

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110217\
 Data File : BG030678.D
 Acq On : 3 Nov 2017 1:02
 Operator : SJ/JU
 Sample : I6157-09MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RLF-SD-6MSD

Manual Integrations
 APPROVED

Quant Time: Nov 03 02:24:56 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 17:41:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	92518	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	435666	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	296198	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	721898	20.00	ng	0.00
75) Chrysene-d12	21.78	240	794410	20.00	ng	0.00
86) Perylene-d12	25.08	264	830397	20.00	ng	-0.02

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System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	553504	99.94	ng	0.00
7) Phenol-d6	7.31	99	767917	98.78	ng	0.00
23) Nitrobenzene-d5	9.32	82	444681	64.86	ng	0.00
41) 2,4,6-Tribromophenol	16.25	330	407740	106.62	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	1223497	60.58	ng	0.00
78) Terphenyl-d14	20.10	244	1962295	56.19	ng	0.00

11/3/2017 1:25:00 PM

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.57	88	62660	27.886	ng	# 82
3) Pyridine	3.98	79	171832	26.260	ng	# 88
4) n-Nitrosodimethylamine	3.89	42	90367	29.544	ng	# 93
6) Aniline	7.47	93	267498	27.789	ng	# 94
8) 2-Chlorophenol	7.72	128	203147	32.002	ng	# 91
9) Benzaldehyde	7.28	77	79954	20.449	ng	# 92
10) Phenol	7.34	94	314585	37.537	ng	# 91
11) bis(2-Chloroethyl)ether	7.57	93	188668	30.899	ng	# 92
12) 1,3-Dichlorobenzene	8.04	146	195253	27.396	ng	# 96
13) 1,4-Dichlorobenzene	8.19	146	195846	26.915	ng	# 95
14) 1,2-Dichlorobenzene	8.51	146	191454	27.279	ng	# 97
15) Benzyl Alcohol	8.39	79	185363	33.836	ng	# 92
16) 2,2'-oxybis(1-Chloropropan	8.68	45	292140	28.172	ng	# 94
17) 2-Methylphenol	8.59	107	191238	34.350	ng	# 96
18) Hexachloroethane	9.24	117	64901	26.173	ng	# 92
19) n-Nitroso-di-n-propylamine	8.96	70	161584	30.570	ng	# 96
20) 3+4-Methylphenols	8.92	107	266664	33.994	ng	# 94
22) Acetophenone	8.98	105	308907	29.422	ng	# 94
24) Nitrobenzene	9.36	77	231074	29.977	ng	# 92
25) Isophorone	9.89	82	466888	32.622	ng	# 92
26) 2-Nitrophenol	10.07	139	119799	32.517	ng	# 90
27) 2,4-Dimethylphenol	10.13	122	222406	33.366	ng	# 91
28) bis(2-Chloroethoxy)methane	10.36	93	289907	33.034	ng	# 97
29) 2,4-Dichlorophenol	10.61	162	243443	34.249	ng	# 94
30) 1,2,4-Trichlorobenzene	10.83	180	227278	29.596	ng	# 99
31) Naphthalene	11.02	128	626831	28.869	ng	# 99
33) 4-Chloroaniline	11.12	127	251389	27.524	ng	# 95
34) Hexachlorobutadiene	11.30	225	133168	27.891	ng	# 95
35) Caprolactam	11.89	113	84187m	35.637	ng	# 86
36) 4-Chloro-3-methylphenol	12.24	107	257102	32.887	ng	# 92
37) 2-Methylnaphthalene	12.61	142	499427	31.560	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	287628	26.597	ng	# 93
40) Hexachlorocyclopentadiene	12.95	237	291485	71.667	ng	# 98
42) 2,4,6-Trichlorophenol	13.21	196	216771	31.931	ng	# 98

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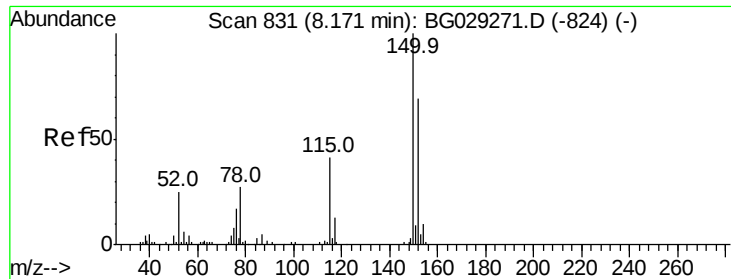
Instrument :
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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.29	196	237651	34.087	nq	96
45) 1,1'-Biphenyl	13.61	154	681220	26.757	nq	97
46) 2-Chloronaphthalene	13.66	162	543732	29.280	nq	96
47) 2-Nitroaniline	13.85	65	175982	34.501	nq	# 83
48) Acenaphthylene	14.50	152	853470	29.366	nq	99
49) Dimethylphthalate	14.22	163	961476	41.604	nq	99
50) 2,6-Dinitrotoluene	14.34	165	170949	35.287	nq	# 80
51) Acenaphthene	14.83	154	515793	27.277	nq	100
52) 3-Nitroaniline	14.67	138	163907	31.354	nq	# 76
53) 2,4-Dinitrophenol	14.88	184	39366	20.164	nq	# 50
54) Dibenzofuran	15.17	168	858676	31.809	nq	100
55) 4-Nitrophenol	14.98	139	259580	60.230	nq	# 80
56) 2,4-Dinitrotoluene	15.13	165	246324	37.560	nq	# 77
57) Fluorene	15.81	166	677151	30.365	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.39	232	221647	38.106	nq	# 94
59) Diethylphthalate	15.57	149	733333	31.840	nq	97
60) 4-Chlorophenyl-phenylether	15.80	204	383703	32.271	nq	95
61) 4-Nitroaniline	15.83	138	196975	36.695	nq	84
62) Azobenzene	16.10	77	691120	35.585	nq	93
64) 4,6-Dinitro-2-methylphenol	15.89	198	82203	22.938	nq	82
65) n-Nitrosodiphenylamine	16.01	169	647871	29.959	nq	98
66) 4-Bromophenyl-phenylether	16.70	248	259568	31.335	nq	98
67) Hexachlorobenzene	16.82	284	283270	30.189	nq	97
68) Atrazine	16.95	200	260594	33.773	nq	100
69) Pentachlorophenol	17.16	266	295412	54.806	nq	98
70) Phenanthrene	17.55	178	1123437	30.124	nq	97
71) Anthracene	17.64	178	1152856	30.786	nq	98
72) Carbazole	17.91	167	1129738	31.405	nq	100
73) Di-n-butylphthalate	18.45	149	1258588	30.421	nq	99
74) Fluoranthene	19.55	202	1416170	32.466	nq	96
76) Benzidine	19.72	184	825249	34.405	nq	98
77) Pyrene	19.91	202	1439387	29.869	nq	94
79) Butylbenzylphthalate	20.78	149	620688	30.232	nq	89
80) Benzo(a)anthracene	21.76	228	1490304	31.952	nq	98
81) 3,3'-Dichlorobenzidine	21.67	252	499771	25.960	nq	99
82) Chrysene	21.83	228	1395324	31.238	nq	96
83) Bis(2-ethylhexyl)phthalate	21.65	149	910749	30.909	nq	99
84) Di-n-octyl phthalate	22.88	149	1556207	30.304	nq	96
85) Indeno(1,2,3-cd)pyrene	28.87	276	1861406	33.873	nq	# 88
87) Benzo(b)fluoranthene	24.03	252	1570028	33.025	nq	99
88) Benzo(k)fluoranthene	24.10	252	1500772	31.687	nq	97
89) Benzo(a)pyrene	24.93	252	1510294	33.046	nq	100
90) Dibenzo(a,h)anthracene	28.93	278	1544099	33.371	nq	95
91) Benzo(g,h,i)perylene	30.06	276	1535436	35.715	nq	98

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



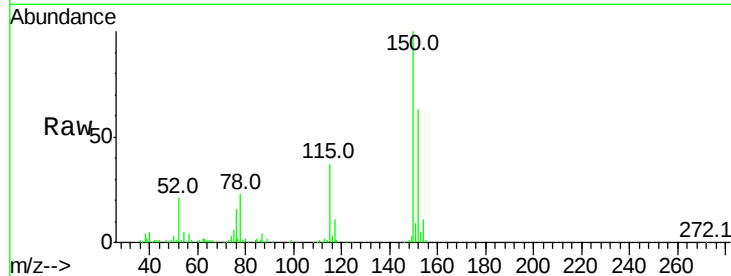
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG030678.D
Acq: 3 Nov 2017 1:02

Instrument :
BNA_G
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RLF-SD-6MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	126.6	189.8
115	59.7	53.0	79.4

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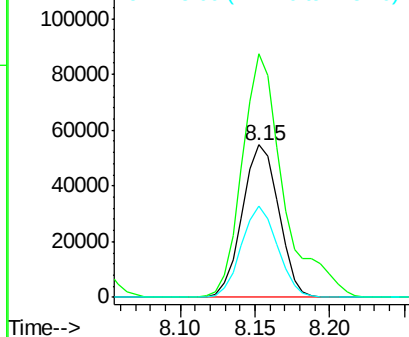


Abundance

Ion 152.00 (151.70 to 152.70): E

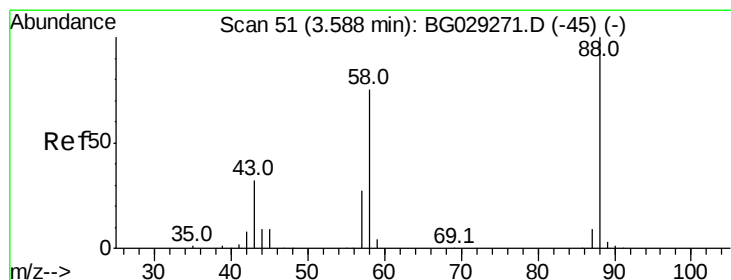
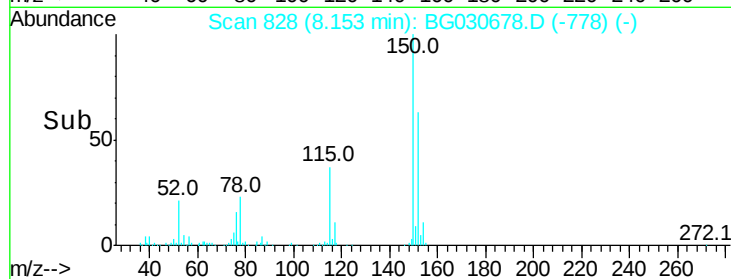
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



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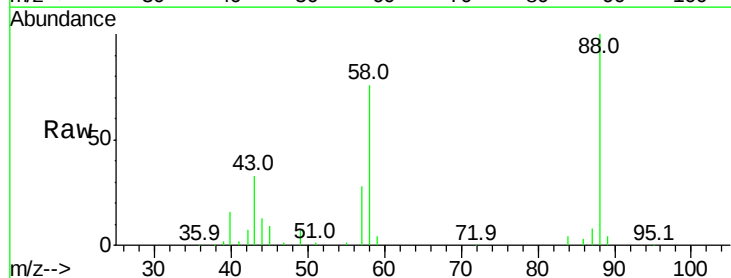
11/3/2017 1:25:00 PM



#2

1,4-Dioxane
Concen: 27.886 ng
RT: 3.57 min Scan# 48
Delta R.T. -0.01 min
Lab File: BG030678.D
Acq: 3 Nov 2017 1:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.7	79.6	119.4#
43	33.1	27.4	41.0

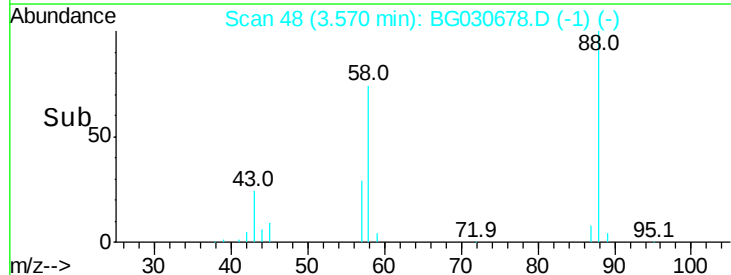
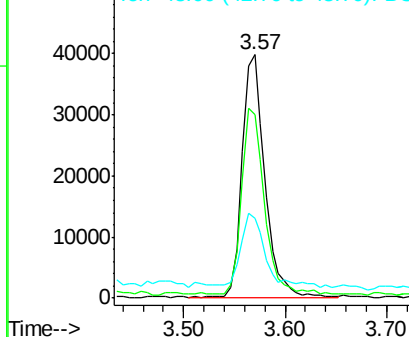


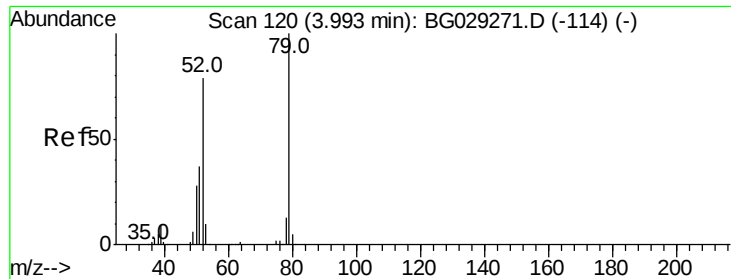
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 26.260 ng

RT: 3.98 min Scan# 117

Delta R.T. -0.01 min

Lab File: BG030678.D

Acq: 3 Nov 2017 1:02

Instrument :

BNA_G

ClientSampleId :

RLF-SD-6MSD

Tot Ion: 79 Resp: 171832

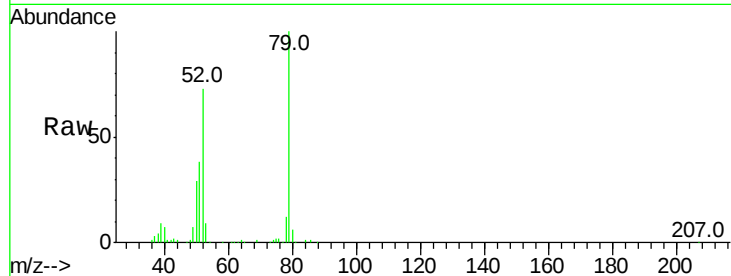
Ion Ratio Lower Upper

79 100

52 73.4 69.9 104.9

51 38.0 34.0 51.0

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Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

120000

100000

80000

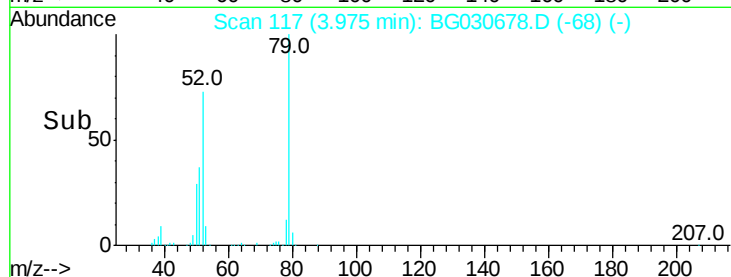
60000

40000

20000

0

Time-->



#4

n-Nitrosodimethylamine

Concen: 29.544 ng

RT: 3.89 min Scan# 102

Delta R.T. -0.01 min

Lab File: BG030678.D

Acq: 3 Nov 2017 1:02

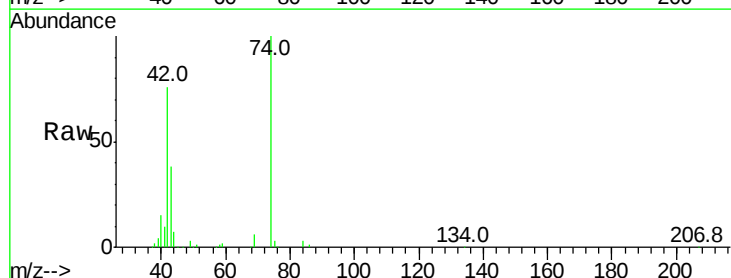
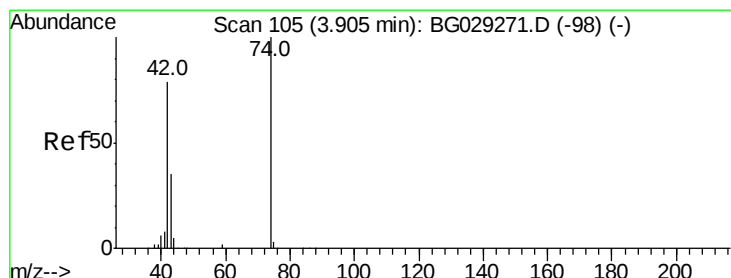
Tgt Ion: 42 Resp: 90367

Ion Ratio Lower Upper

42 100

74 131.4 102.5 153.7

44 8.6 18.9 28.3#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC

80000

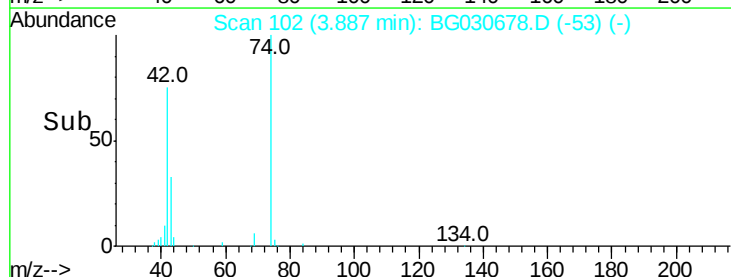
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Time-->



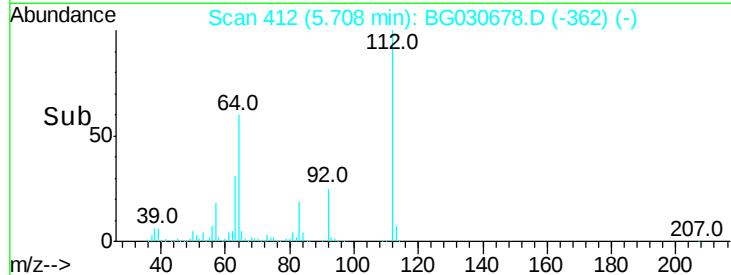
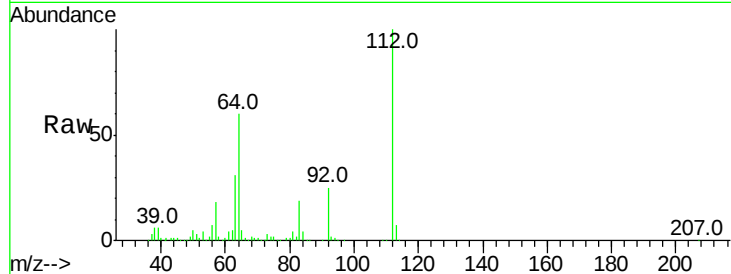
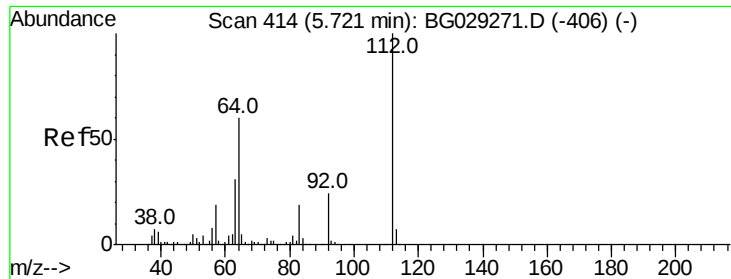
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60000

