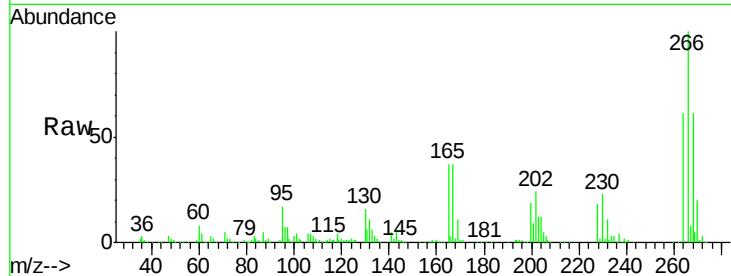
Instrument :
 BNA_G
 ClientSampleId :
 RO-154MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	60.6	51.1	76.7
264	60.6	49.6	74.4

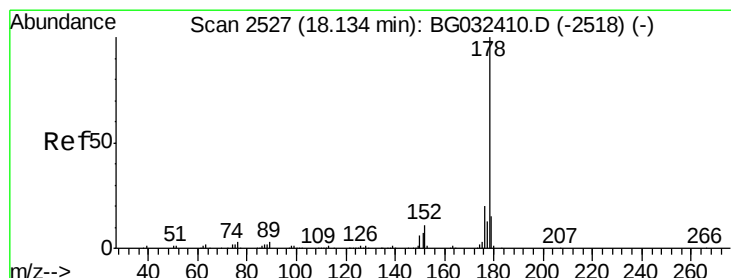
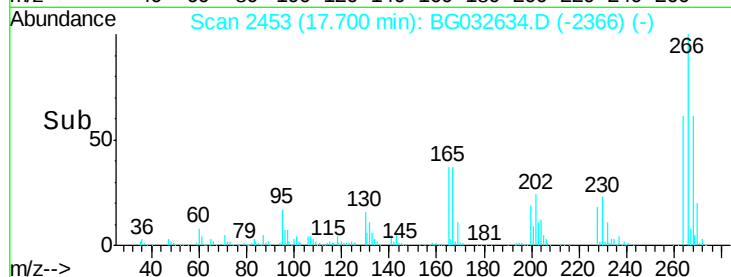
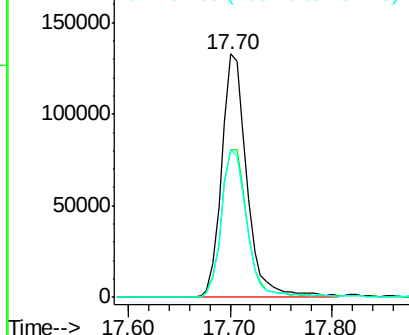
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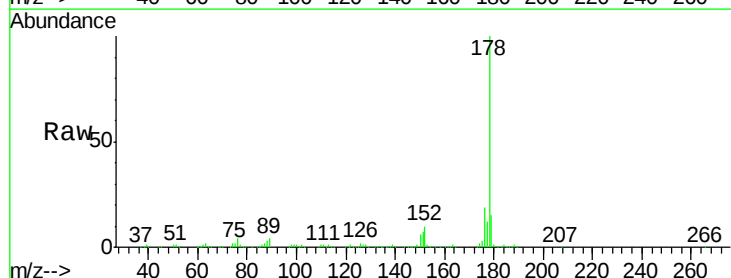


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

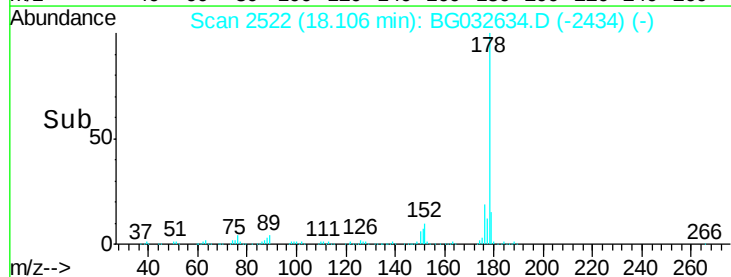
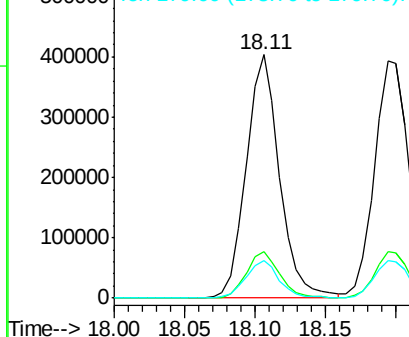


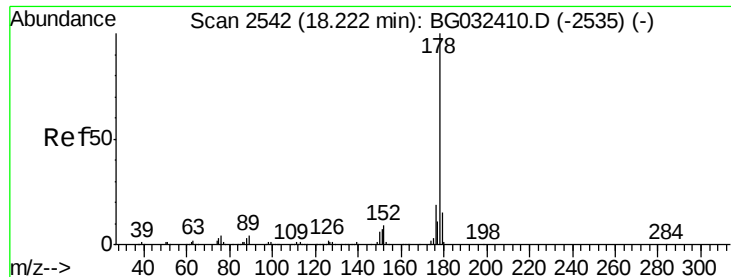
#70
 Phenanthrene
 Concen: 40.932 ng
 RT: 18.11 min Scan# 2522
 Delta R.T. -0.01 min
 Lab File: BG032634.D
 Acq: 9 Feb 2018 17:04

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.7	23.5
179	15.2	12.5	18.7



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71
 Anthracene
 Concen: 43.045 ng
 RT: 18.19 min Scan# 2537
 Delta R.T. -0.02 min
 Lab File: BG032634.D
 Acq: 9 Feb 2018 17:04

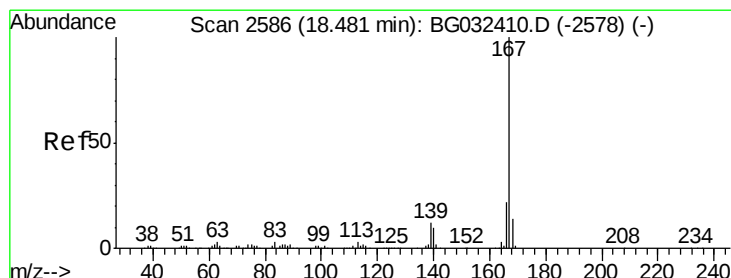
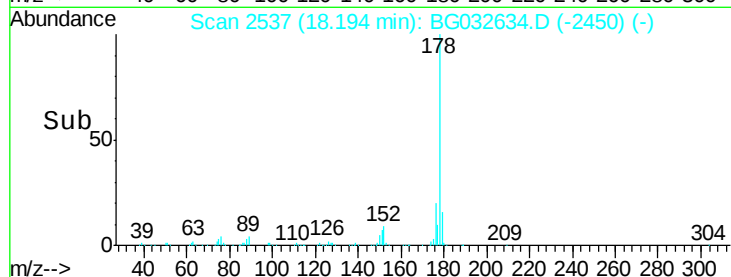
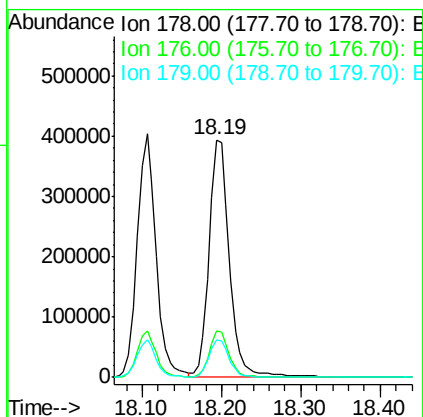
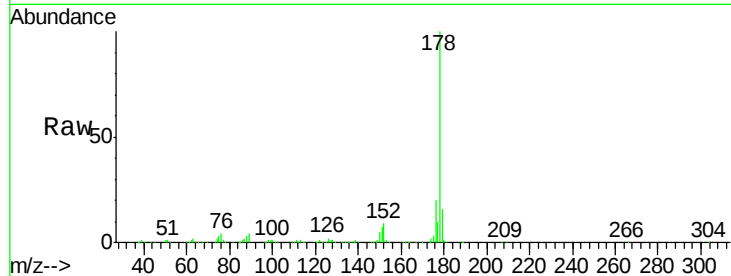
Instrument :
 BNA_G
 ClientSampled :
 RO-154MS