40000

20000

0

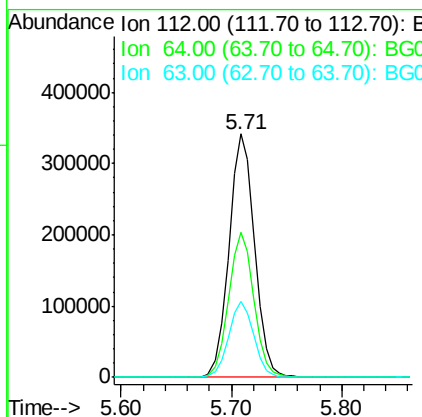


#5
2-Fluorophenol
Concen: 99.944 ng
RT: 5.71 min Scan# 412
Delta R.T. -0.01 min
Lab File: BG030678.D
Acq: 3 Nov 2017 1:02

Tot Ion:	112	Resp:	553504
Ion Ratio	Lower	Upper	
112	100		
64	59.7	56.3	84.5
63	31.0	30.1	45.1

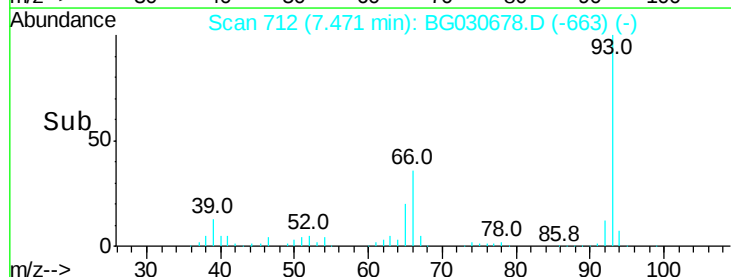
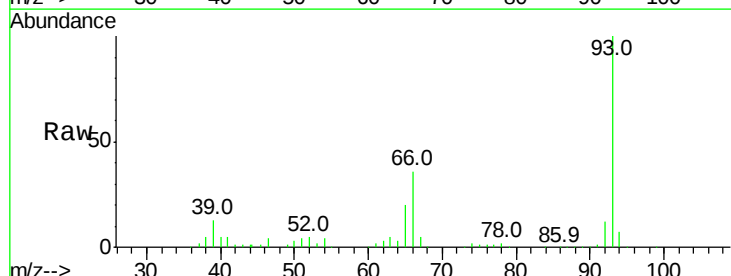
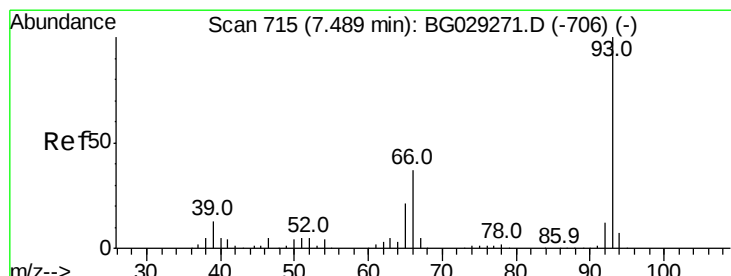
Instrument :
BNA_G
ClientSampleId :
RLF-SD-6MSD

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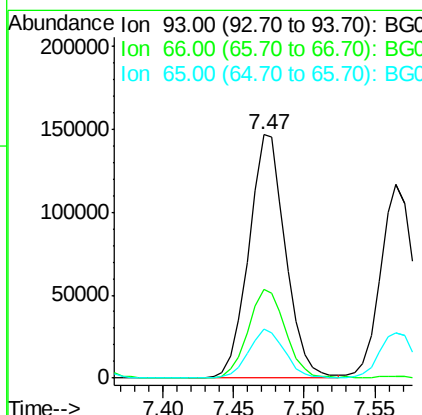
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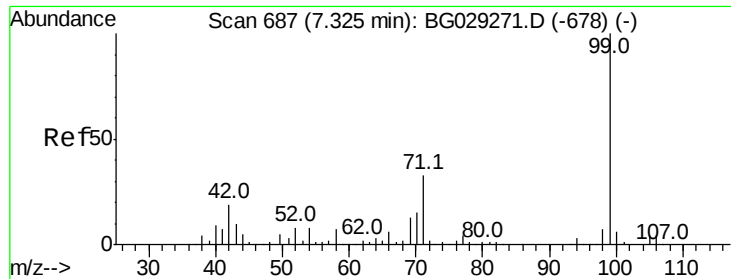
11/3/2017 1:25:00 PM



#6
Aniline
Concen: 27.789 ng
RT: 7.47 min Scan# 712
Delta R.T. -0.01 min
Lab File: BG030678.D
Acq: 3 Nov 2017 1:02

Tgt Ion:	93	Resp:	267498
Ion Ratio	Lower	Upper	
93	100		
66	36.4	33.7	50.5
65	20.3	16.1	24.1





#7

Phenol-d6

Concen: 98.784 ng

RT: 7.31 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG030678.D

Acq: 3 Nov 2017 1:02

Instrument :

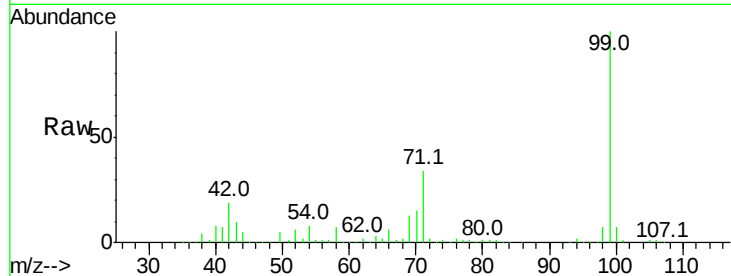
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ClientSampleId :

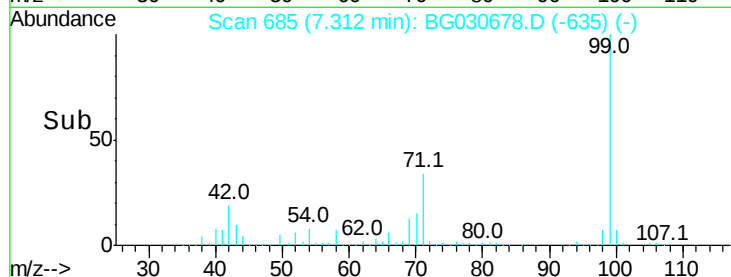
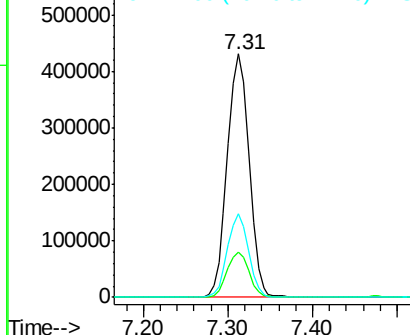
RLF-SD-6MSD

Tot Ion:	99	Resp:	767917
Ion Ratio	Lower	Upper	
99	100		
42	18.7	14.1	21.1
71	34.3	26.1	39.1

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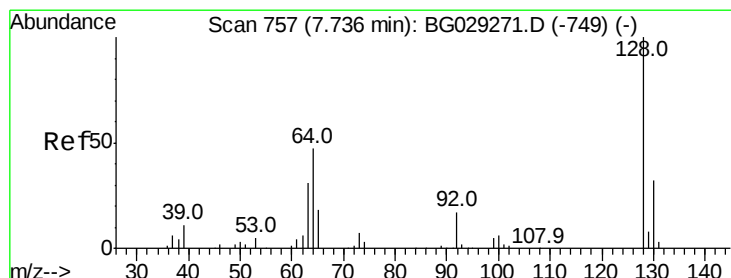


Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



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#8

2-Chlorophenol

Concen: 32.002 ng

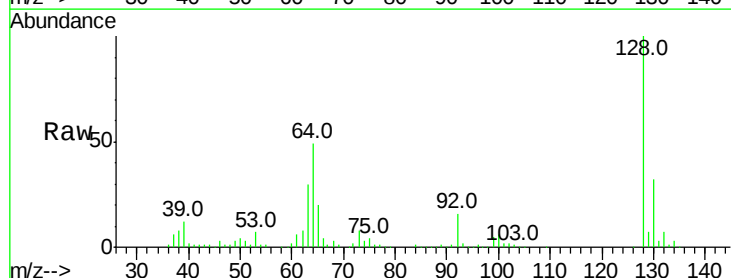
RT: 7.72 min Scan# 754

Delta R.T. -0.01 min

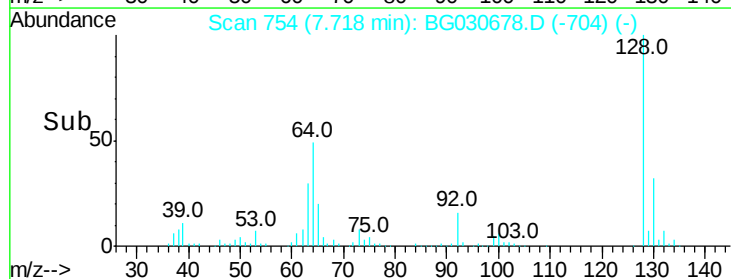
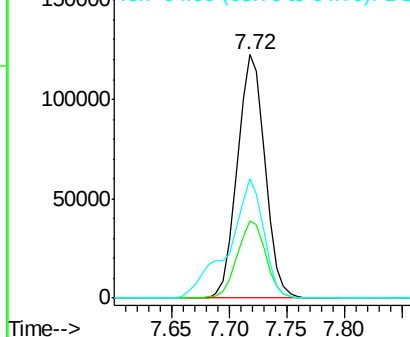
Lab File: BG030678.D

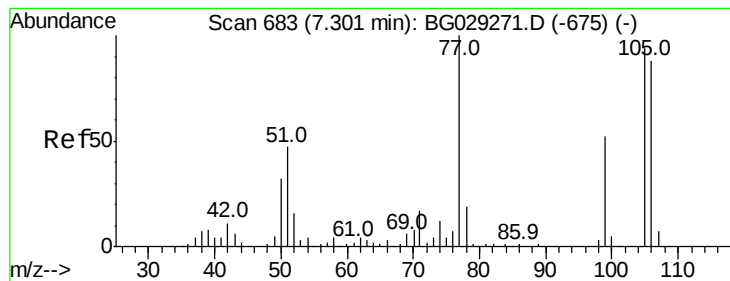
Acq: 3 Nov 2017 1:02

Tgt Ion:	128	Resp:	203147
Ion Ratio	Lower	Upper	
128	100		
130	31.6	14.0	54.0
64	49.1	37.7	77.7



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





#9

Benzaldehyde

Concen: 20.449 ng

RT: 7.28 min Scan# 680

Delta R.T. -0.01 min

Lab File: BG030678.D

Acq: 3 Nov 2017 1:02

Instrument :

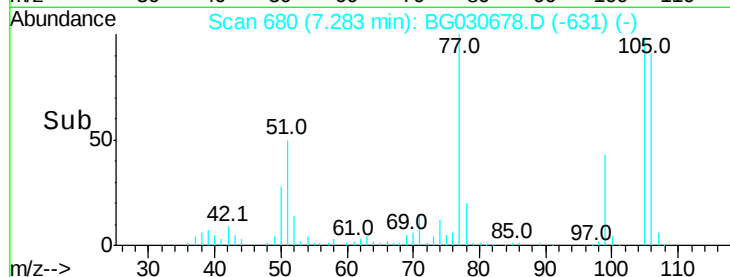
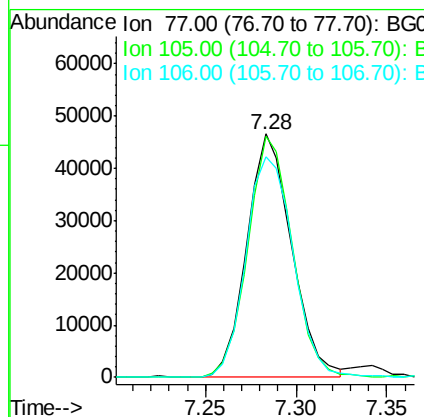
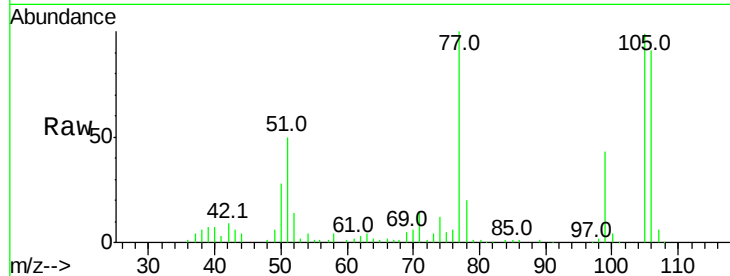
BNA_G

ClientSampleId :

RLF-SD-6MSD

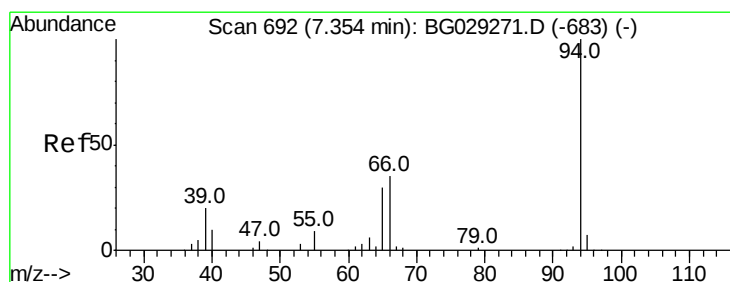
Tot Ion:	77	Resp:	79954
Ion	Ratio	Lower	Upper
77	100		
105	98.9	71.3	111.3
106	90.9	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 37.537 ng

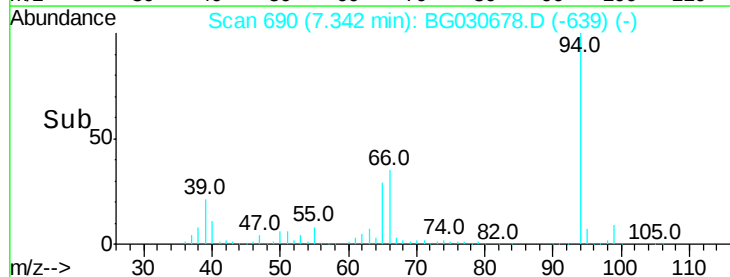
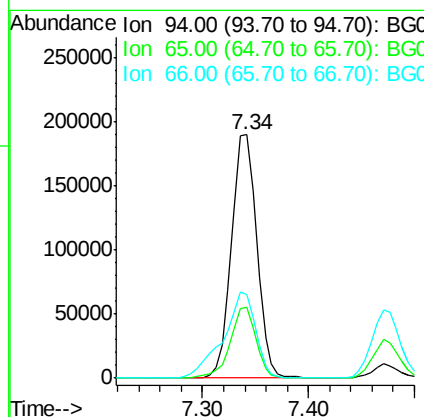
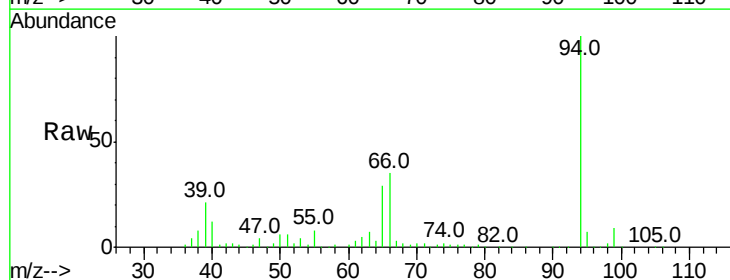
RT: 7.34 min Scan# 690

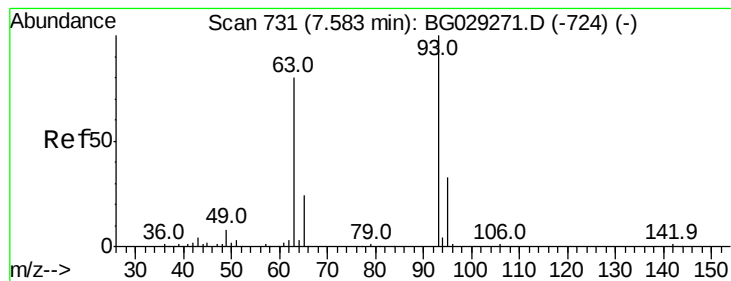
Delta R.T. 0.00 min

Lab File: BG030678.D

Acq: 3 Nov 2017 1:02

Tgt Ion:	94	Resp:	314585
Ion	Ratio	Lower	Upper
94	100		
65	28.9	11.9	51.9
66	34.5	22.2	62.2



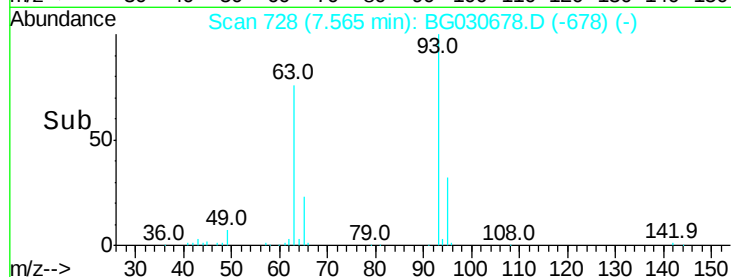
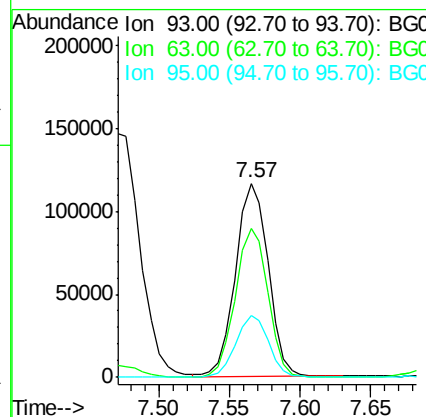
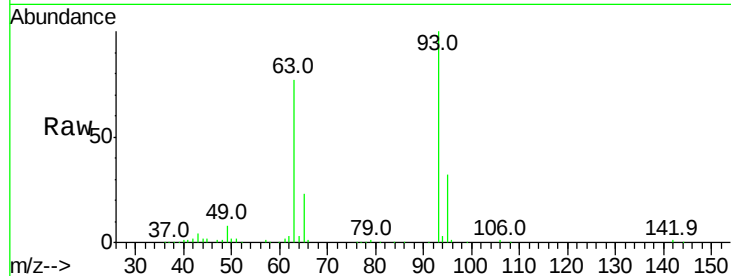


#11
bis(2-Chloroethyl)ether
Concen: 30.899 ng
RT: 7.57 min Scan# 728
Delta R.T. -0.01 min
Lab File: BG030678.D
Acq: 3 Nov 2017 1:02

Instrument :
BNA_G
ClientSampleId :
RLF-SD-6MSD

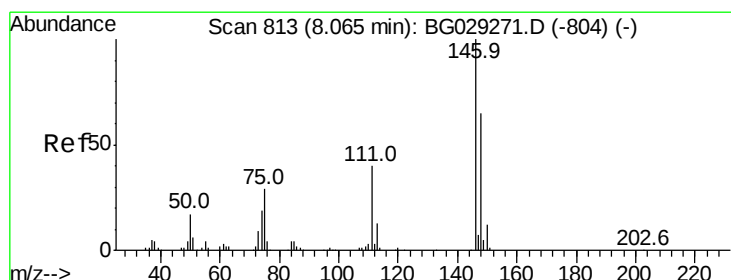
Tot Ion	Ratio	Resp	Lower	Upper
93	100	188668		
63	76.8		67.1	107.1
95	31.7		11.5	51.5

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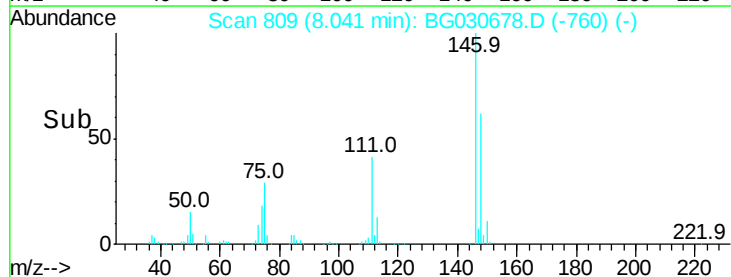
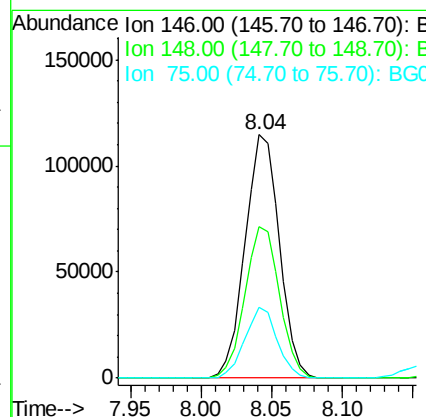
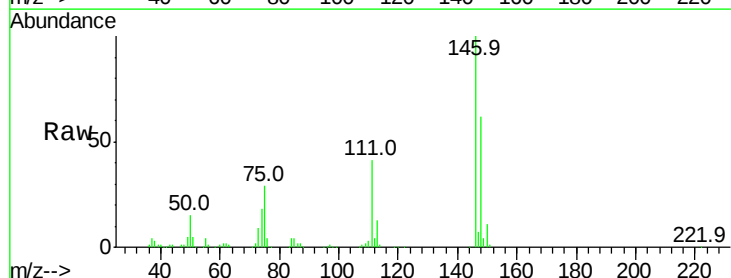
Sohil

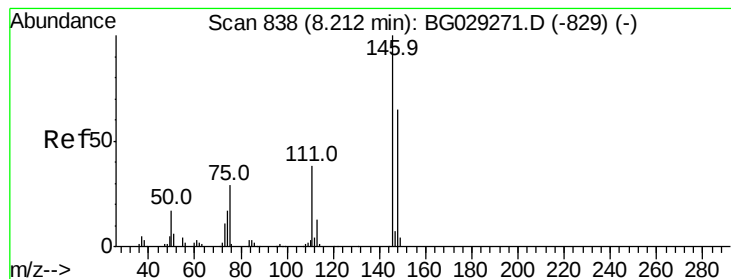
11/3/2017 1:25:00 PM



#12
1,3-Dichlorobenzene
Concen: 27.396 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG030678.D
Acq: 3 Nov 2017 1:02

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	195253		
148	62.3		51.4	77.2
75	29.0		26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 26.915 ng

RT: 8.19 min Scan# 834

Delta R.T. -0.01 min

Lab File: BG030678.D

Acq: 3 Nov 2017 1:02

Instrument :

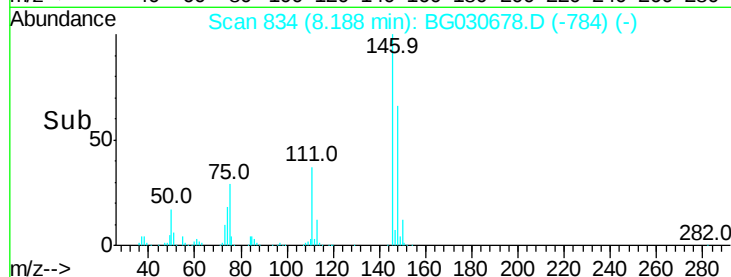
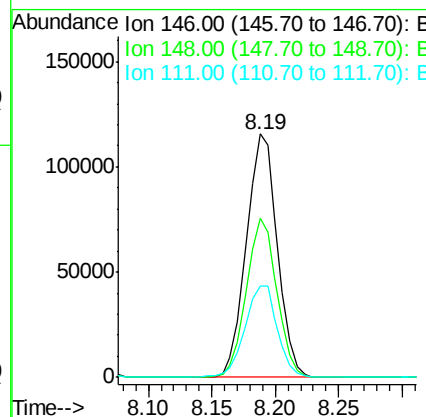
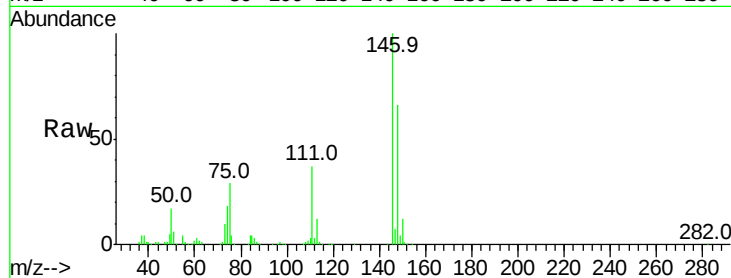
BNA_G

ClientSampleId :

RLF-SD-6MSD

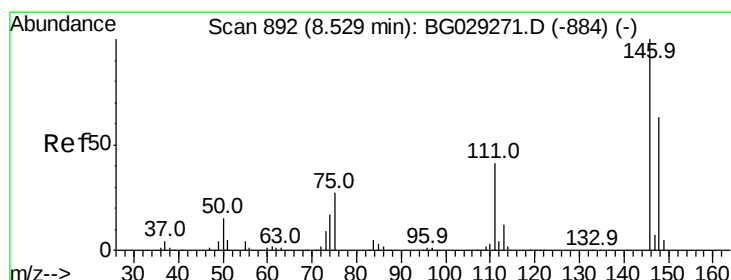
Tot Ion:	146	Resp:	195846
Ion Ratio	Lower	Upper	
146	100		
148	65.6	53.7	80.5
111	37.4	35.2	52.8

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 27.279 ng

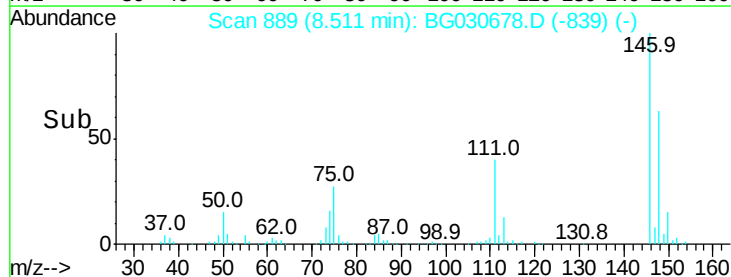
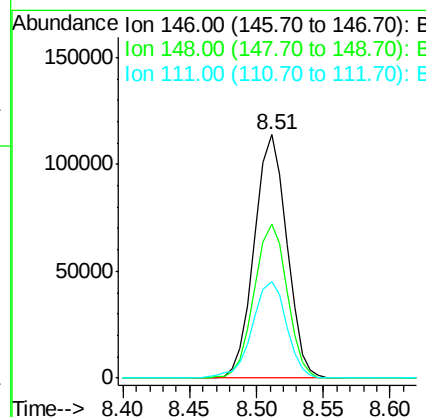
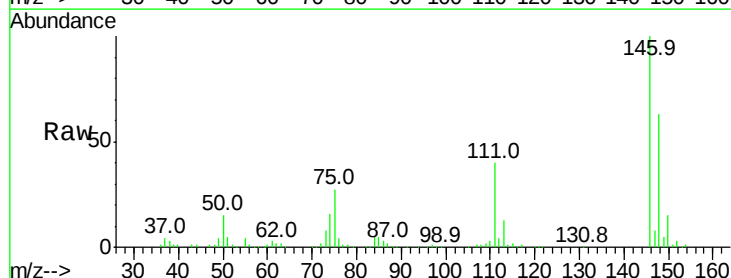
RT: 8.51 min Scan# 889

Delta R.T. -0.01 min

Lab File: BG030678.D

Acq: 3 Nov 2017 1:02

Tgt Ion:	146	Resp:	191454
Ion Ratio	Lower	Upper	
146	100		
148	63.2	49.3	73.9
111	39.6	34.3	51.5



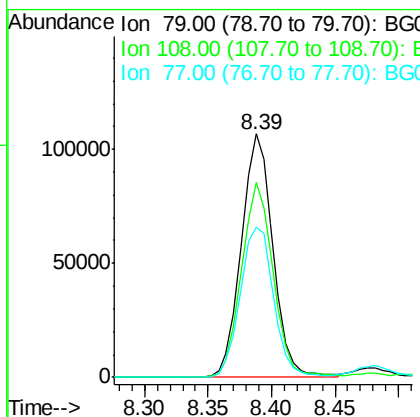
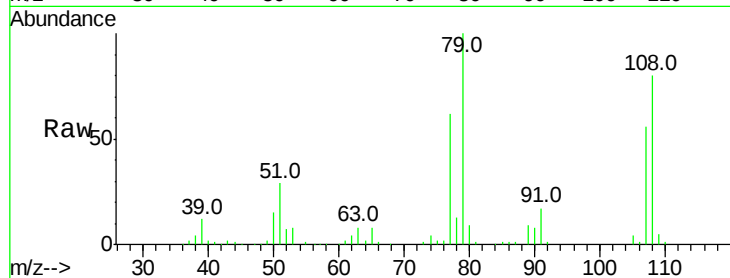


#15
Benzyl Alcohol
Concen: 33.836 ng
RT: 8.39 min Scan# 868
Delta R.T. -0.01 min
Lab File: BG030678.D
Acq: 3 Nov 2017 1:02

Instrument :
BNA_G
ClientSampleId :
RLF-SD-6MSD

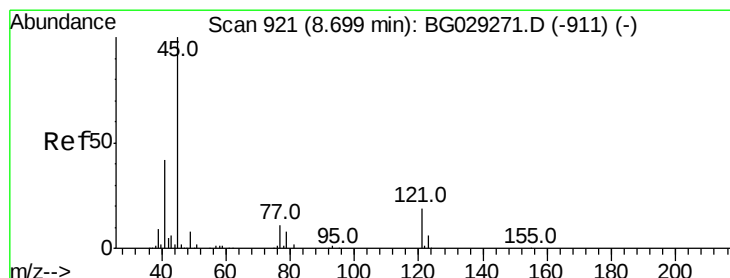
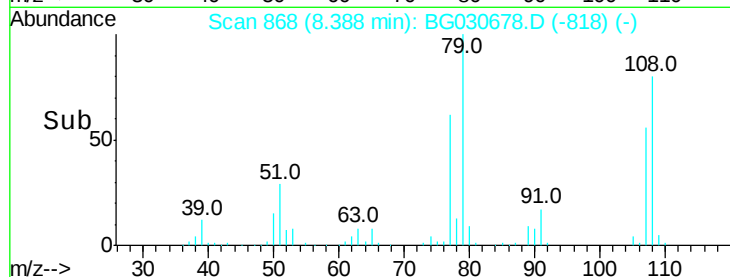
Tot Ion:	79	Resp:	185363
Ion Ratio	Lower	Upper	
79	100		
108	80.0	57.2	85.8
77	61.9	46.1	69.1

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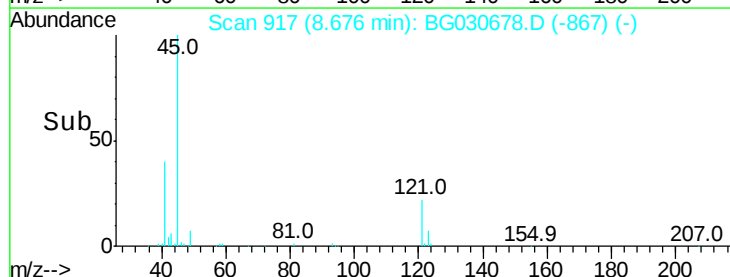
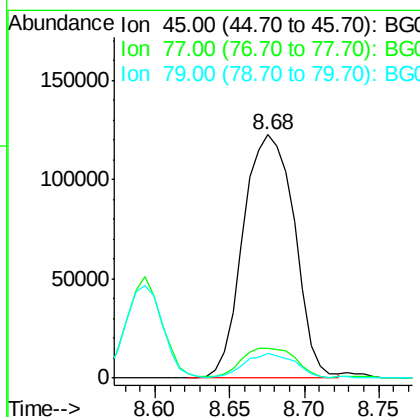
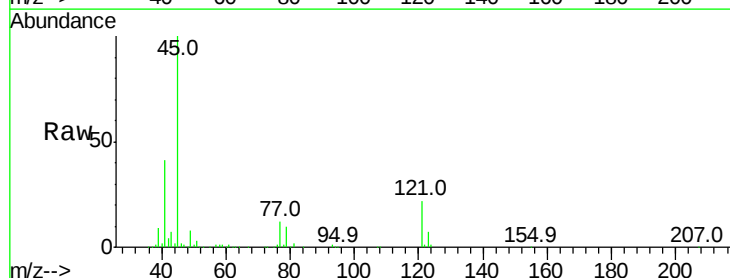
Sohil

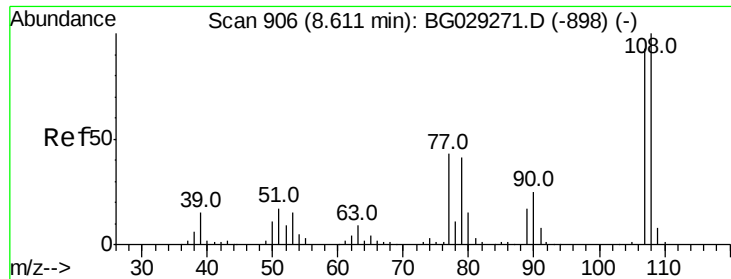
11/3/2017 1:25:00 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 28.172 ng
RT: 8.68 min Scan# 917
Delta R.T. -0.01 min
Lab File: BG030678.D
Acq: 3 Nov 2017 1:02

Tgt Ion:	45	Resp:	292140
Ion Ratio	Lower	Upper	
45	100		
77	12.1	0.0	30.2
79	10.4	0.0	27.9



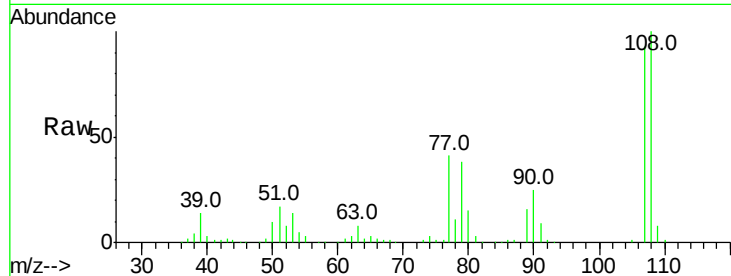


#17
2-Methylphenol
Concen: 34.350 ng
RT: 8.59 min Scan# 903
Delta R.T. -0.01 min
Lab File: BG030678.D
Acq: 3 Nov 2017 1:02

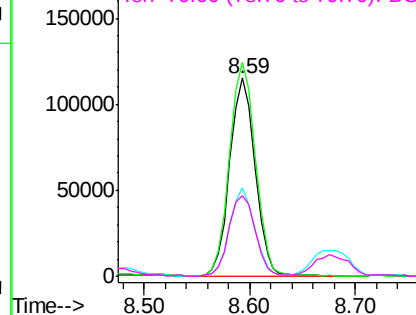
Instrument :
BNA_G
ClientSampleId :
RLF-SD-6MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	191238		
108	107.9	83.9	125.9	
77	44.6	37.2	55.8	
79	40.7	36.2	54.2	

Manual Integrations
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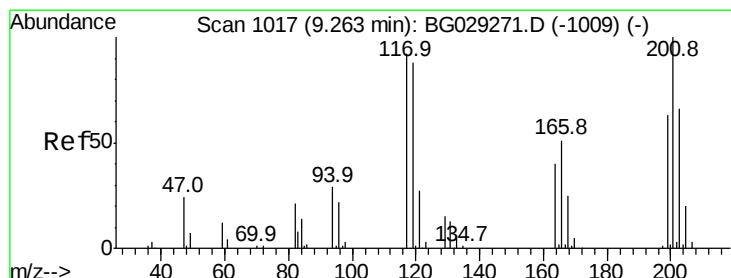
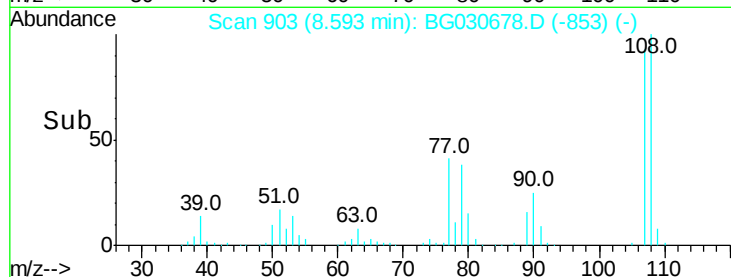


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG



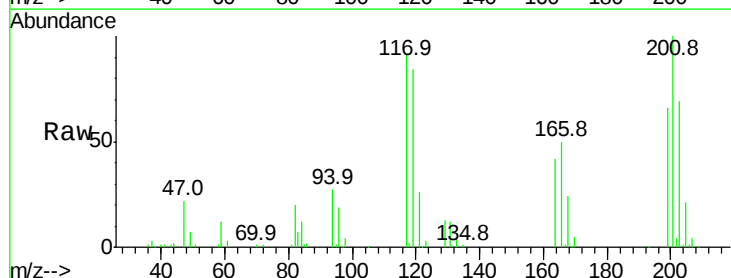
Sohil

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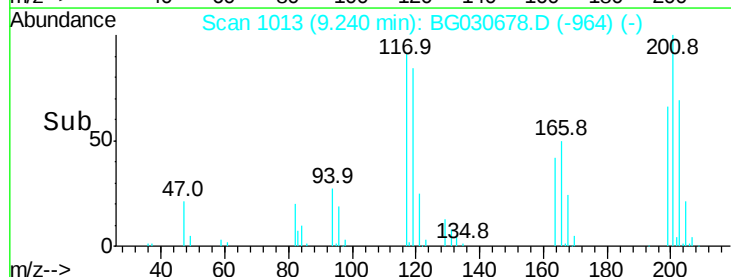
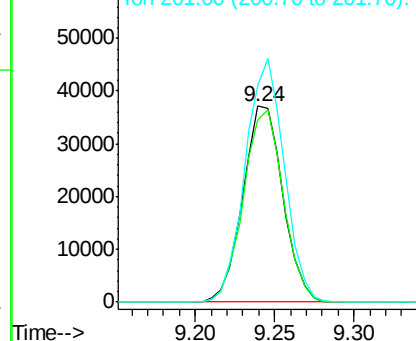