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	19.5	16.0	24.0	
179	15.6	12.5	18.7	

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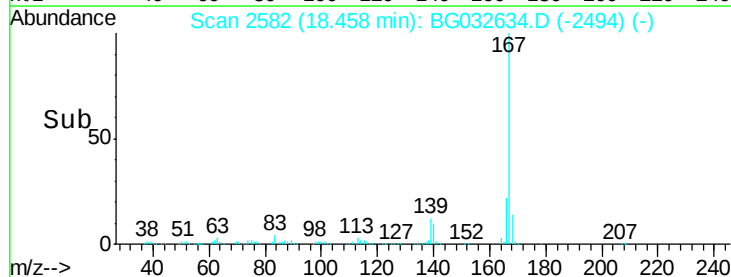
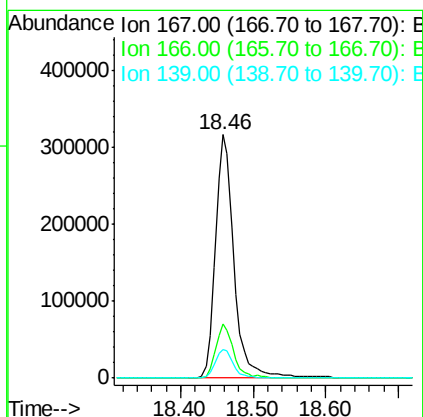
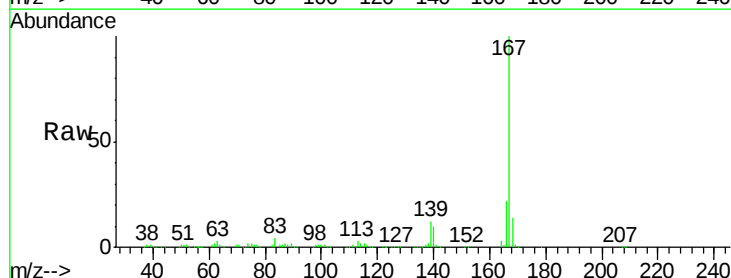
Sohil

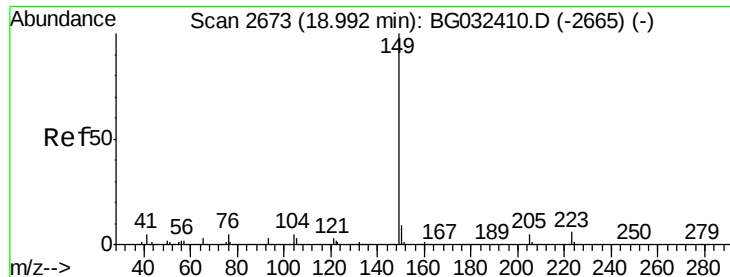
2/13/2018 11:29:45 AM



#72
 Carbazole
 Concen: 39.031 ng
 RT: 18.46 min Scan# 2582
 Delta R.T. -0.01 min
 Lab File: BG032634.D
 Acq: 9 Feb 2018 17:04

Tgt Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.1	18.2	27.4	
139	11.9	9.4	14.2	





#73

Di-n-butylphthalate

Concen: 39.528 ng

RT: 18.96 min Scan# 2668

Delta R.T. -0.01 min

Lab File: BG032634.D

Acq: 9 Feb 2018 17:04

Instrument :

BNA_G

ClientSampleId :

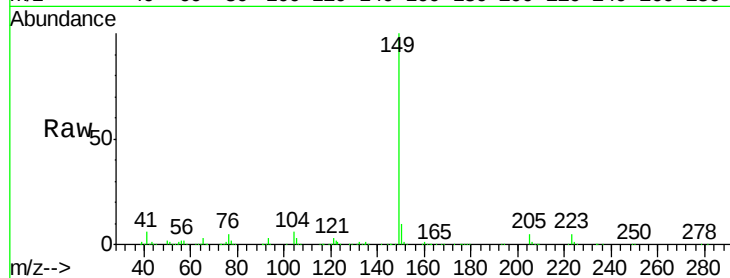
RO-154MS

Tot Ion:	149	Resp:	627805
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.8	11.6
104	5.5	3.9	5.9

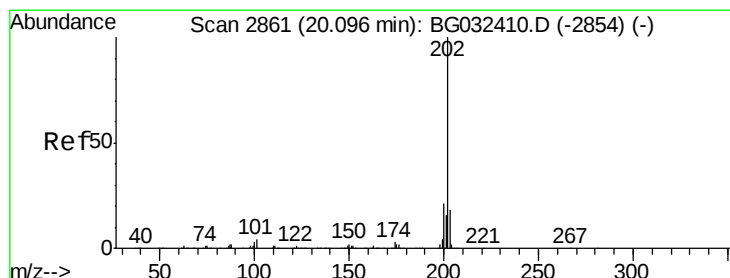
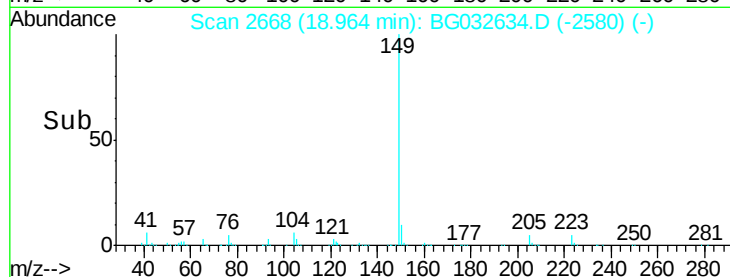
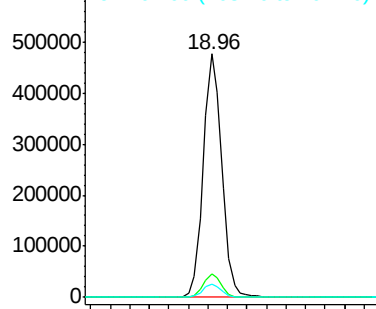
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.815 ng

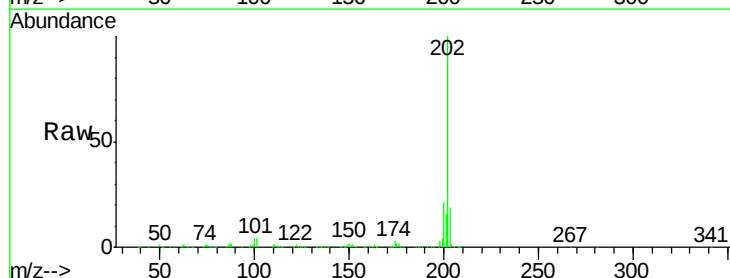
RT: 20.07 min Scan# 2857

Delta R.T. -0.01 min

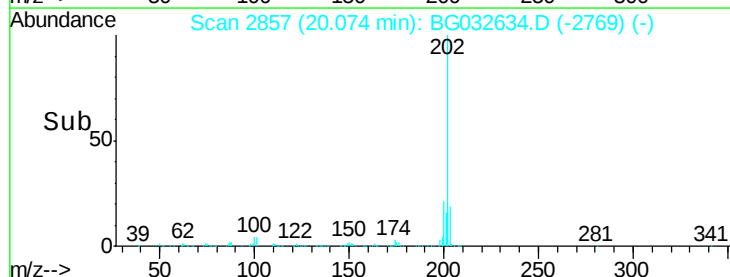
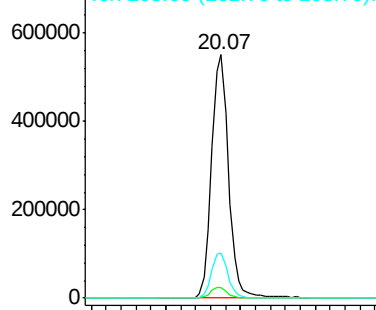
Lab File: BG032634.D