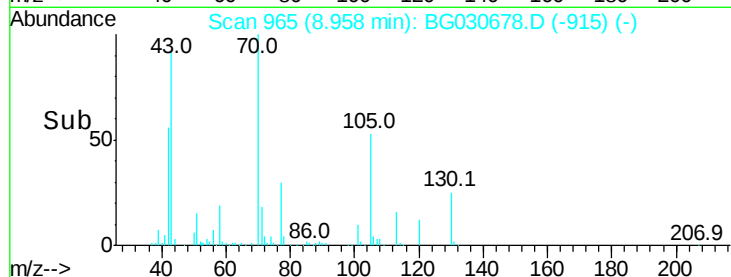
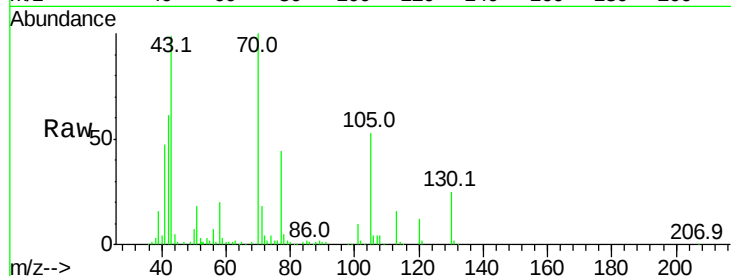
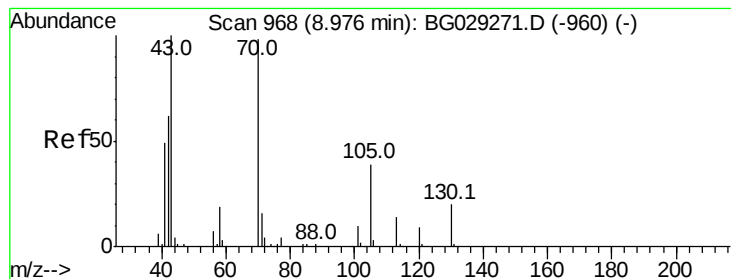
#18
Hexachloroethane
Concen: 26.173 ng
RT: 9.24 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BG030678.D
Acq: 3 Nov 2017 1:02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	64901		
119	91.3	76.7	115.1	
201	108.7	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: 30.570 ng

RT: 8.96 min Scan# 965

Delta R.T. -0.01 min

Lab File: BG030678.D

Acq: 3 Nov 2017 1:02

Tot Ion:	70	Resp:	161584
Ion Ratio	Lower	Upper	
70	100		
42	61.1	49.1	73.7
101	10.4	8.5	12.7
130	25.0	13.4	20.0

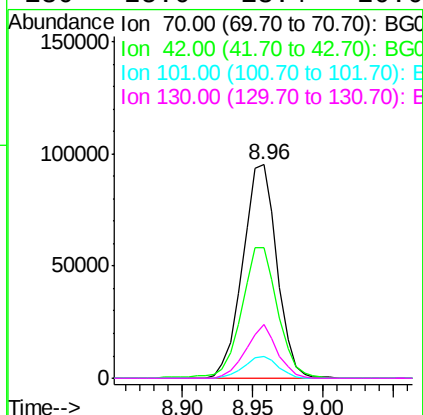
Instrument :

BNA_G

ClientSampleId :

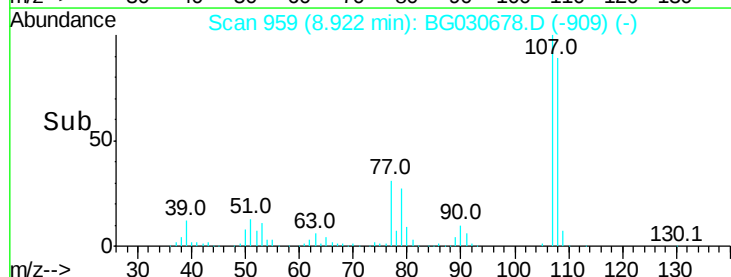
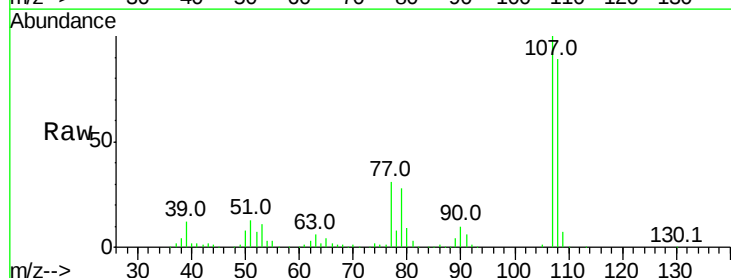
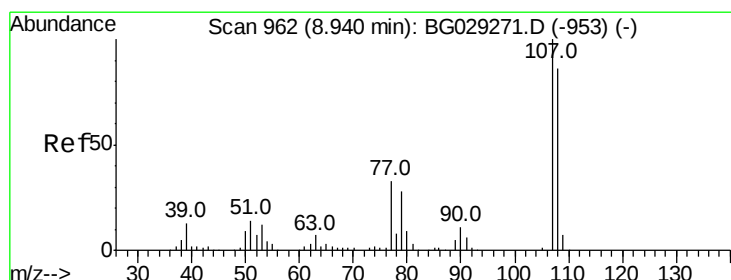
RLF-SD-6MSD

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11/3/2017 1:25:00 PM



#20

3+4-Methylphenols

Concen: 33.994 ng

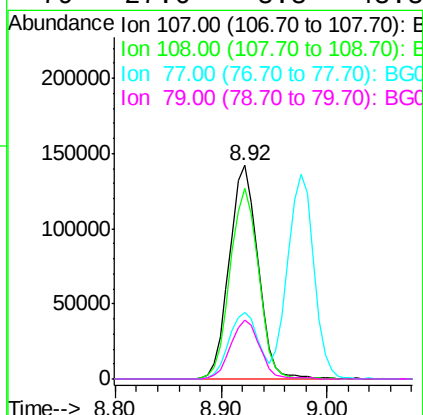
RT: 8.92 min Scan# 959

Delta R.T. -0.01 min

Lab File: BG030678.D

Acq: 3 Nov 2017 1:02

Tgt Ion:	107	Resp:	266664
Ion Ratio	Lower	Upper	
107	100		
108	89.1	61.6	101.6
77	31.3	13.9	53.9
79	27.6	8.8	48.8



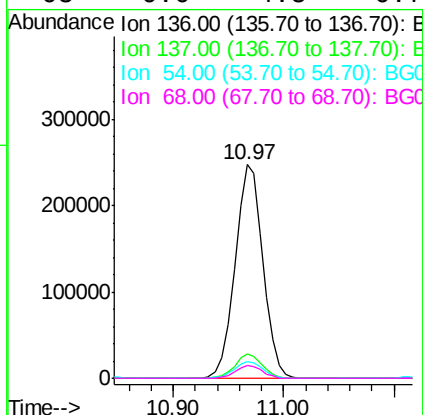
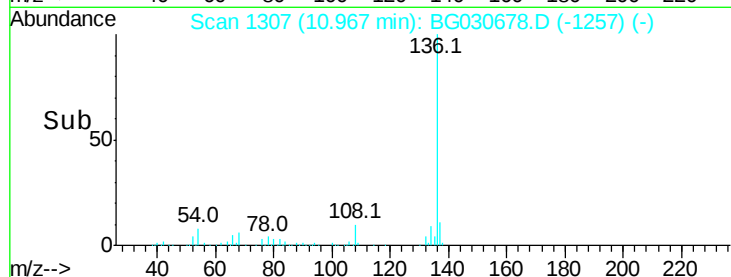
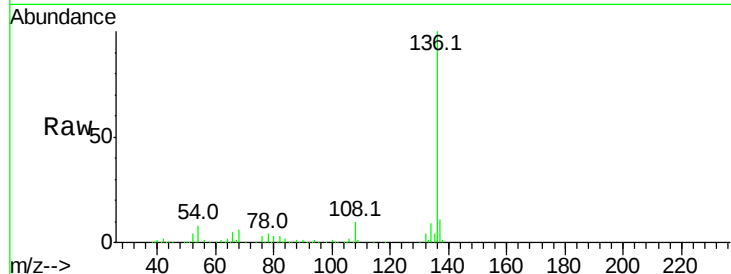


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BG030678.D
Acq: 3 Nov 2017 1:02

Instrument :
BNA_G
ClientSampleId :
RLF-SD-6MSD

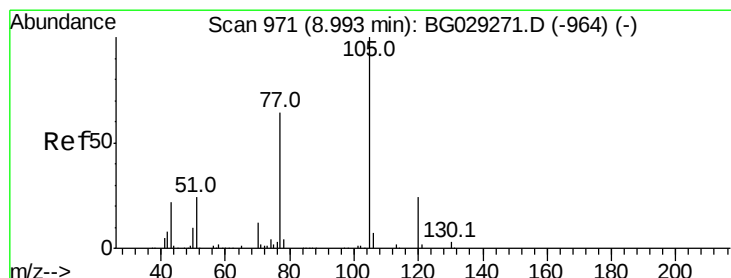
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	9.2	13.8	
54	8.0	10.3	15.5	
68	6.0	4.5	6.7	

Manual Integrations
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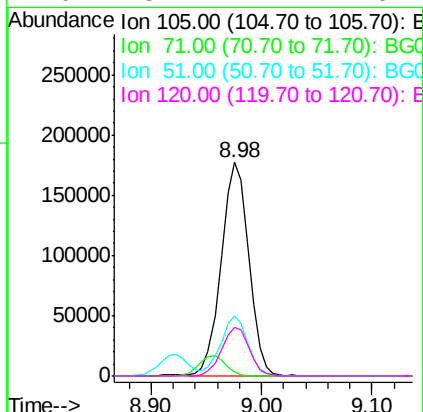
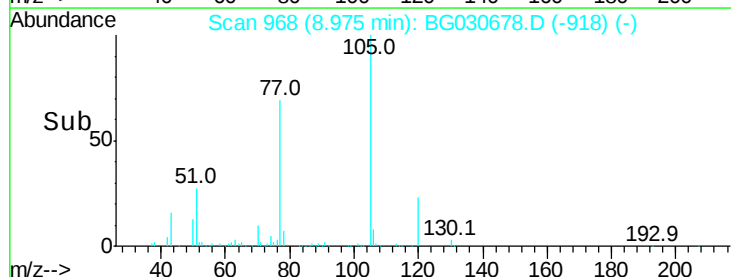
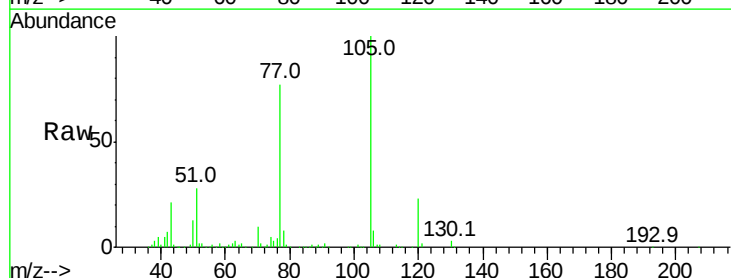
Sohil

11/3/2017 1:25:00 PM



#22
Acetophenone
Concen: 29.422 ng
RT: 8.98 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG030678.D
Acq: 3 Nov 2017 1:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.7	3.0	4.4	
51	28.3	26.1	39.1	
120	23.1	17.4	26.2	



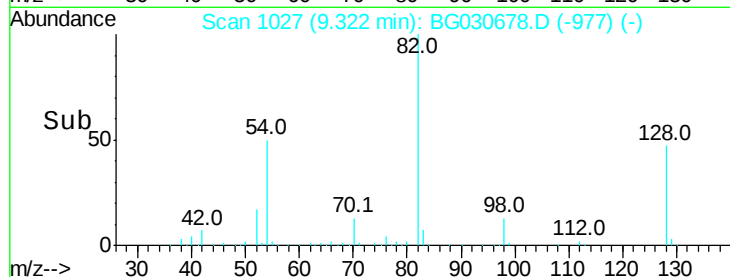
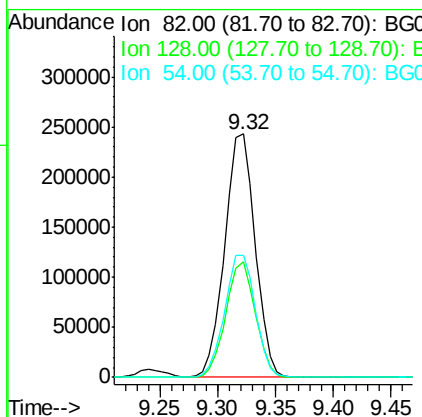
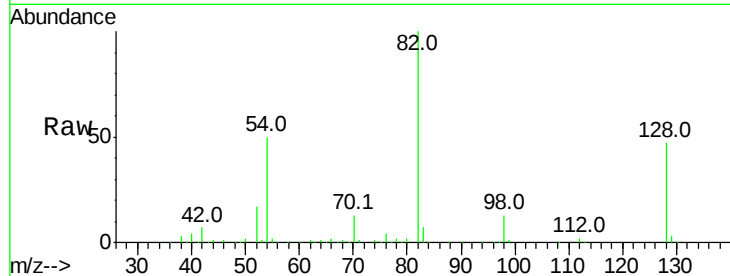


#23
 Nitrobenzene-d5
 Concen: 64.862 ng
 RT: 9.32 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BG030678.D
 Acq: 3 Nov 2017 1:02

Instrument :
 BNA_G
 ClientSampleId :
 RLF-SD-6MSD

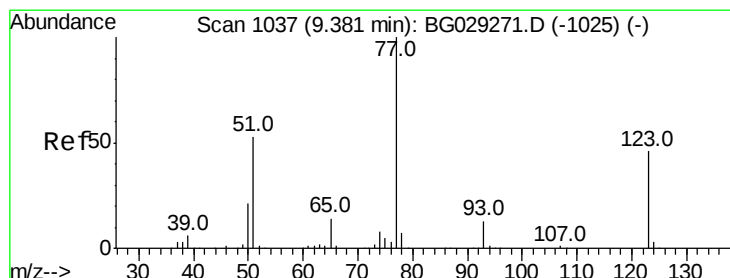
Tot Ion:	82	Resp:	444681
Ion Ratio	Lower	Upper	
82	100		
128	47.4	29.7	44.5#
54	50.1	43.1	64.7

Manual Integrations
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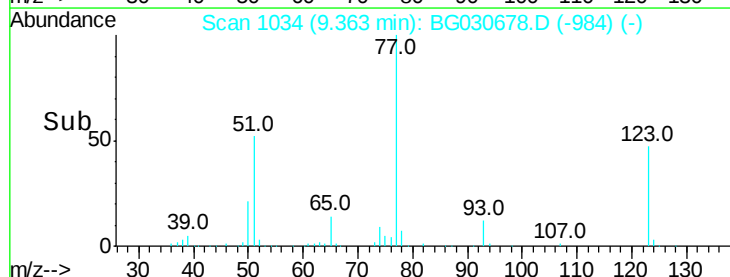
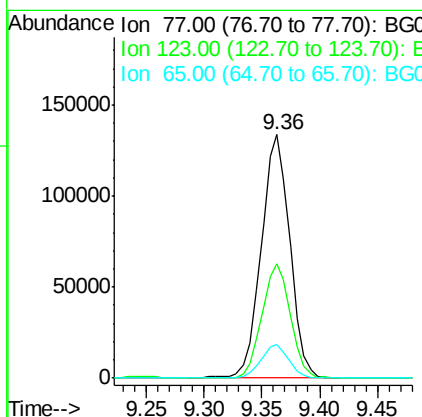
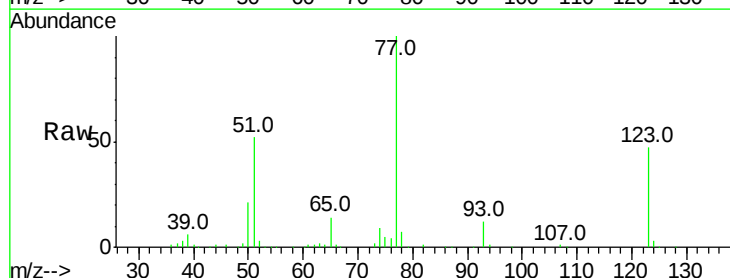
Sohil

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#24
 Nitrobenzene
 Concen: 29.977 ng
 RT: 9.36 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG030678.D
 Acq: 3 Nov 2017 1:02

Tgt Ion:	77	Resp:	231074
Ion Ratio	Lower	Upper	
77	100		
123	47.1	33.0	49.6
65	13.9	13.0	19.6





#25

Isophorone

Concen: 32.622 ng

RT: 9.89 min Scan# 1123

Delta R.T. -0.01 min

Lab File: BG030678.D

Acq: 3 Nov 2017 1:02

Instrument :

BNA_G

ClientSampleId :

RLF-SD-6MSD

Tot Ion: 82 Resp: 466888

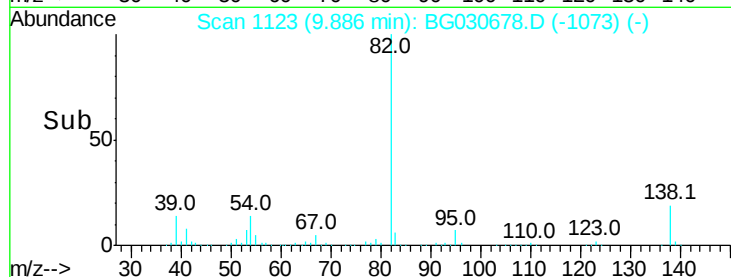
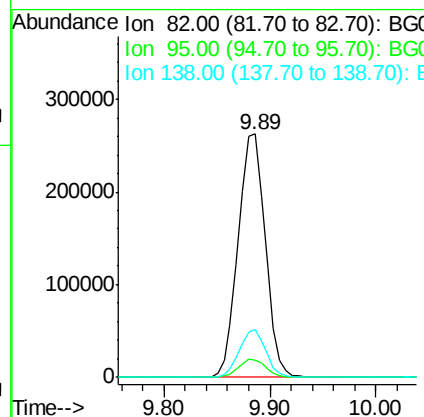
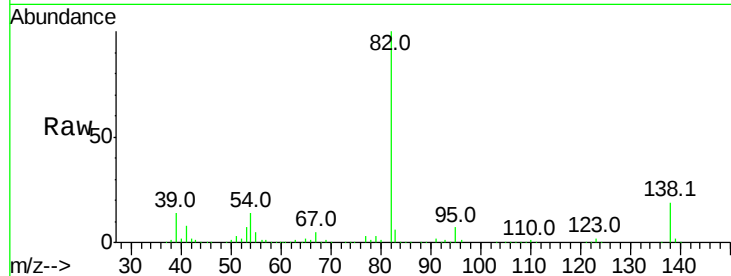
Ion Ratio Lower Upper

82 100

95 7.0 6.2 9.2

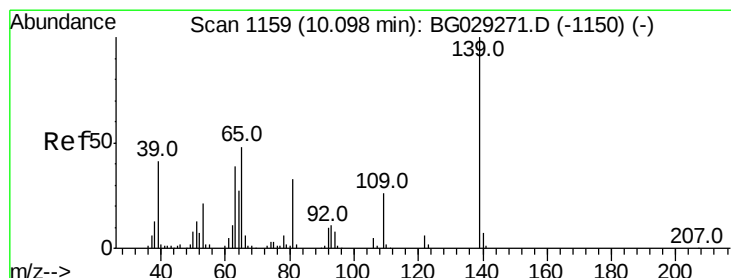
138 19.5 12.1 18.1#

Manual Integrations
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11/3/2017 1:25:00 PM



#26

2-Nitrophenol

Concen: 32.517 ng

RT: 10.07 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BG030678.D

Acq: 3 Nov 2017 1:02

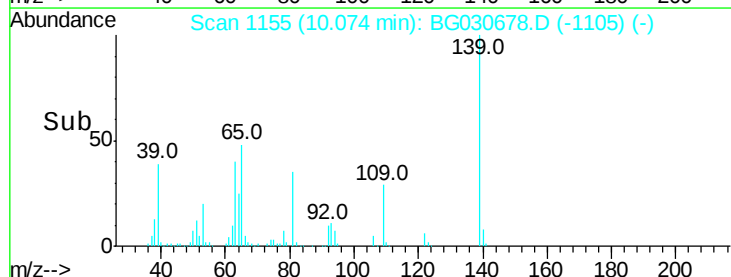
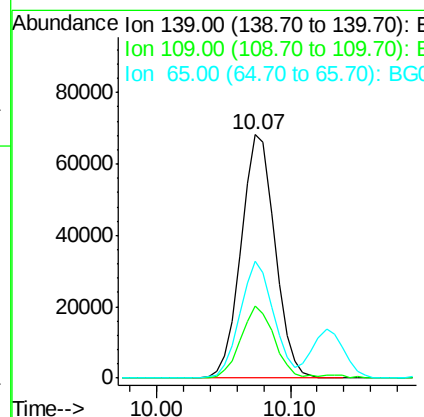
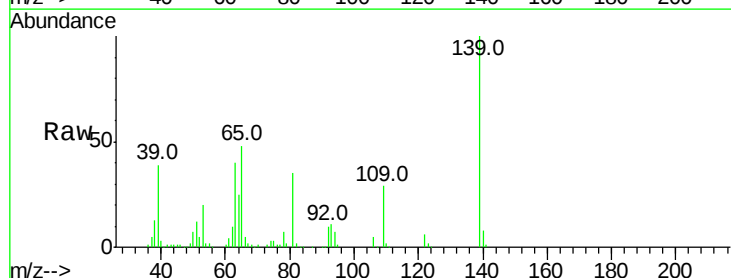
Tgt Ion: 139 Resp: 119799

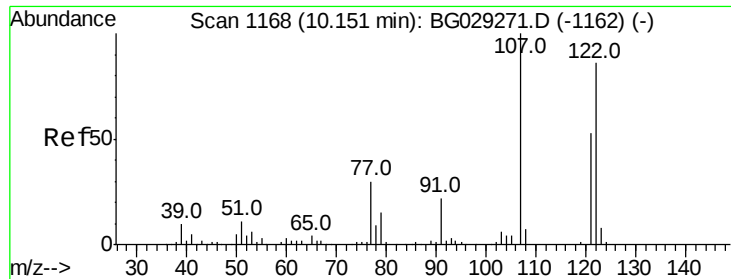
Ion Ratio Lower Upper

139 100

109 29.5 24.2 36.2

65 48.0 47.4 71.0



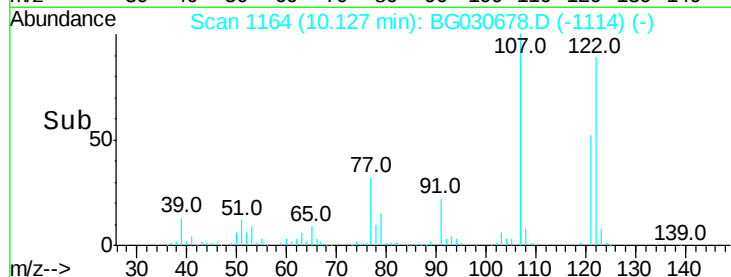
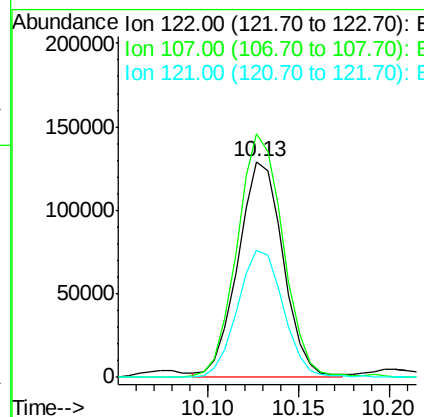
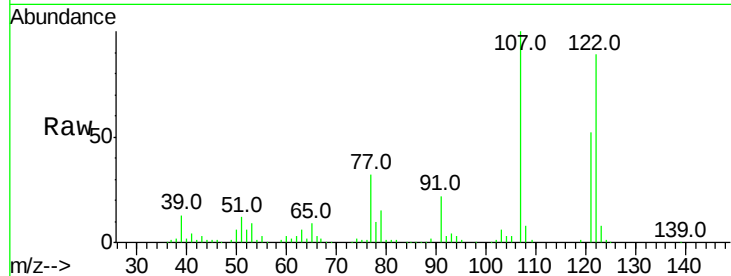


#27
 2,4-Dimethylphenol
 Concen: 33.366 ng
 RT: 10.13 min Scan# 1164
 Delta R.T. -0.01 min
 Lab File: BG030678.D
 Acq: 3 Nov 2017 1:02

Instrument :
 BNA_G
 ClientSampled :
 RLF-SD-6MSD

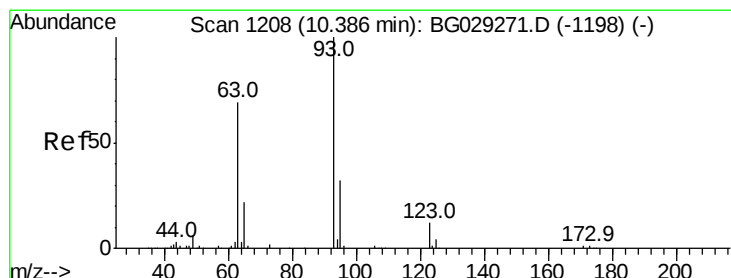
Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		222406		
107	112.7	100.2		150.2	
121	58.9	44.4		66.6	

Manual Integrations
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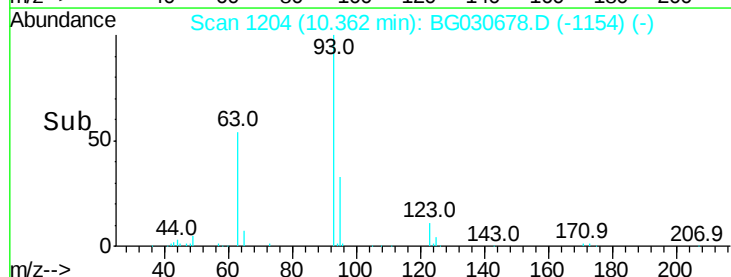
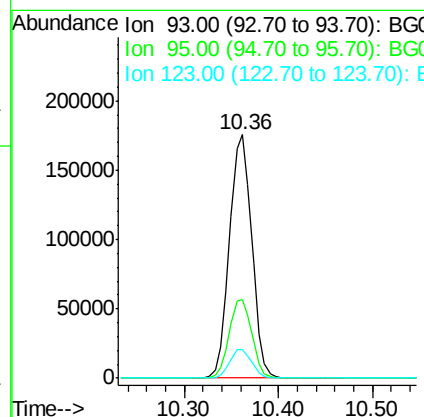
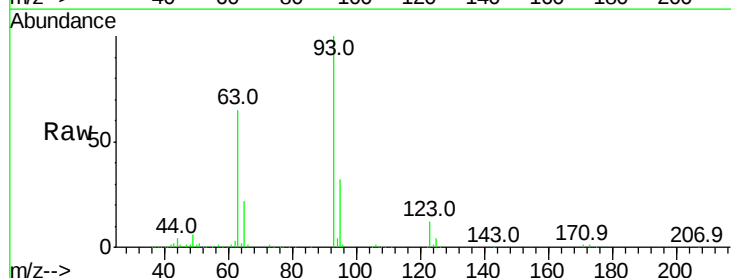
Sohil

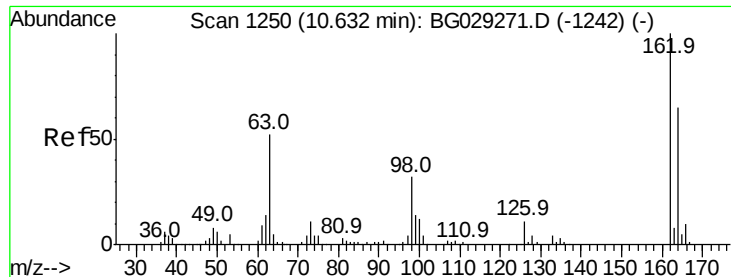
11/3/2017 1:25:00 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 33.034 ng
 RT: 10.36 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BG030678.D
 Acq: 3 Nov 2017 1:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		289907		
95	32.0	24.3		36.5	
123	11.9	8.4		12.6	



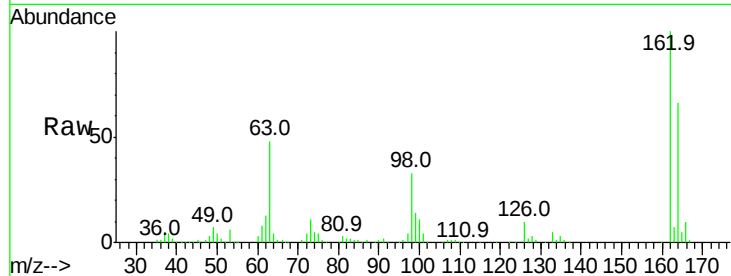


#29
2,4-Dichlorophenol
Concen: 34.249 ng
RT: 10.61 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BG030678.D
Acq: 3 Nov 2017 1:02

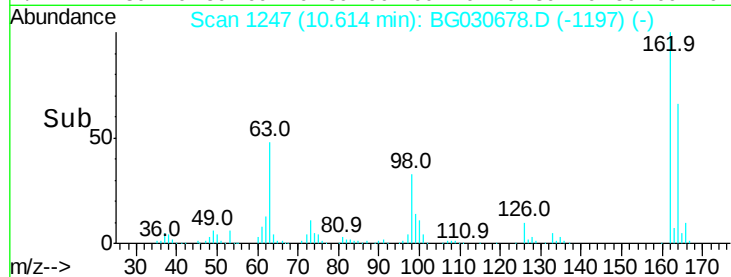
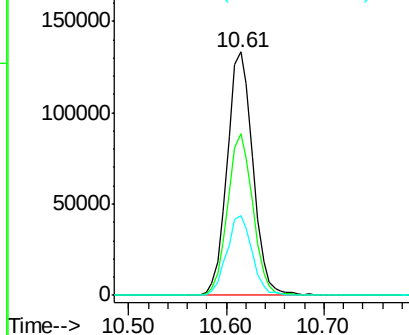
Instrument :
BNA_G
ClientSampleId :
RLF-SD-6MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	66.2	48.0	88.0
98	33.0	21.1	61.1

Manual Integrations
APPROVED

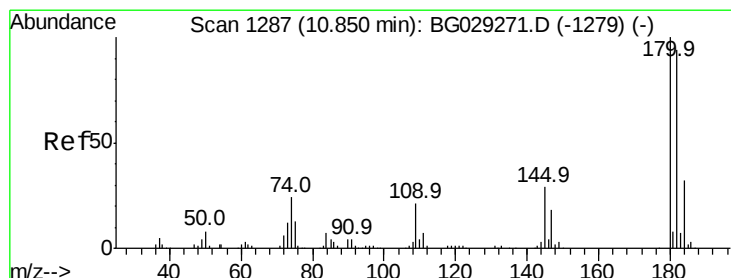


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BGC



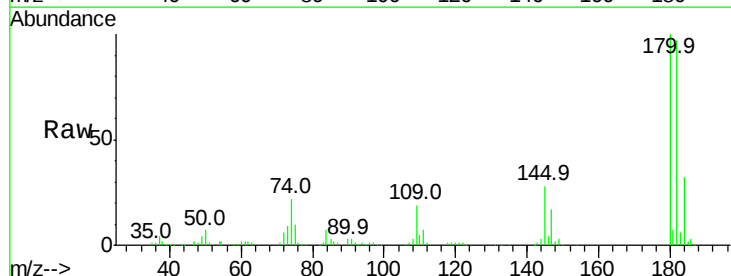
Sohil

11/3/2017 1:25:00 PM

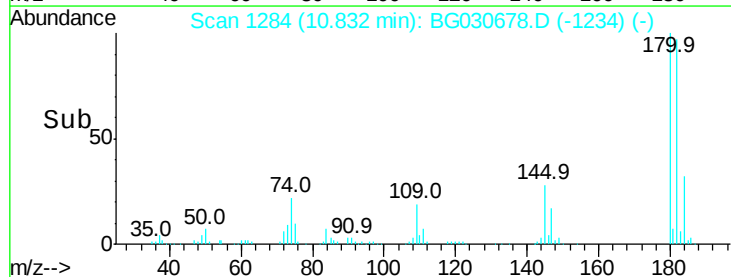
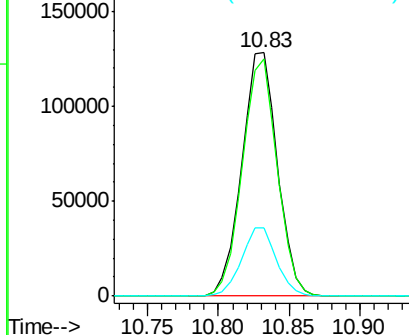


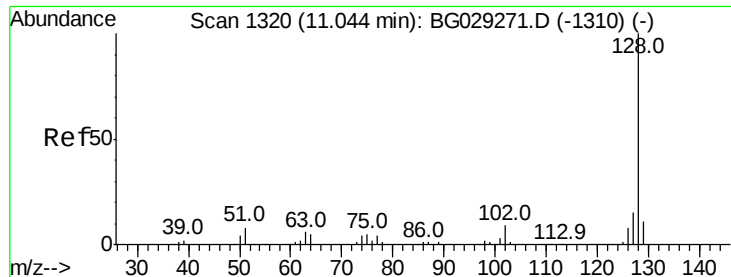
#30
1,2,4-Trichlorobenzene
Concen: 29.596 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BG030678.D
Acq: 3 Nov 2017 1:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	97.2	77.5	116.3
145	27.9	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



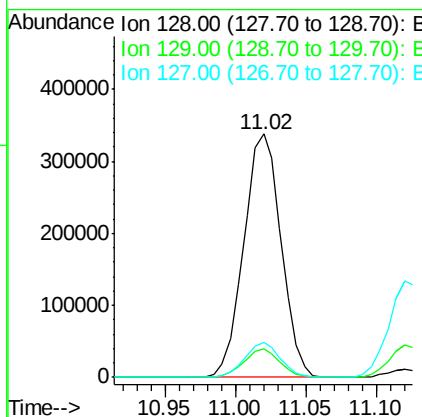
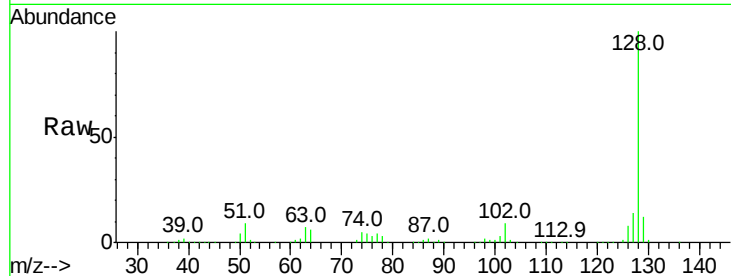


#31
Naphthalene
Concen: 28.869 ng
RT: 11.02 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG030678.D
Acq: 3 Nov 2017 1:02

Instrument :
BNA_G
ClientSampleId :
RLF-SD-6MSD

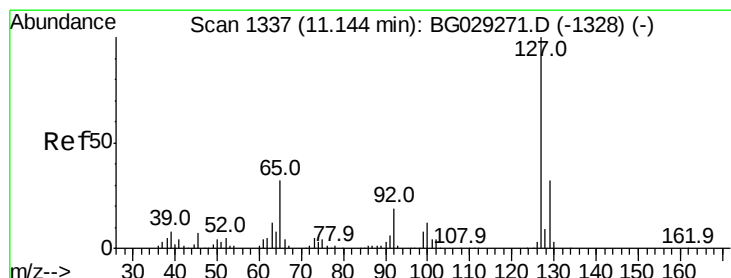
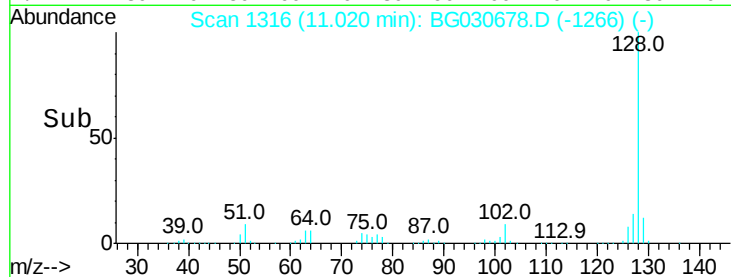
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	12.8
127	14.3	11.6	17.4

Manual Integrations
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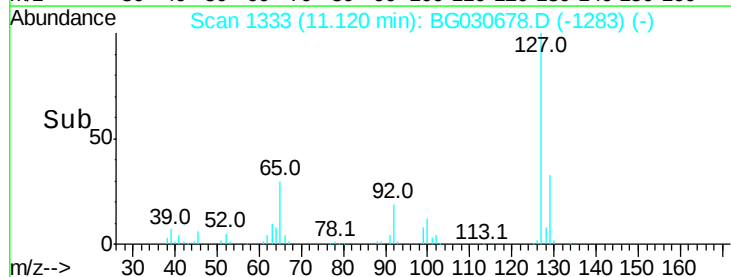
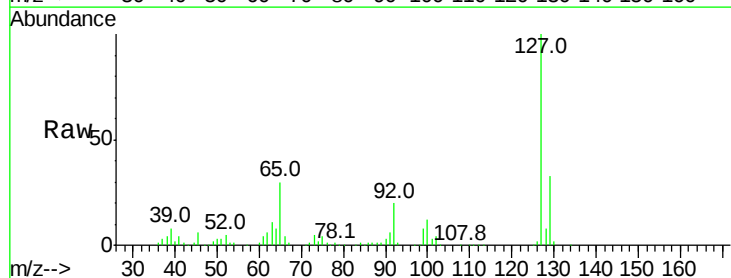
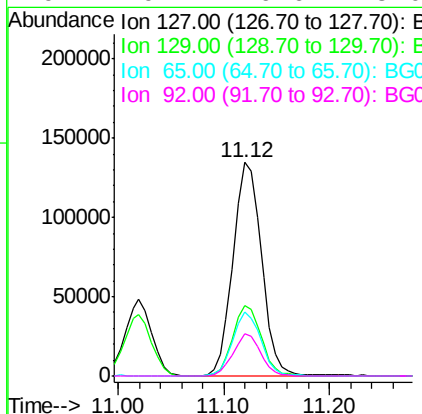
Sohil

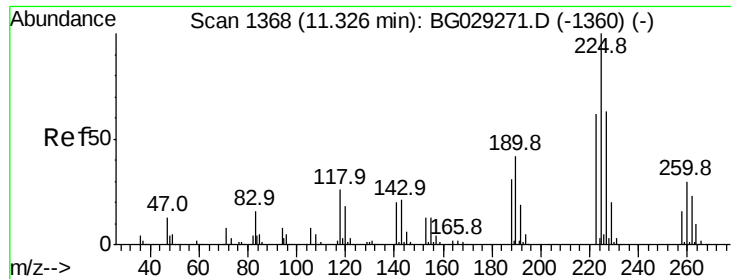
11/3/2017 1:25:00 PM



#33
4-Chloroaniline
Concen: 27.524 ng
RT: 11.12 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BG030678.D
Acq: 3 Nov 2017 1:02

Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.2	24.0	36.0
65	29.8	27.0	40.4
92	19.7	16.6	25.0



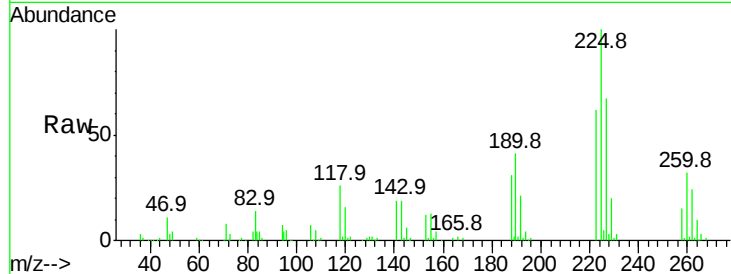


#34
Hexachlorobutadiene
Concen: 27.891 ng
RT: 11.30 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BG030678.D
Acq: 3 Nov 2017 1:02