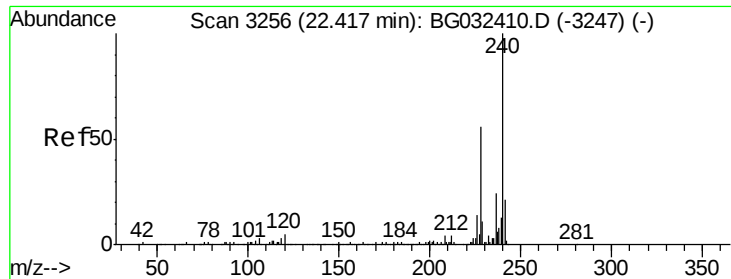
Acq: 9 Feb 2018 17:04

Tgt Ion:	202	Resp:	872773
Ion Ratio	Lower	Upper	
202	100		
101	4.4	0.0	28.9
203	18.8	0.0	37.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.39 min Scan# 3252

Delta R.T. -0.01 min

Lab File: BG032634.D

Acq: 9 Feb 2018 17:04

Instrument :

BNA_G

ClientSampled :

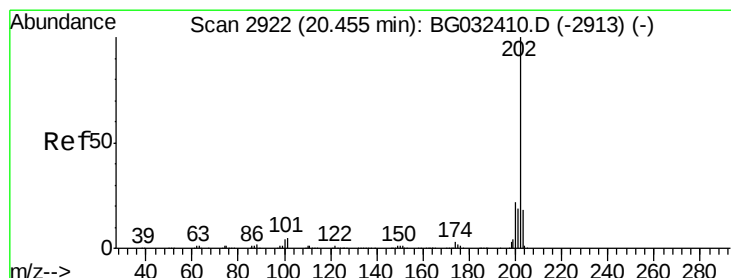
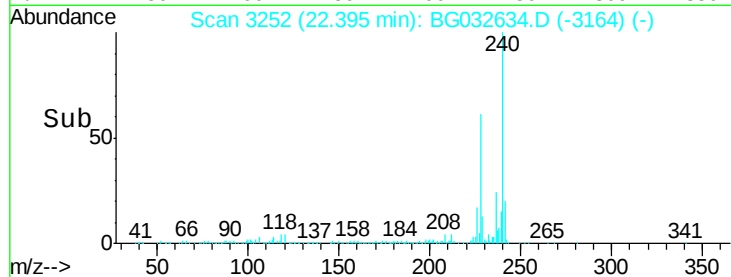
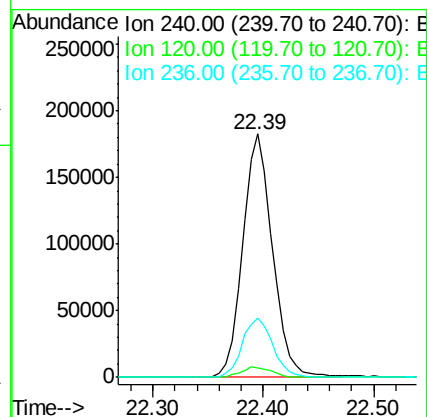
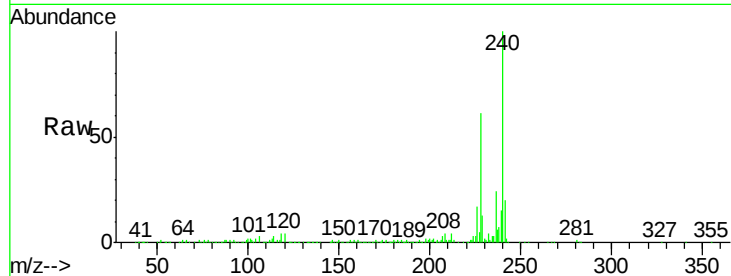
RO-154MS

Tot Ion:	240	Resp:	345487
Ion Ratio	Lower	Upper	
240	100		
120	3.8	6.8	10.2#
236	24.4	20.9	31.3

Manual Integrations
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#77

Pyrene

Concen: 41.000 ng

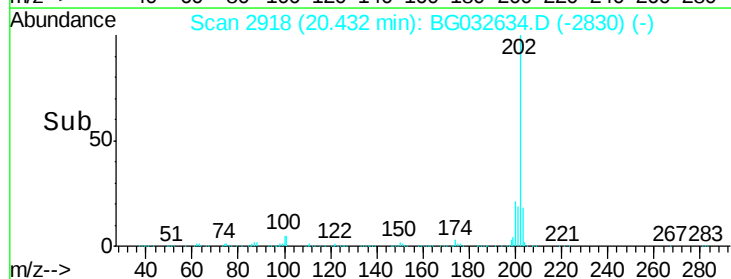
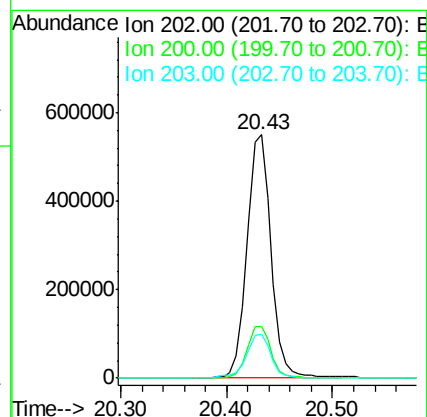
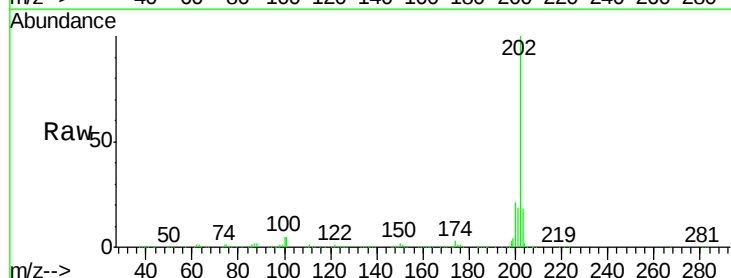
RT: 20.43 min Scan# 2918

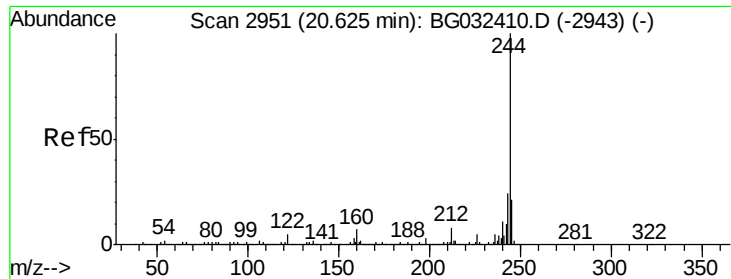
Delta R.T. -0.01 min

Lab File: BG032634.D

Acq: 9 Feb 2018 17:04

Tgt Ion:	202	Resp:	868800
Ion Ratio	Lower	Upper	
202	100		
200	21.1	16.9	25.3
203	18.3	13.9	20.9





#78
 Terphenyl-d14
 Concen: 91.007 ng
 RT: 20.60 min Scan# 2947
 Delta R.T. -0.01 min
 Lab File: BG032634.D
 Acq: 9 Feb 2018 17:04