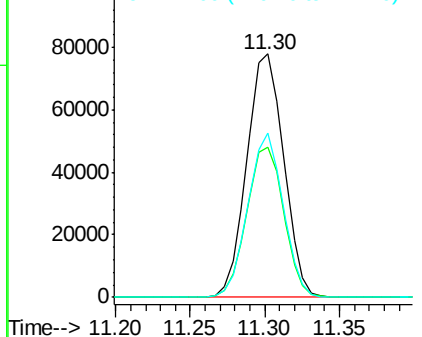
Instrument :
BNA_G
ClientSampleId :
RLF-SD-6MSD

Tot Ion	Ratio	Lower	Upper
225	100		
223	61.7	49.7	74.5
227	67.4	48.1	72.1

Manual Integrations
APPROVED

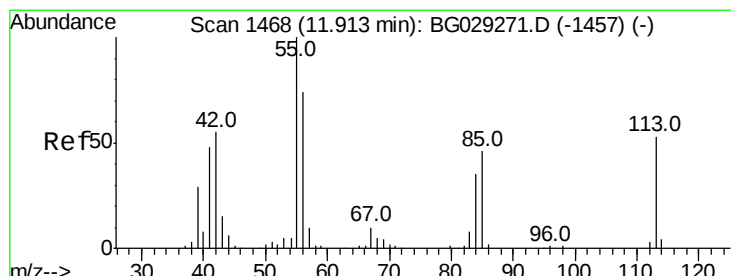
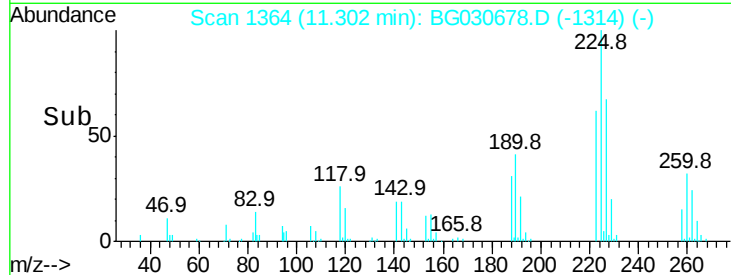


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



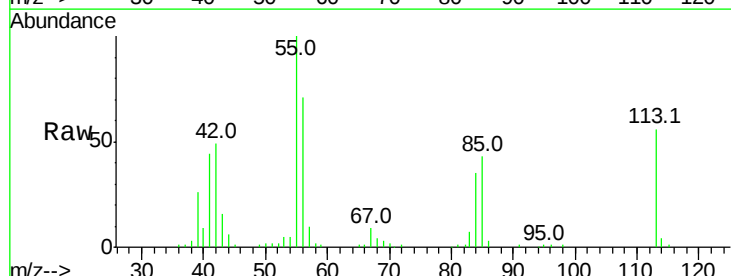
Sohil

11/3/2017 1:25:00 PM

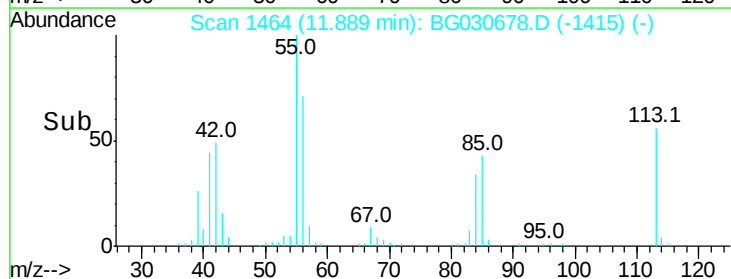
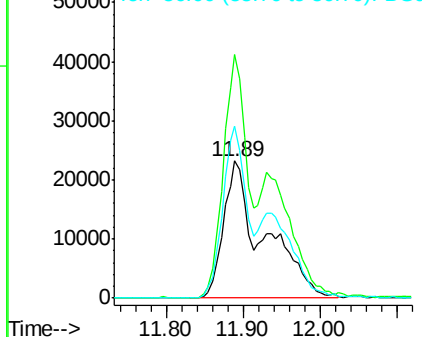


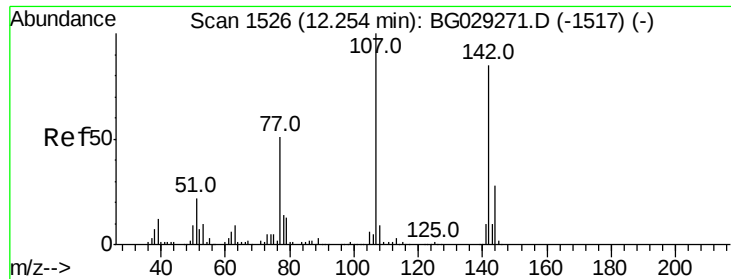
#35
Caprolactam
Concen: 35.637 ng m
RT: 11.89 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BG030678.D
Acq: 3 Nov 2017 1:02

Tgt Ion	Ratio	Lower	Upper
113	100		
55	178.0	186.9	226.9#
56	125.7	130.9	170.9#



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



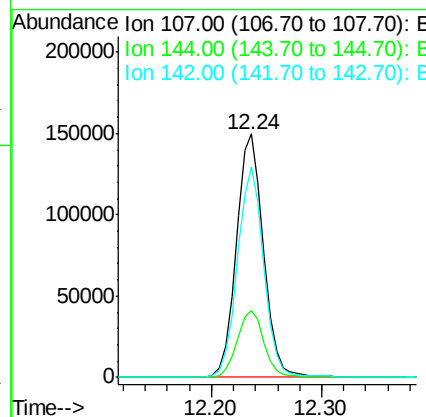
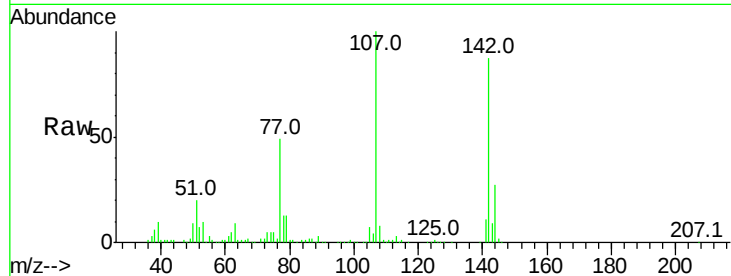


#36
 4-Chloro-3-methylphenol
 Concen: 32.887 ng
 RT: 12.24 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BG030678.D
 Acq: 3 Nov 2017 1:02

Instrument :
 BNA_G
 ClientSampleId :
 RLF-SD-6MSD

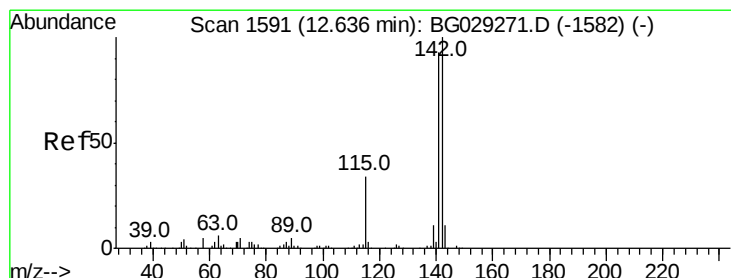
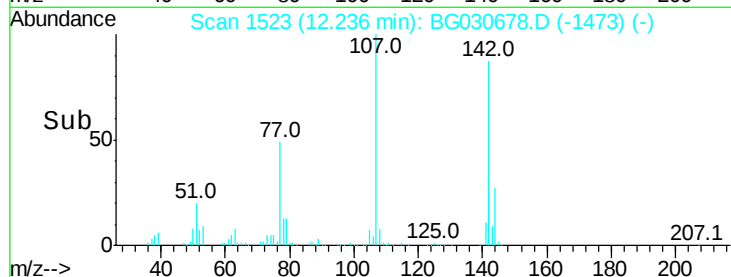
Tot Ion	Ratio	Resp	Lower	Upper
107	100	257102		
144	27.3	18.2	27.4	
142	86.5	59.0	88.4	

Manual Integrations
 APPROVED



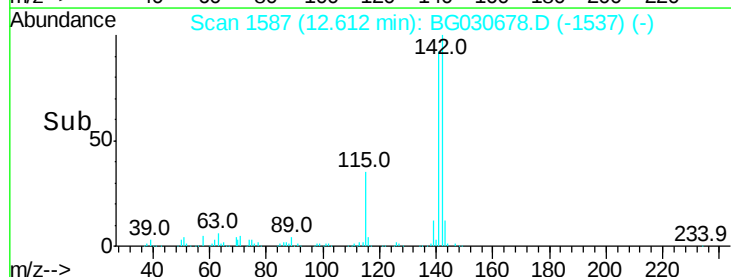
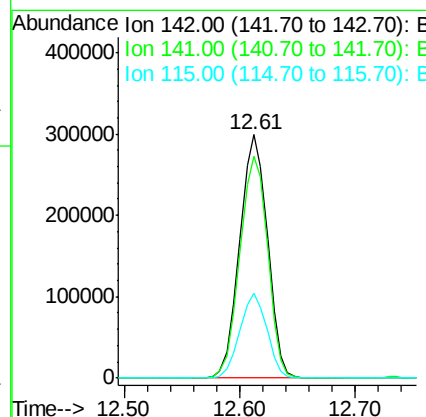
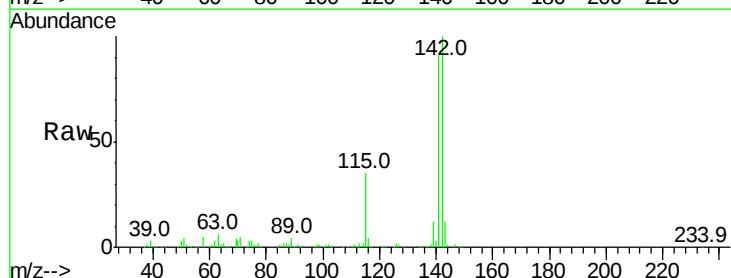
Sohil

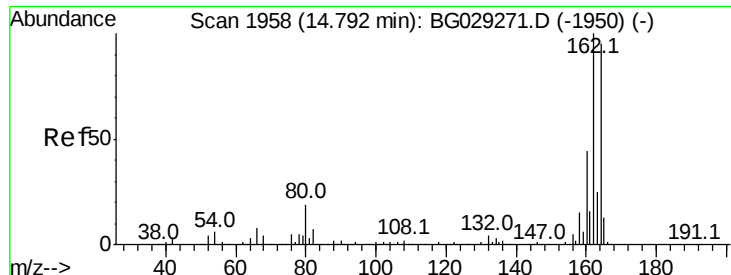
11/3/2017 1:25:00 PM



#37
 2-Methylnaphthalene
 Concen: 31.560 ng
 RT: 12.61 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BG030678.D
 Acq: 3 Nov 2017 1:02

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	499427		
141	91.4	67.1	100.7	
115	34.8	30.7	46.1	



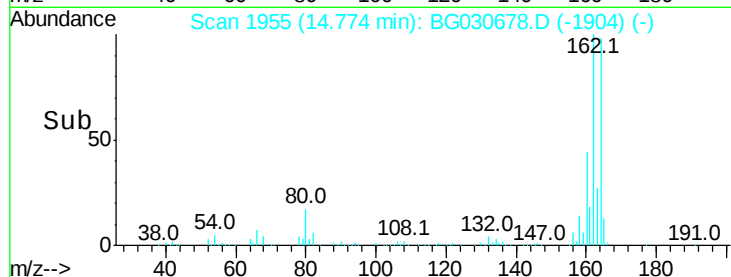
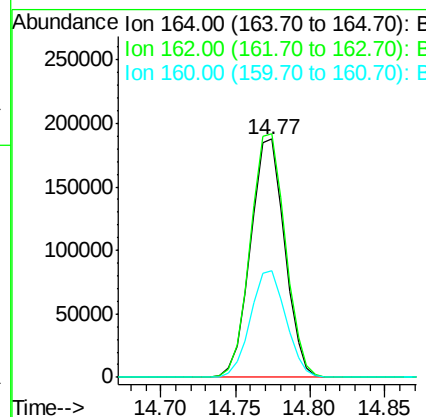
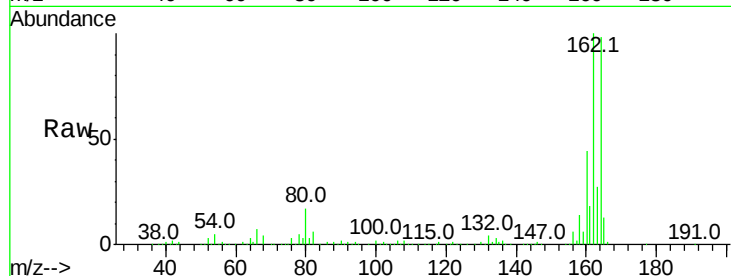


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1955
Delta R.T. 0.00 min
Lab File: BG030678.D
Acq: 3 Nov 2017 1:02

Instrument :
BNA_G
ClientSampleId :
RLF-SD-6MSD

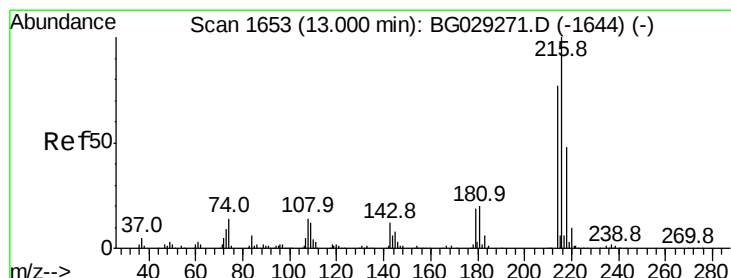
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.3	78.8	118.2
160	44.9	35.4	53.0

Manual Integrations
APPROVED



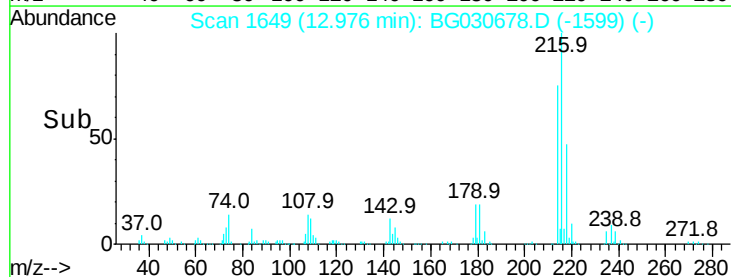
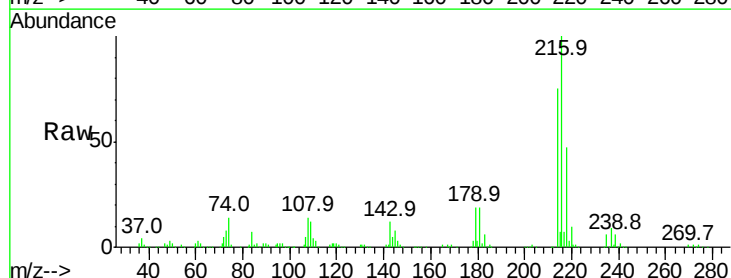
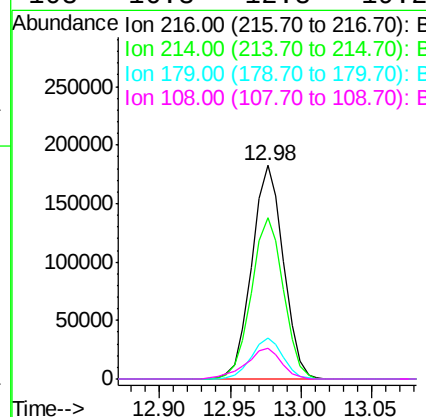
Sohil

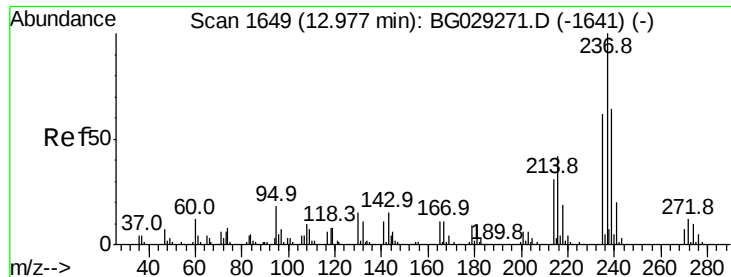
11/3/2017 1:25:00 PM



#39
1,2,4,5-Tetrachlorobenzene
Concen: 26.597 ng
RT: 12.98 min Scan# 1649
Delta R.T. -0.01 min
Lab File: BG030678.D
Acq: 3 Nov 2017 1:02

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.4	63.0	94.4
179	19.3	17.0	25.6
108	16.3	12.8	19.2



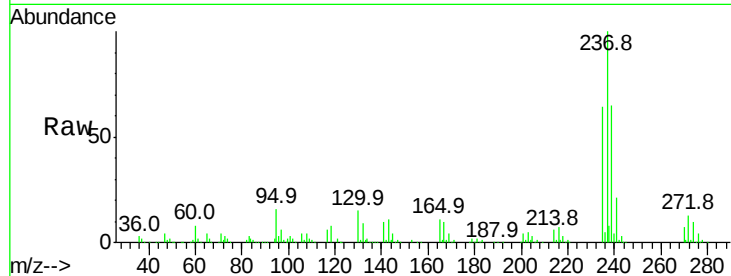


#40
Hexachlorocyclopentadiene
Concen: 71.667 ng
RT: 12.95 min Scan# 1645
Delta R.T. -0.01 min
Lab File: BG030678.D
Acq: 3 Nov 2017 1:02

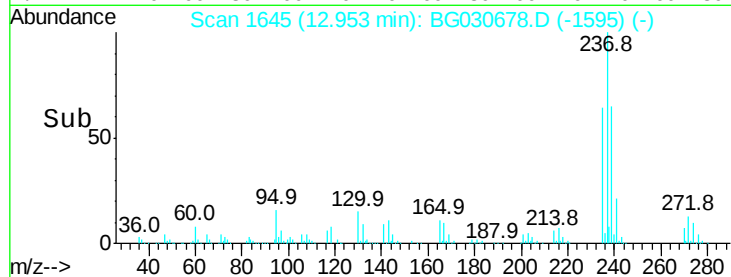
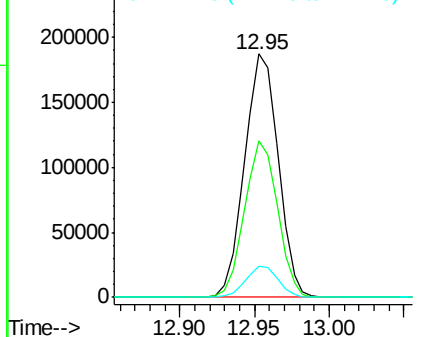
Instrument :
BNA_G
ClientSampleId :
RLF-SD-6MSD

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	64.1	50.4	90.4
272	13.0	0.0	31.8

Manual Integrations
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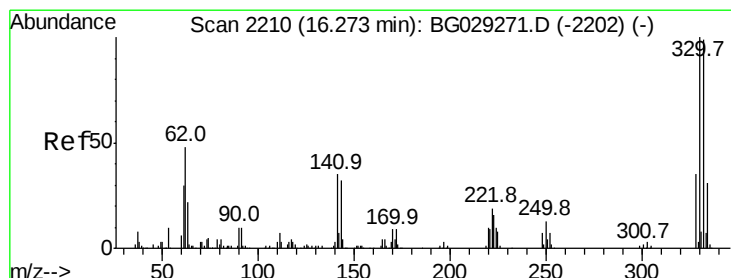