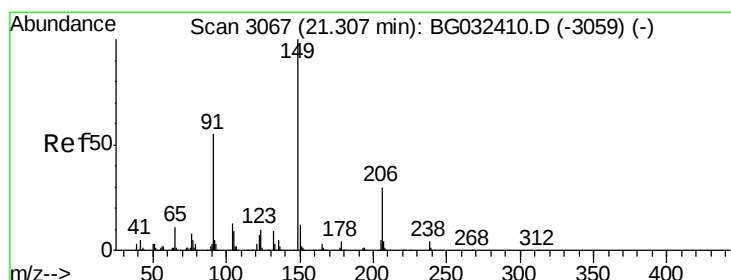
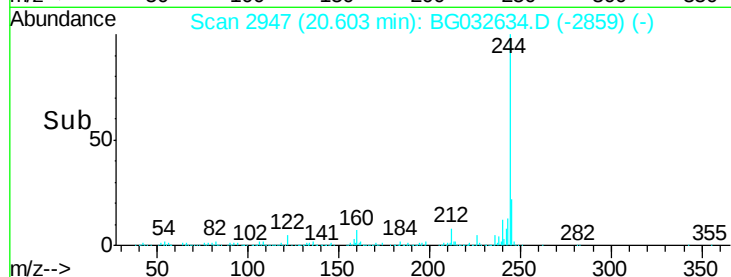
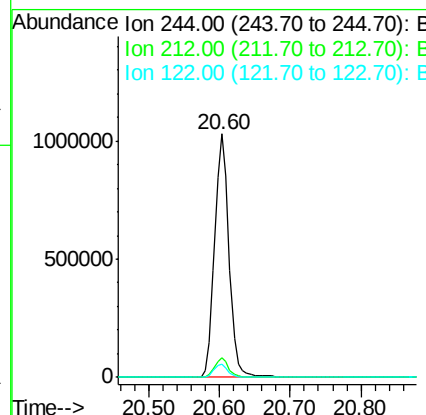
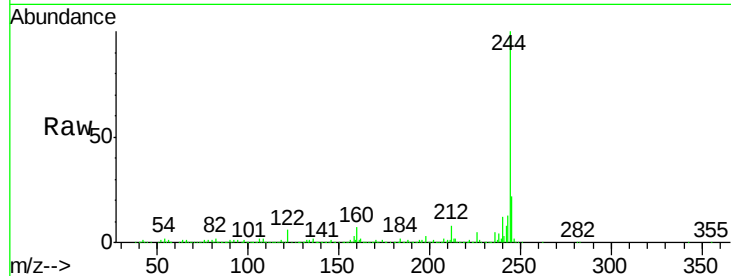
Instrument :
 BNA_G
 ClientSampled :
 RO-154MS

Tot Ion:244 Resp: 1467807
 Ion Ratio Lower Upper
 244 100
 212 8.2 5.8 8.8
 122 5.6 7.0 10.4#

Manual Integrations
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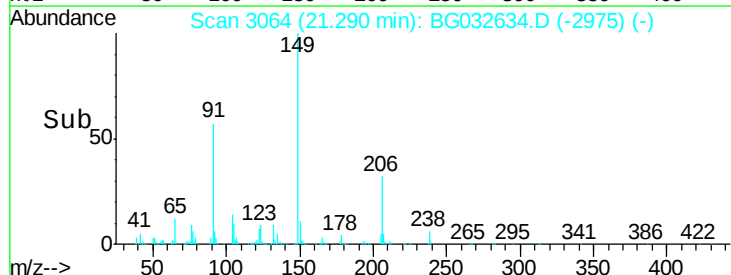
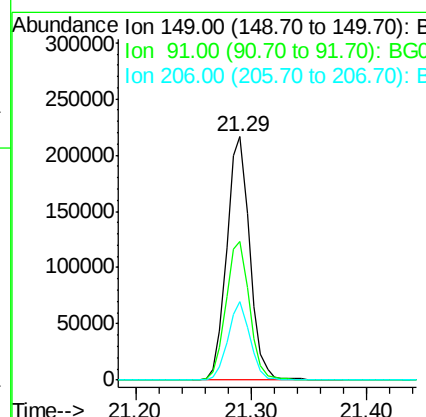
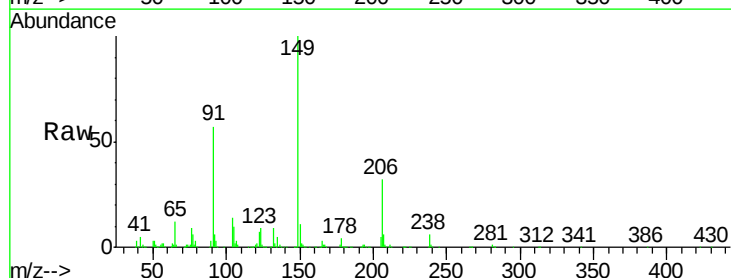
Sohil

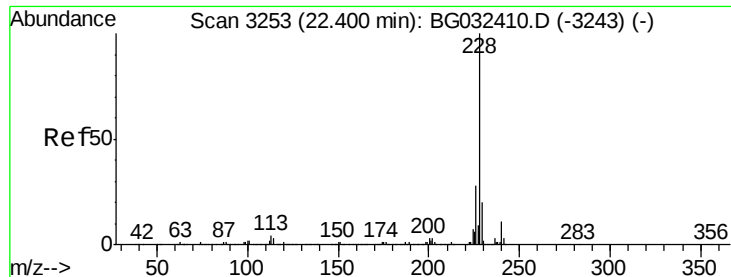
2/13/2018 11:29:45 AM



#79
 Butylbenzylphthalate
 Concen: 44.732 ng
 RT: 21.29 min Scan# 3064
 Delta R.T. -0.01 min
 Lab File: BG032634.D
 Acq: 9 Feb 2018 17:04

Tgt Ion:149 Resp: 298981
 Ion Ratio Lower Upper
 149 100
 91 57.2 62.2 93.2#
 206 32.3 18.6 27.8#





#80
Benzo(a)anthracene
Concen: 43.693 ng
RT: 22.37 min Scan# 3248
Delta R.T. -0.01 min
Lab File: BG032634.D
Acq: 9 Feb 2018 17:04

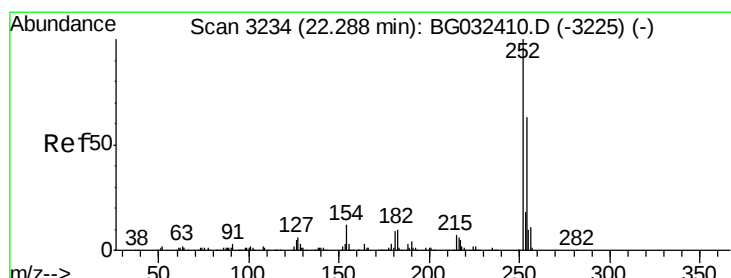
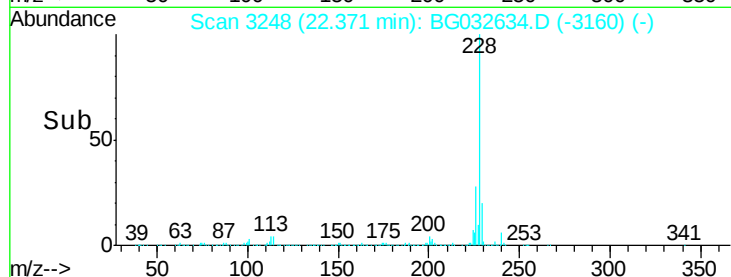
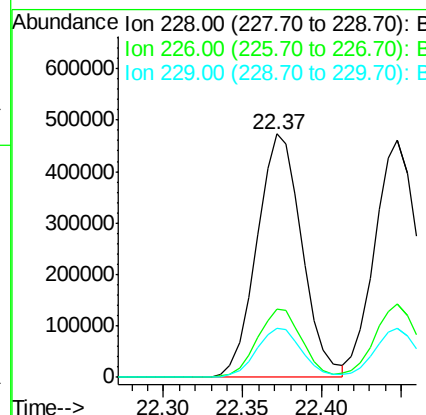
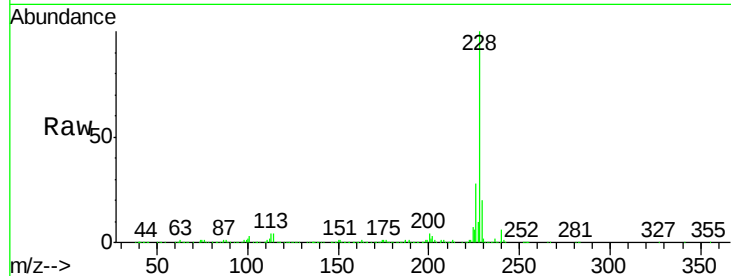
Instrument :
BNA_G
ClientSampleId :
RO-154MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.7	34.1
229	20.3	16.2	24.2

Manual Integrations
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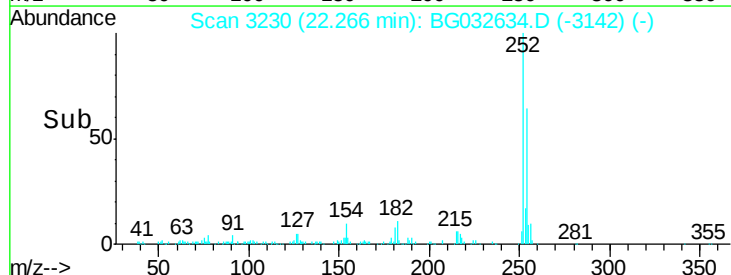
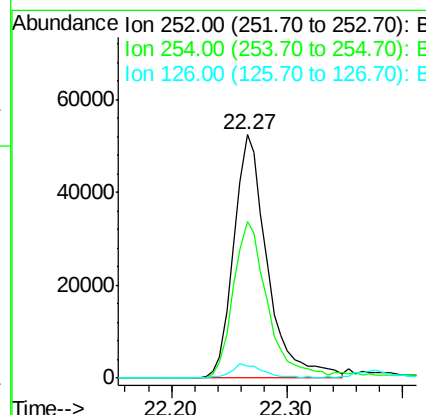
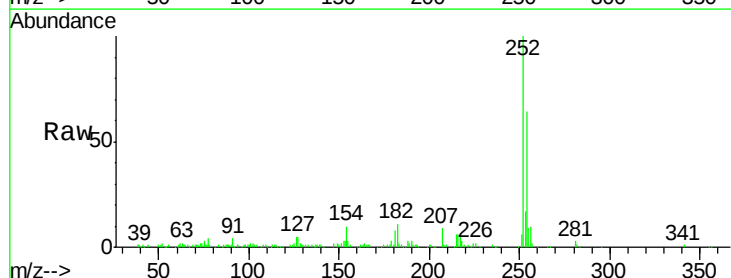
Sohil

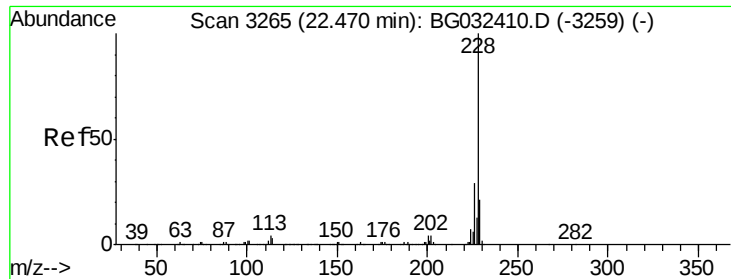
2/13/2018 11:29:45 AM



#81
3,3'-Dichlorobenzidine
Concen: 12.755 ng
RT: 22.27 min Scan# 3230
Delta R.T. -0.01 min
Lab File: BG032634.D
Acq: 9 Feb 2018 17:04

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.3	50.8	76.2
126	5.1	7.4	11.2#





#82

Chrysene

Concen: 43.280 ng

RT: 22.45 min Scan# 3261

Delta R.T. -0.01 min

Lab File: BG032634.D

Acq: 9 Feb 2018 17:04

Instrument :

BNA_G

ClientSampled :

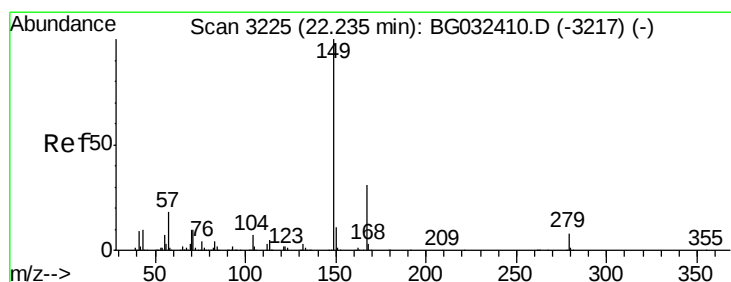
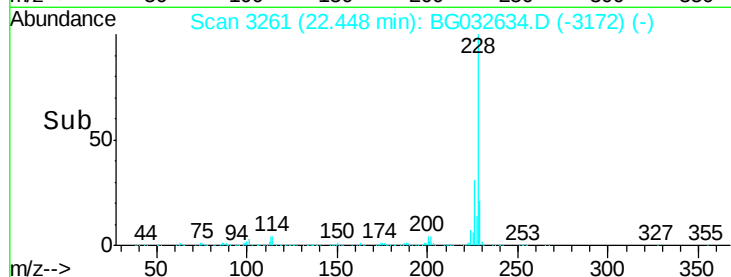
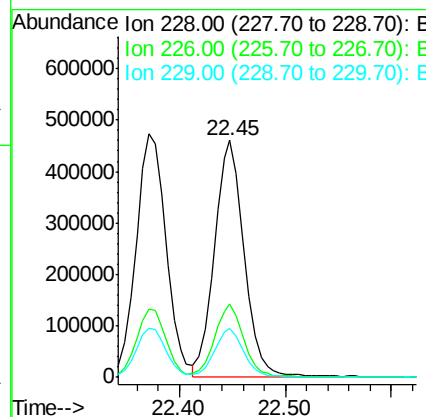
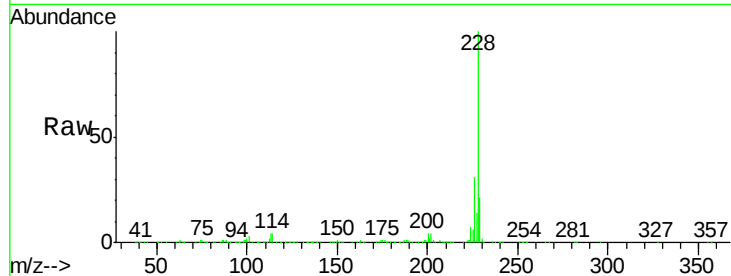
RO-154MS

Tot Ion:	228	Resp:	895212
Ion Ratio	Lower	Upper	
228	100		
226	30.8	24.9	37.3
229	20.9	15.0	22.4