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



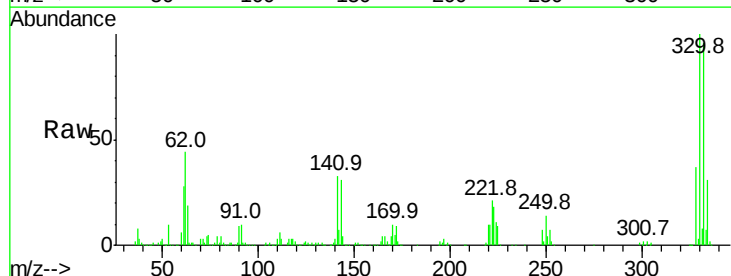
Sohil

11/3/2017 1:25:00 PM

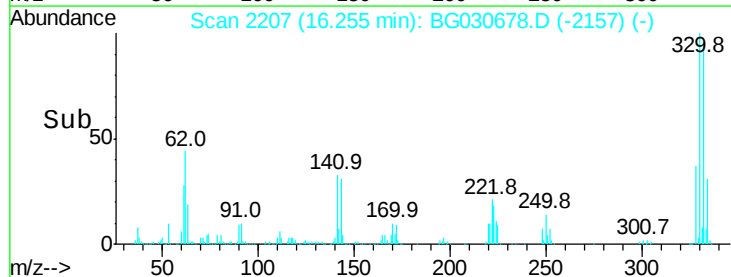
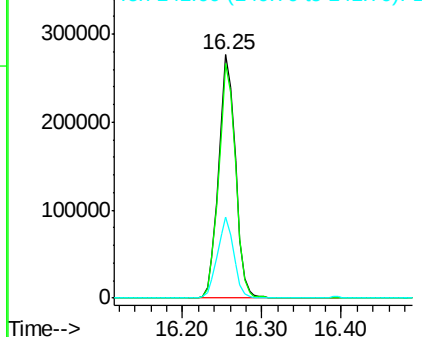


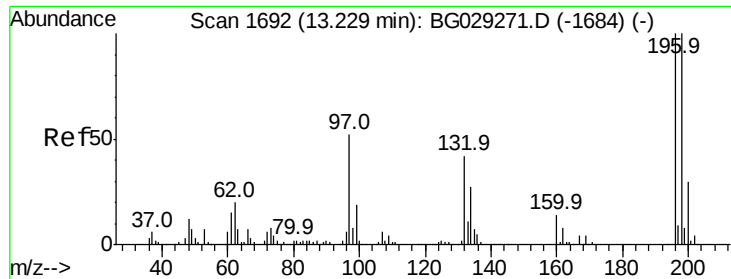
#41
2,4,6-Tribromophenol
Concen: 106.620 ng
RT: 16.25 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BG030678.D
Acq: 3 Nov 2017 1:02

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.9	77.0	115.6
141	32.4	25.2	37.8



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



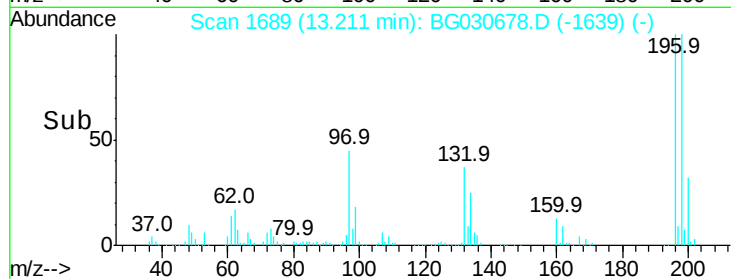
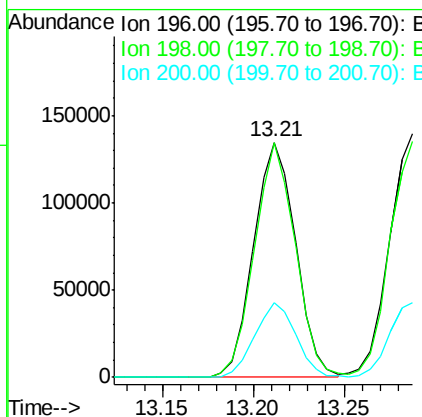
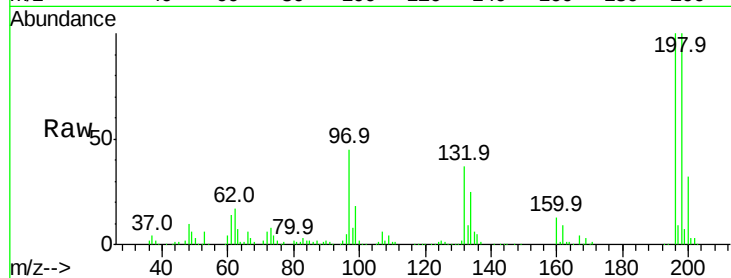


#42
 2,4,6-Trichlorophenol
 Concen: 31.931 ng
 RT: 13.21 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BG030678.D
 Acq: 3 Nov 2017 1:02

Instrument :
 BNA_G
 ClientSampleId :
 RLF-SD-6MSD

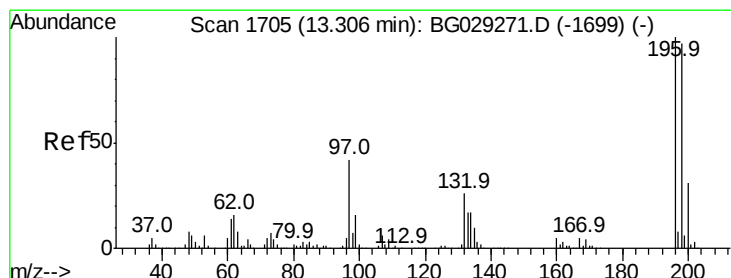
Tot Ion	Ratio	Resp	Lower	Upper
196	100	216771		
198	99.9	78.2	117.2	
200	31.9	24.6	36.8	

Manual Integrations
 APPROVED



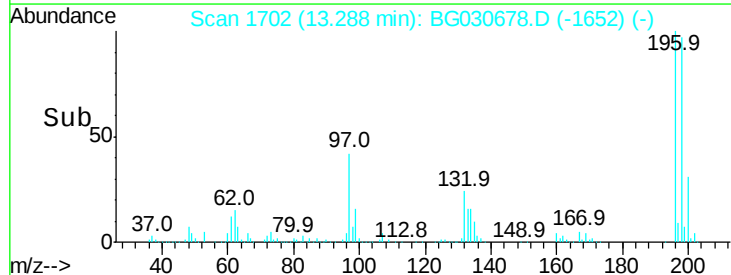
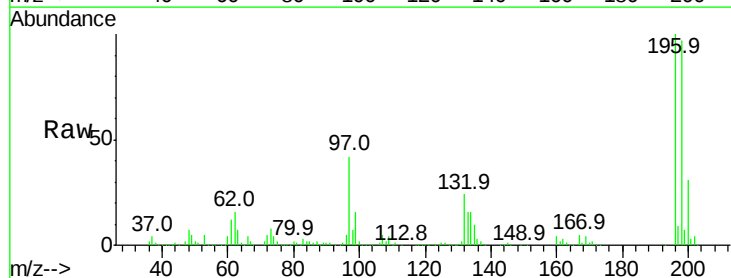
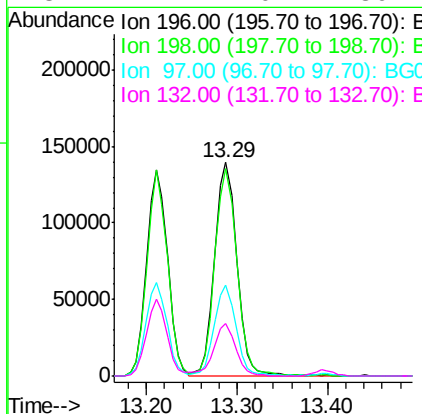
Sohil

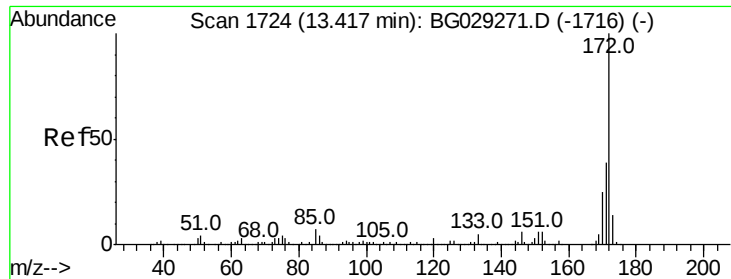
11/3/2017 1:25:00 PM



#43
 2,4,5-Trichlorophenol
 Concen: 34.087 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG030678.D
 Acq: 3 Nov 2017 1:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	237651		
198	97.1	76.2	114.4	
97	42.4	38.7	58.1	
132	24.4	20.2	30.2	



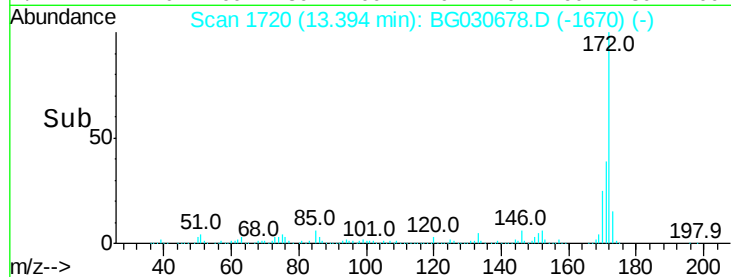
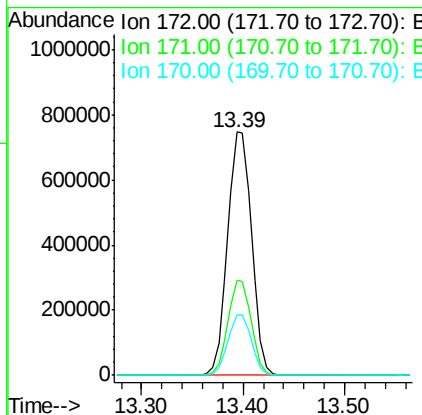
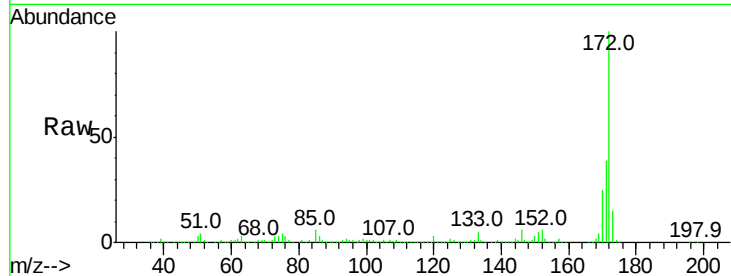


#44
2-Fluorobiphenyl
Concen: 60.583 ng
RT: 13.39 min Scan# 1720
Delta R.T. -0.01 min
Lab File: BG030678.D
Acq: 3 Nov 2017 1:02

Instrument :
BNA_G
ClientSampleId :
RLF-SD-6MSD

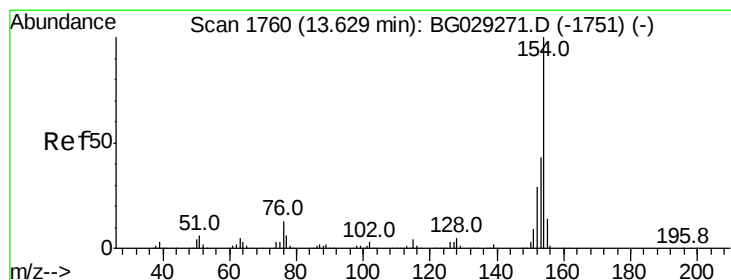
Tot Ion	Ratio	Lower	Upper
172	100		
171	39.2	30.0	45.0
170	25.0	19.5	29.3

Manual Integrations
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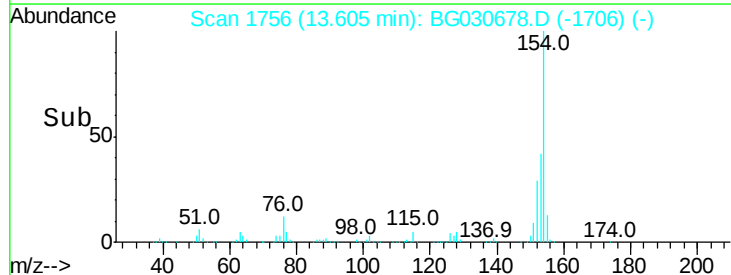
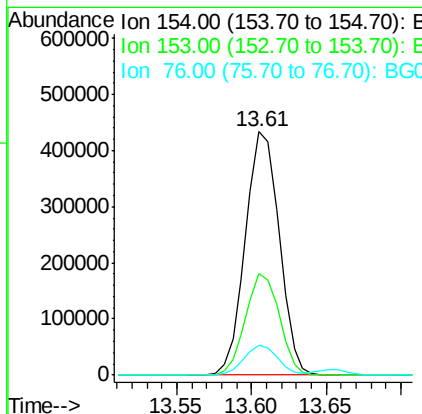
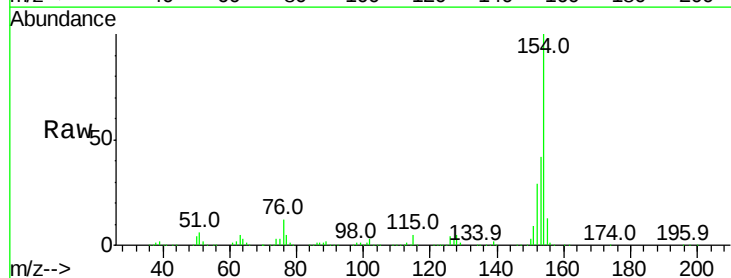
Sohil

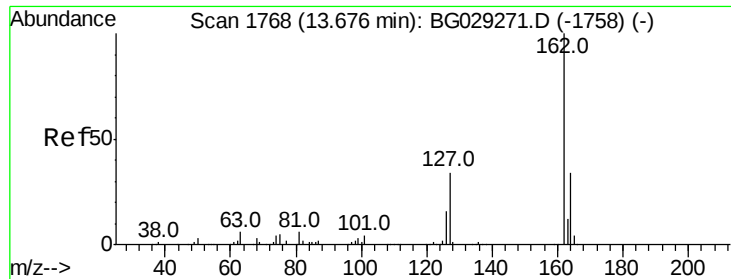
11/3/2017 1:25:00 PM



#45
1,1'-Biphenyl
Concen: 26.757 ng
RT: 13.61 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG030678.D
Acq: 3 Nov 2017 1:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	19.8	59.8
76	12.3	0.0	31.9



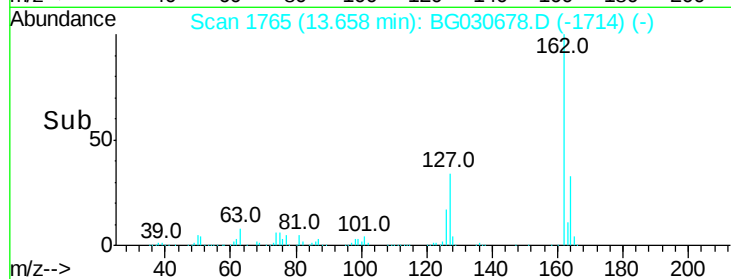
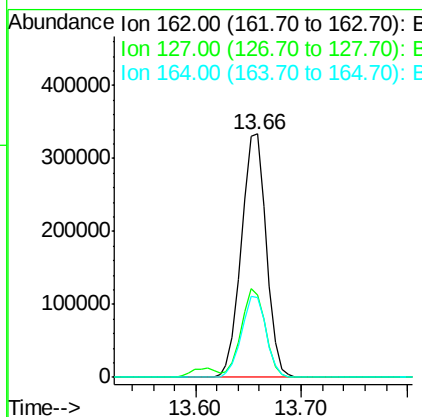
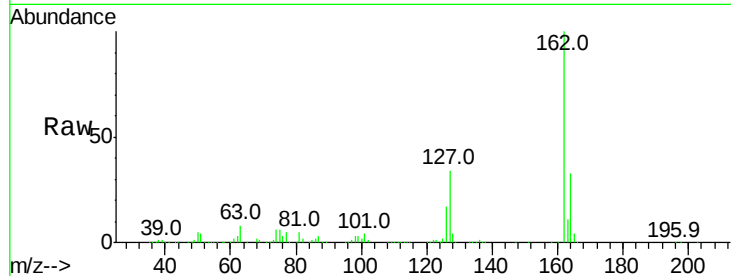


#46
 2-Chloronaphthalene
 Concen: 29.280 ng
 RT: 13.66 min Scan# 1765
 Delta R.T. 0.00 min
 Lab File: BG030678.D
 Acq: 3 Nov 2017 1:02

Instrument :
 BNA_G
 ClientSampleId :
 RLF-SD-6MSD

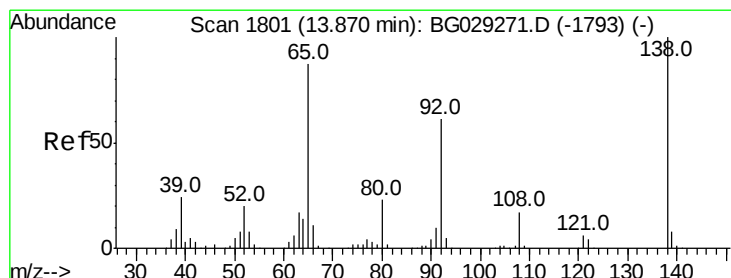
Tot Ion	Ratio	Lower	Upper
162	100		
127	33.9	30.7	46.1
164	32.6	26.0	39.0

Manual Integrations
 APPROVED



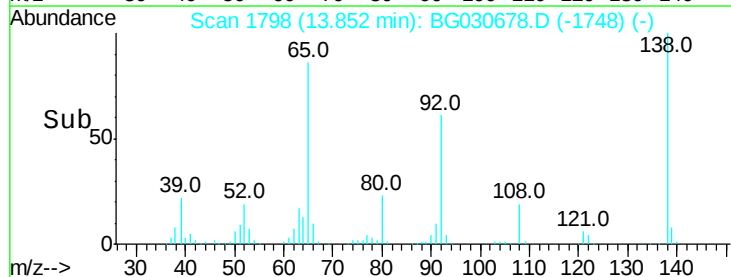
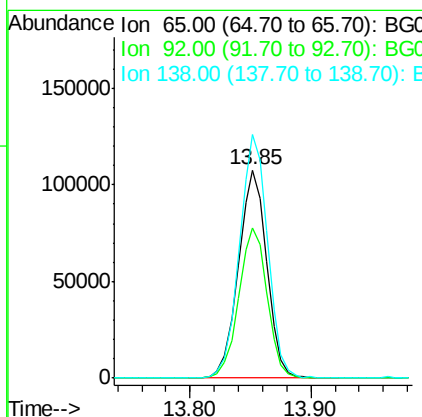
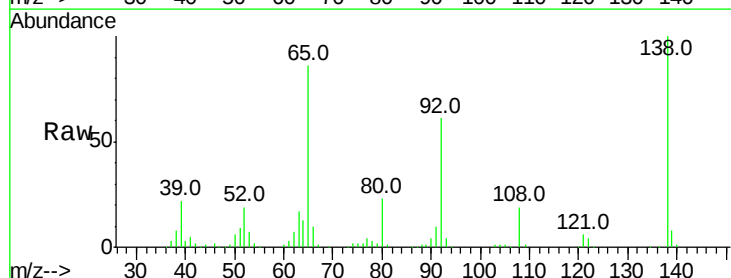
Sohil