Manual Integrations
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#83

Bis(2-ethylhexyl)phthalate

Concen: 44.646 ng

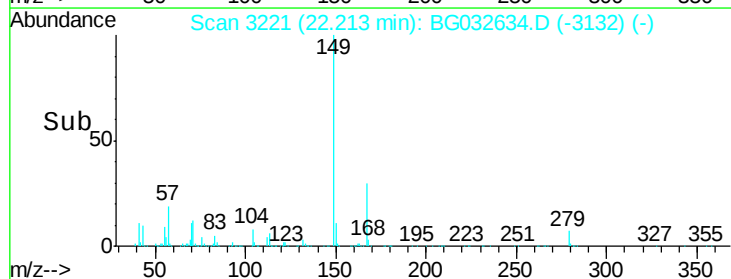
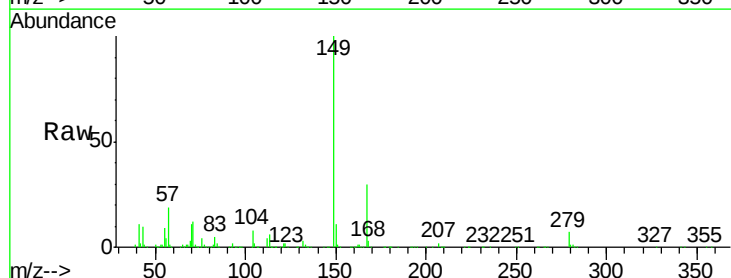
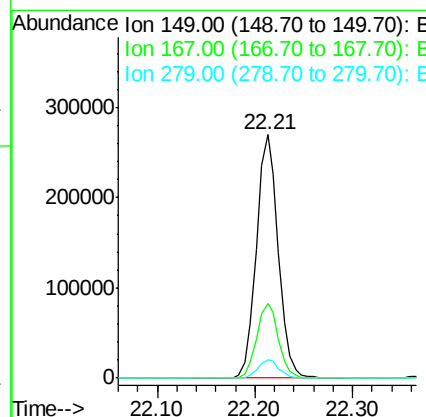
RT: 22.21 min Scan# 3221

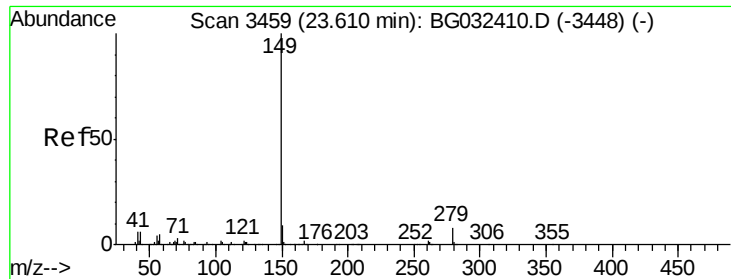
Delta R.T. -0.01 min

Lab File: BG032634.D

Acq: 9 Feb 2018 17:04

Tgt Ion:	149	Resp:	423111
Ion Ratio	Lower	Upper	
149	100		
167	30.5	24.3	36.5
279	7.4	4.0	6.0#





#84

Di-n-octyl phthalate

Concen: 48.446 ng

RT: 23.58 min Scan# 3454

Delta R.T. 0.00 min

Lab File: BG032634.D

Acq: 9 Feb 2018 17:04

Instrument :

BNA_G

ClientSampleId :

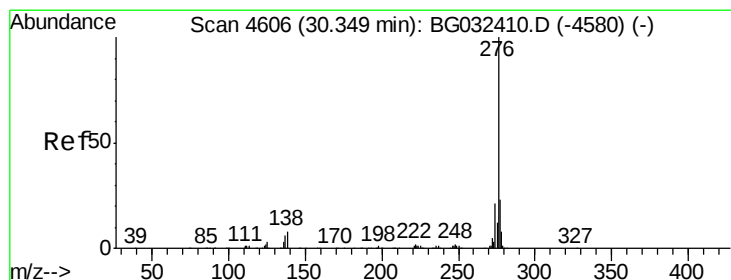
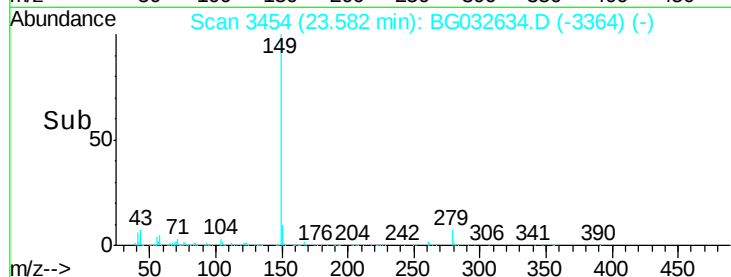
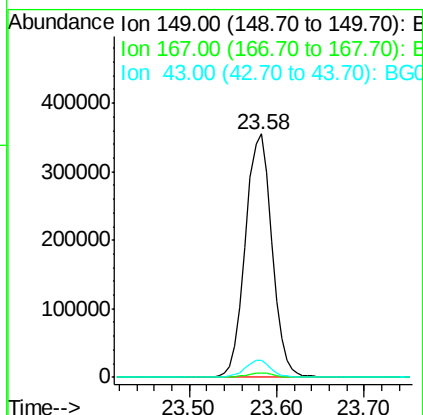
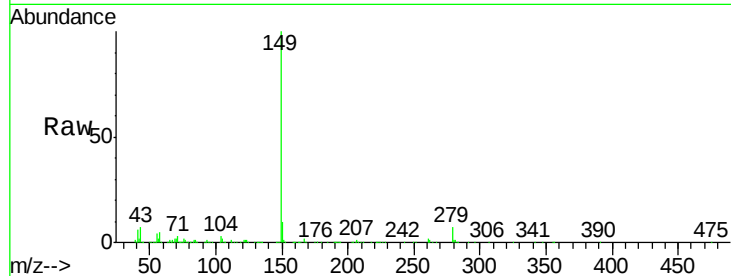
RO-154MS

Tot Ion:	149	Resp:	728225
Ion Ratio	Lower	Upper	
149	100		
167	1.9	1.4	2.0
43	6.8	8.9	13.3#

Manual Integrations
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Sohil

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#85

Indeno(1,2,3-cd)pyrene

Concen: 43.028 ng

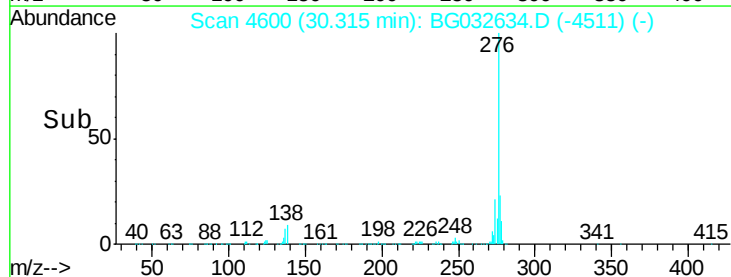
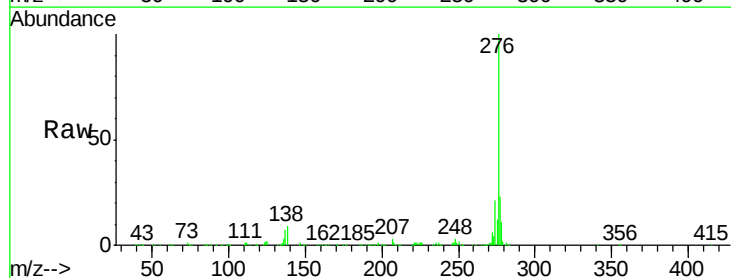
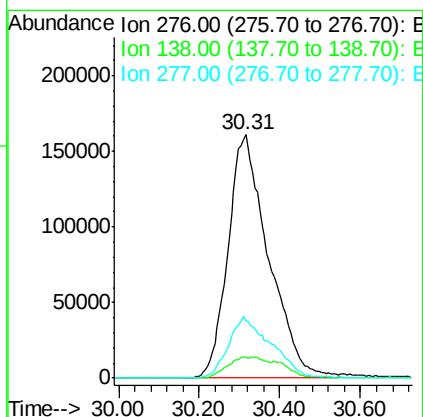
RT: 30.31 min Scan# 4600

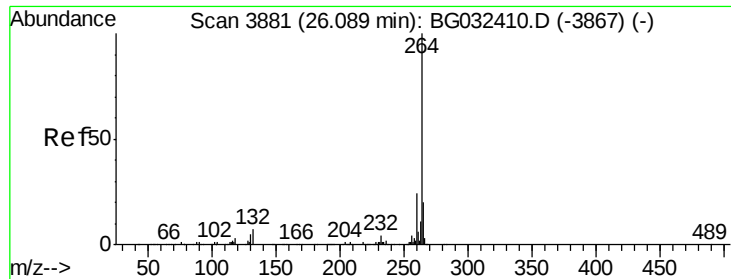
Delta R.T. -0.01 min

Lab File: BG032634.D

Acq: 9 Feb 2018 17:04

Tgt Ion:	276	Resp:	1125897
Ion Ratio	Lower	Upper	
276	100		
138	4.5	16.0	24.0#
277	26.4	20.0	30.0





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.06 min Scan# 3875
Delta R.T. -0.01 min
Lab File: BG032634.D
Acq: 9 Feb 2018 17:04

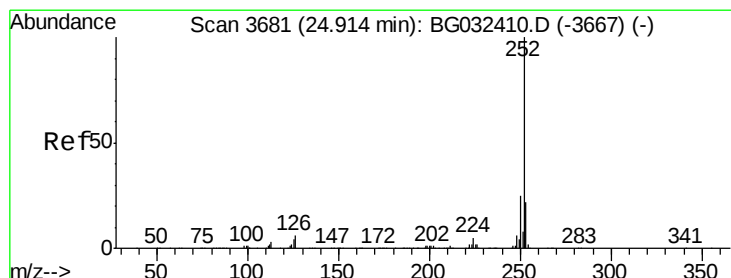
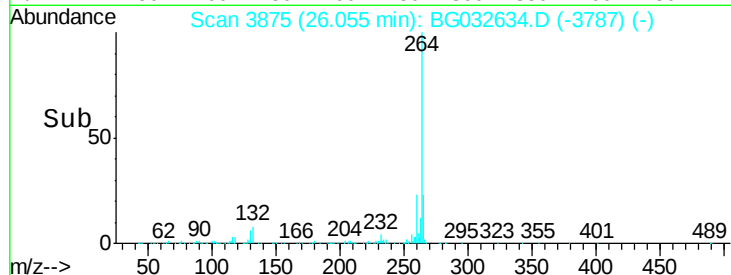
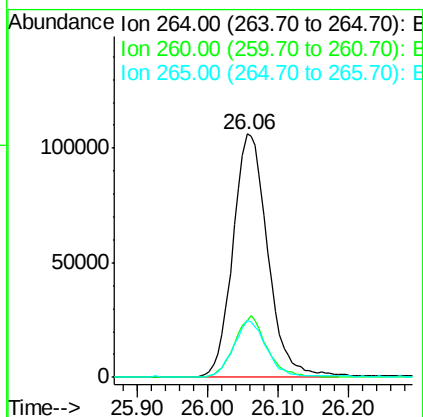
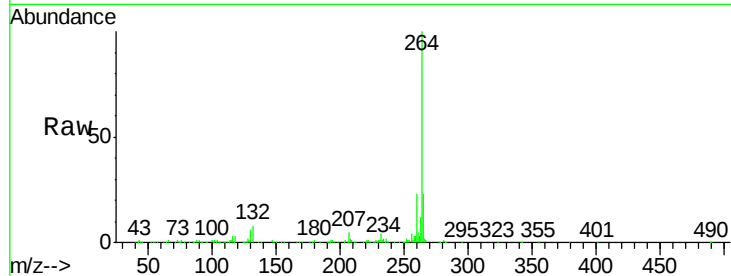
Instrument :
BNA_G
ClientSampled :
RO-154MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	23.1	17.7	26.5

Manual Integrations
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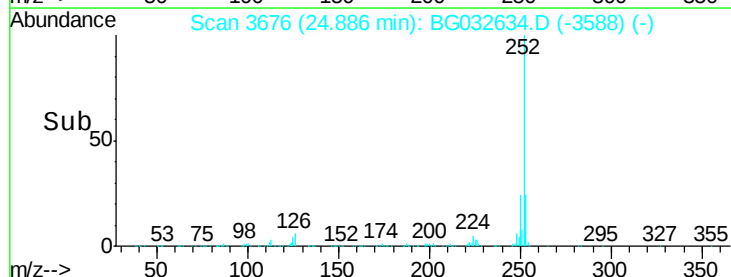
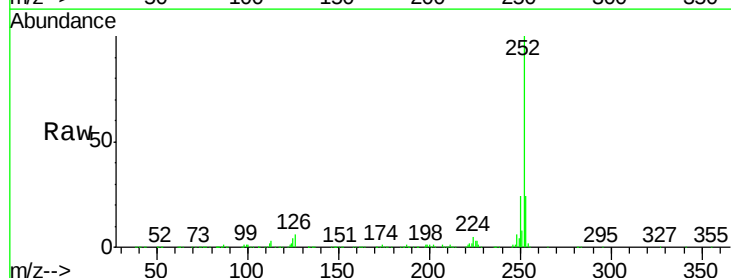
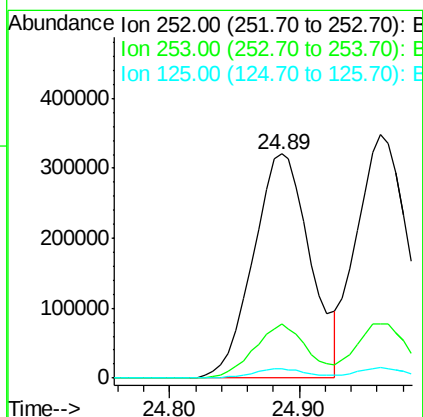
Sohil

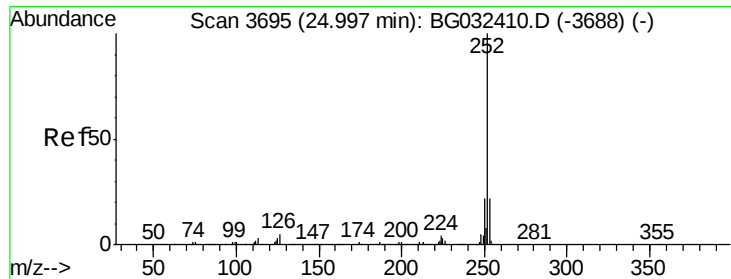
2/13/2018 11:29:45 AM



#87
Benzo(b)fluoranthene
Concen: 44.879 ng m
RT: 24.89 min Scan# 3676
Delta R.T. -0.01 min
Lab File: BG032634.D
Acq: 9 Feb 2018 17:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.2	27.4
125	4.2	7.2	10.8#





#88
Benzo(k)fluoranthene
Concen: 44.014 ng
RT: 24.96 min Scan# 3689
Delta R.T. -0.01 min
Lab File: BG032634.D
Acq: 9 Feb 2018 17:04

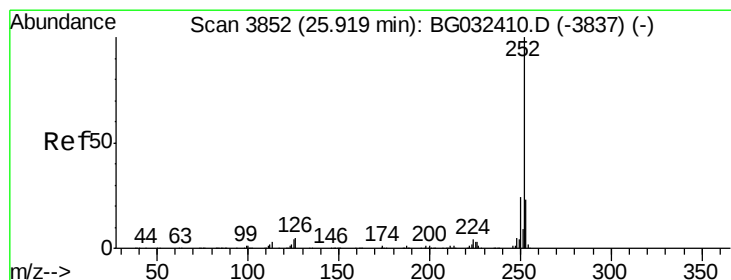
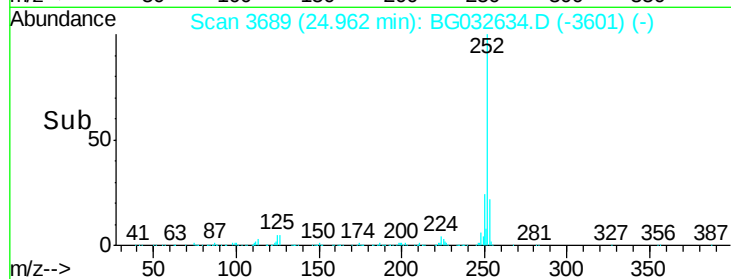
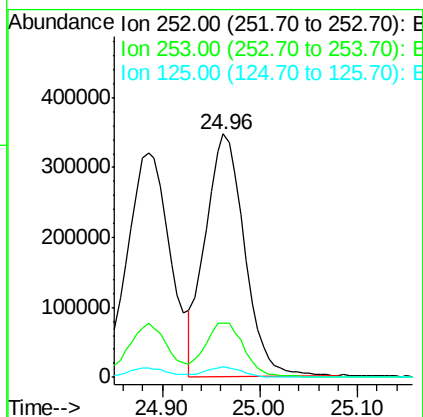
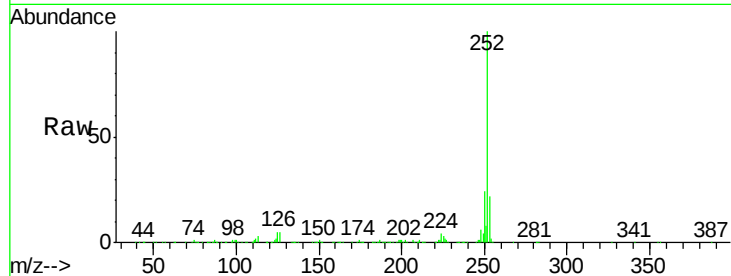
Instrument :
BNA_G
ClientSampleId :
RO-154MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	4.6	6.6	9.8

Manual Integrations
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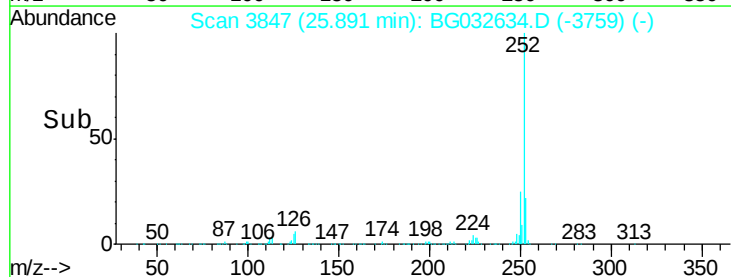
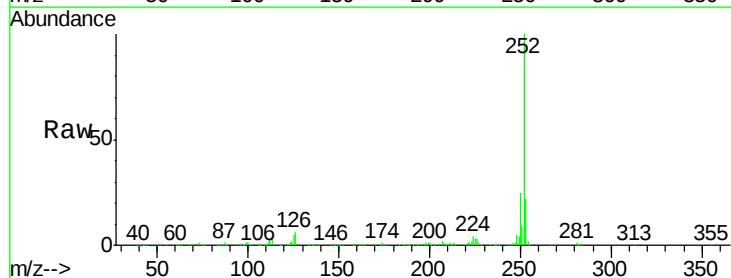
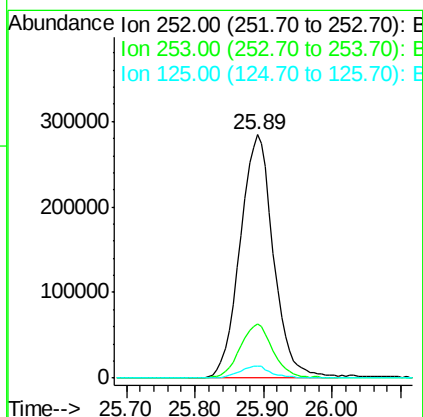
Sohil

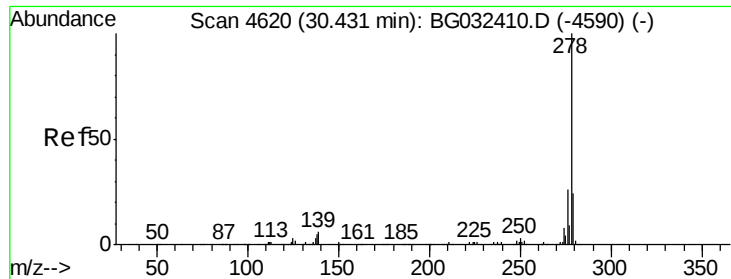
2/13/2018 11:29:45 AM



#89
Benzo(a)pyrene
Concen: 45.753 ng
RT: 25.89 min Scan# 3847
Delta R.T. -0.01 min
Lab File: BG032634.D
Acq: 9 Feb 2018 17:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.3	27.5
125	4.7	7.3	10.9





#90
Dibenzo(a,h)anthracene
Concen: 43.291 ng
RT: 30.39 min Scan# 4613
Delta R.T. -0.01 min
Lab File: BG032634.D
Acq: 9 Feb 2018 17:04

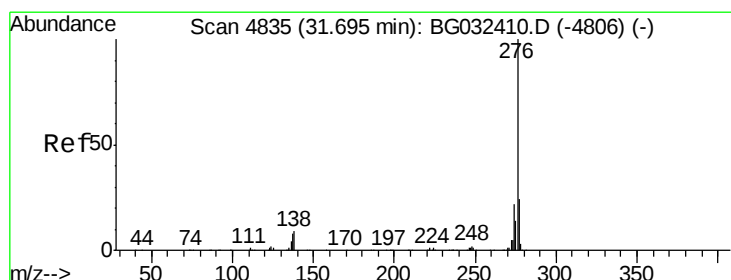
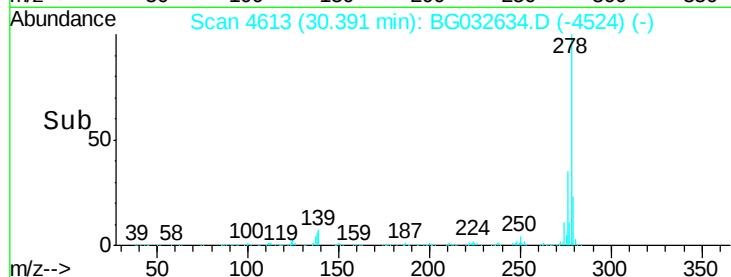
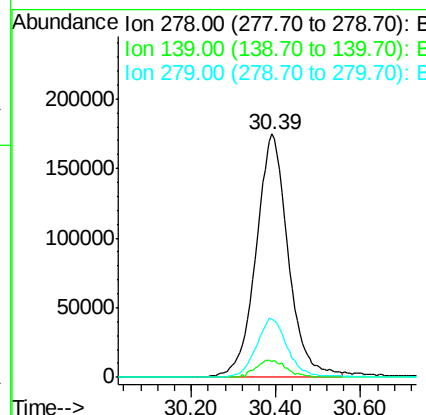
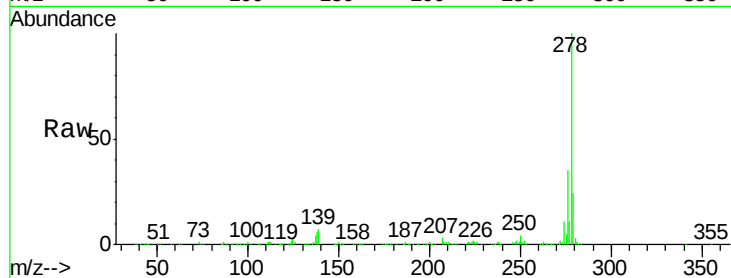
Instrument :
BNA_G
ClientSampleId :
RO-154MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	6.6	9.8	14.6#
279	23.6	18.4	27.6

Manual Integrations
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Sohil

2/13/2018 11:29:45 AM



#91
Benzo(g,h,i)perylene
Concen: 43.406 ng
RT: 31.65 min Scan# 4828
Delta R.T. -0.01 min
Lab File: BG032634.D
Acq: 9 Feb 2018 17:04

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.3	27.5
138	9.8	13.9	20.9#