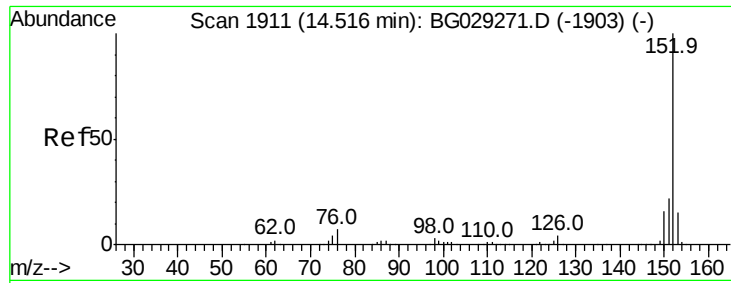
11/3/2017 1:25:00 PM



#47
 2-Nitroaniline
 Concen: 34.501 ng
 RT: 13.85 min Scan# 1798
 Delta R.T. -0.01 min
 Lab File: BG030678.D
 Acq: 3 Nov 2017 1:02

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.9	54.6	82.0
138	116.9	72.9	109.3





#48

Acenaphthylene

Concen: 29.366 ng

RT: 14.50 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BG030678.D

Acq: 3 Nov 2017 1:02

Instrument :

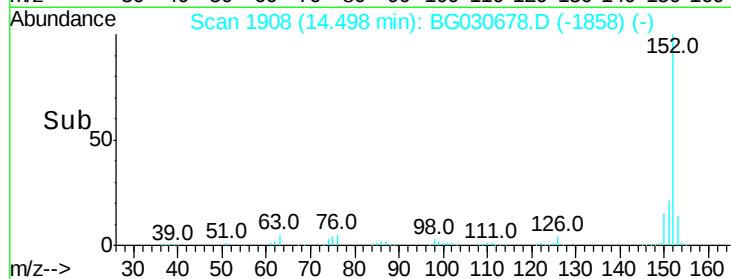
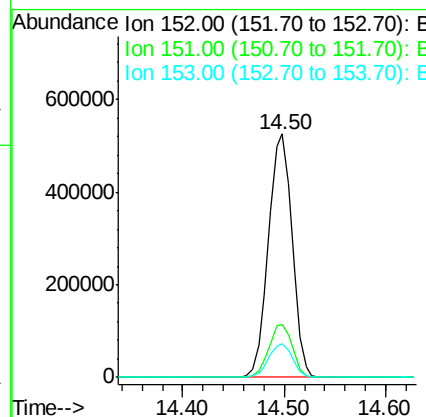
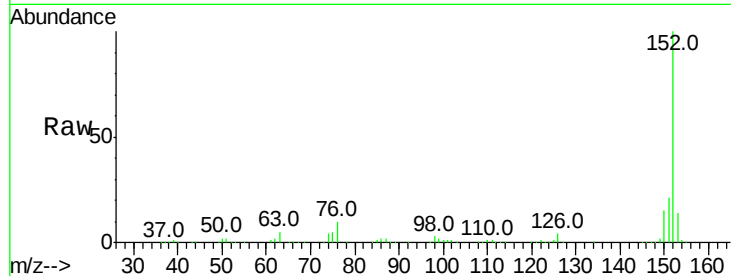
BNA_G

ClientSampleId :

RLF-SD-6MSD

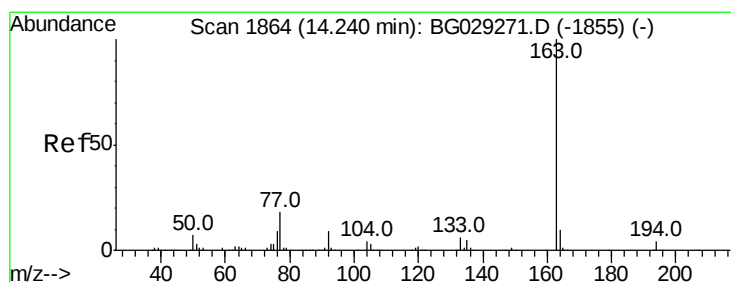
Tot Ion:	152	Resp:	853470
Ion Ratio	Lower	Upper	
152	100		
151	21.5	17.2	25.8
153	13.8	10.2	15.4

Manual Integrations
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11/3/2017 1:25:00 PM



#49

Dimethylphthalate

Concen: 41.604 ng

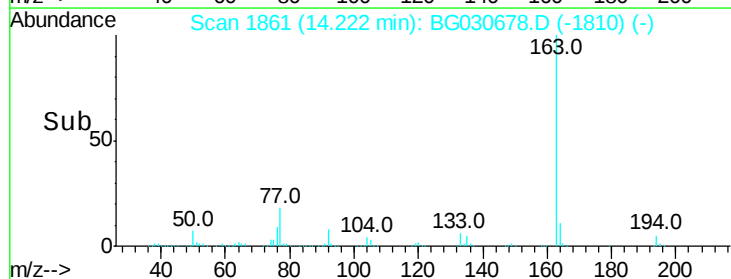
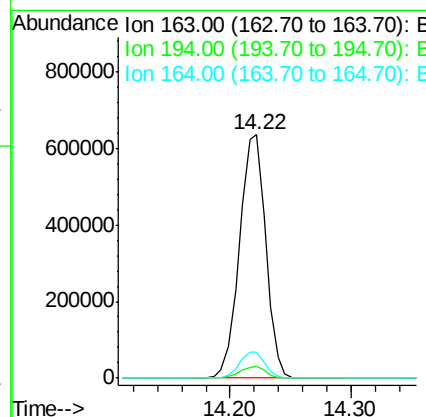
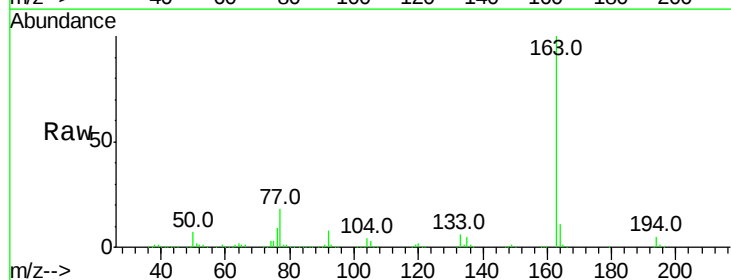
RT: 14.22 min Scan# 1861

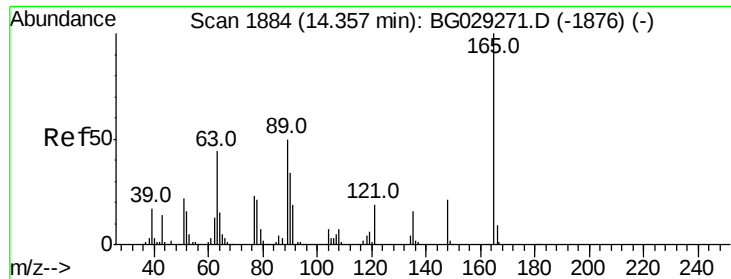
Delta R.T. 0.00 min

Lab File: BG030678.D

Acq: 3 Nov 2017 1:02

Tgt Ion:	163	Resp:	961476
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.4	5.2
164	10.6	8.2	12.4



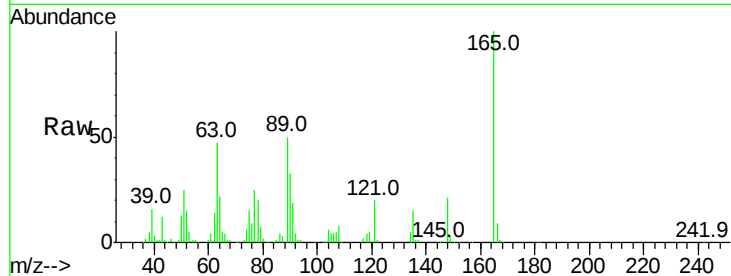


#50
2,6-Dinitrotoluene
Concen: 35.287 ng
RT: 14.34 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG030678.D
Acq: 3 Nov 2017 1:02

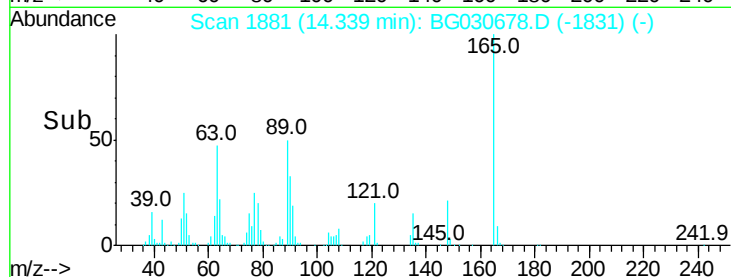
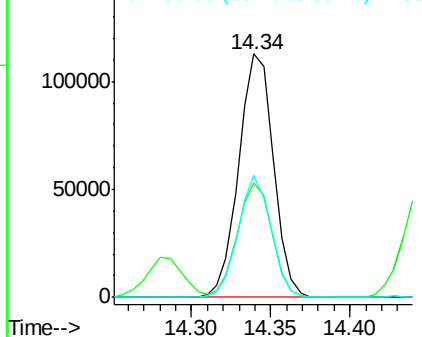
Instrument :
BNA_G
ClientSampleId :
RLF-SD-6MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.9	52.7	79.1#
89	50.2	49.2	73.8

Manual Integrations
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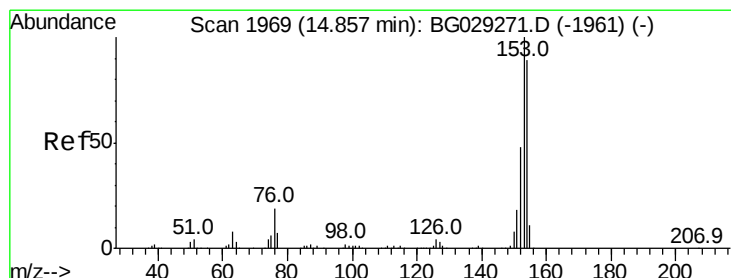


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGO
Ion 89.00 (88.70 to 89.70): BGO



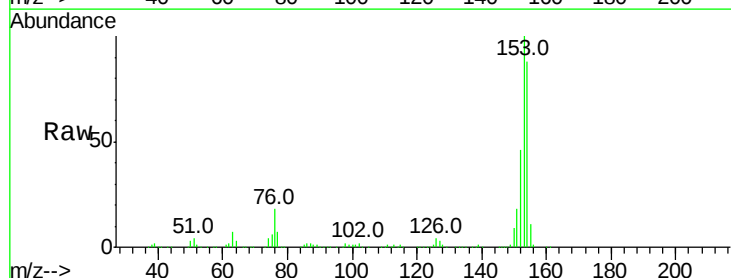
Sohil

11/3/2017 1:25:00 PM

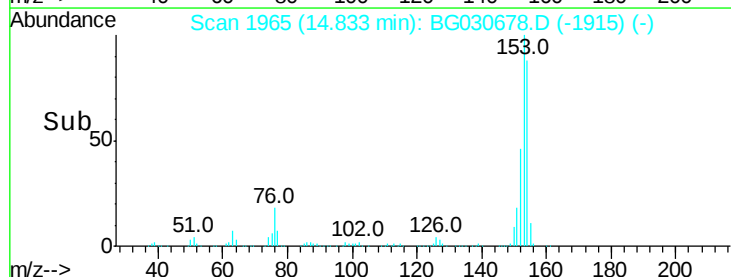
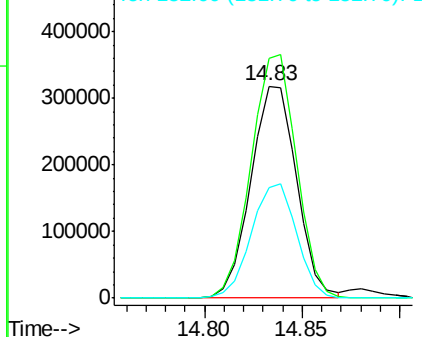


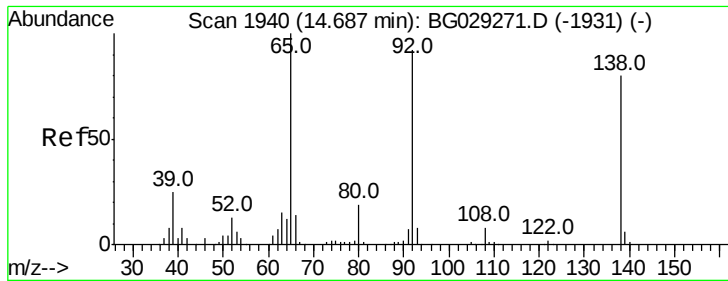
#51
Acenaphthene
Concen: 27.277 ng
RT: 14.83 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BG030678.D
Acq: 3 Nov 2017 1:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.1	90.4	135.6
152	52.4	41.6	62.4



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



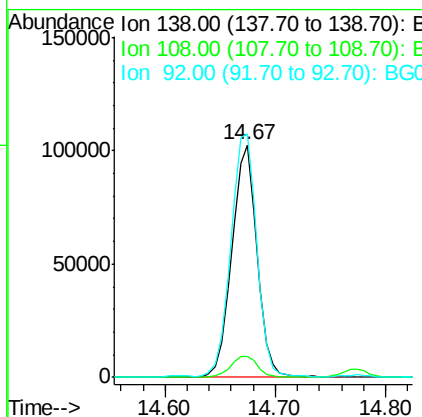
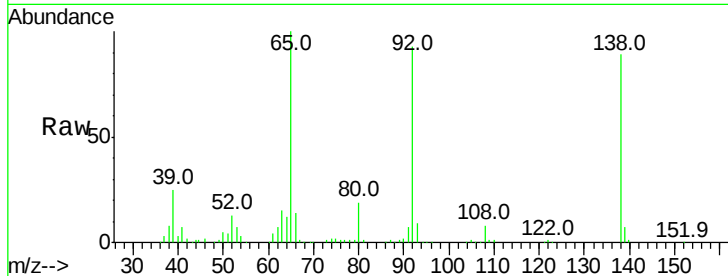


#52
 3-Nitroaniline
 Concen: 31.354 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: BG030678.D
 Acq: 3 Nov 2017 1:02

Instrument :
 BNA_G
 ClientSampled :
 RLF-SD-6MSD

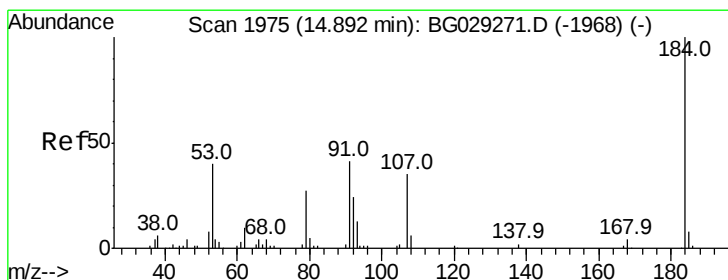
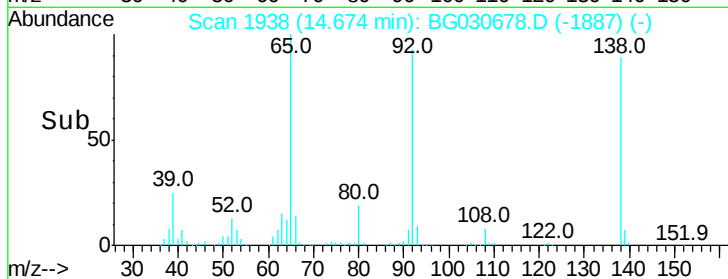
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.1	17.5	26.3#
92	104.8	105.8	158.8#

Manual Integrations
 APPROVED



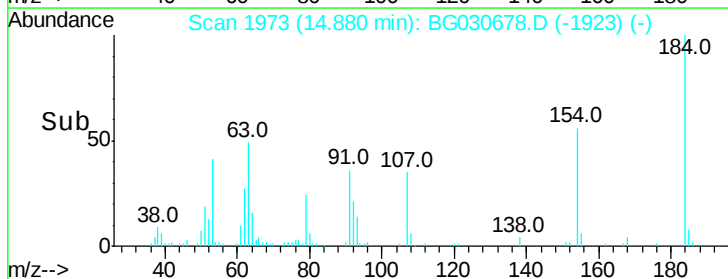
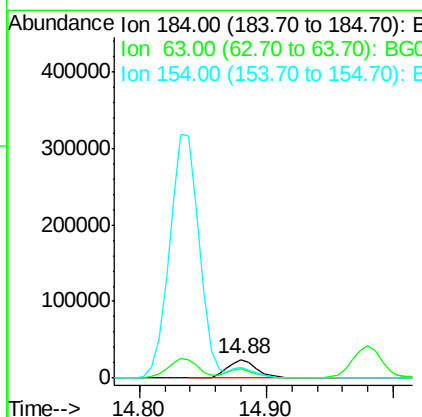
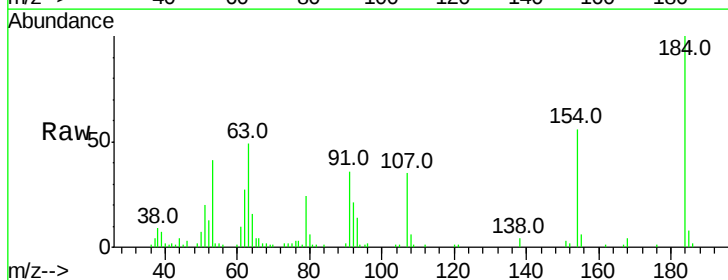
Sohil

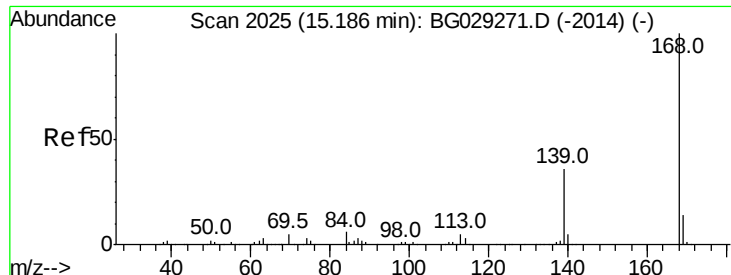
11/3/2017 1:25:00 PM



#53
 2,4-Dinitrophenol
 Concen: 20.164 ng
 RT: 14.88 min Scan# 1973
 Delta R.T. -0.01 min
 Lab File: BG030678.D
 Acq: 3 Nov 2017 1:02

Tgt Ion	Ratio	Lower	Upper
184	100		
63	49.1	59.8	89.8#
154	55.7	101.8	152.8#



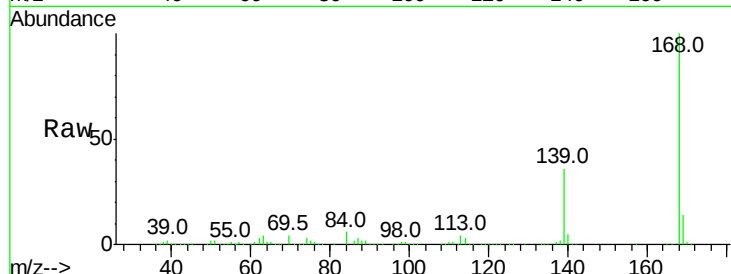


#54
Dibenzenofuran
Concen: 31.809 ng
RT: 15.17 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BG030678.D
Acq: 3 Nov 2017 1:02

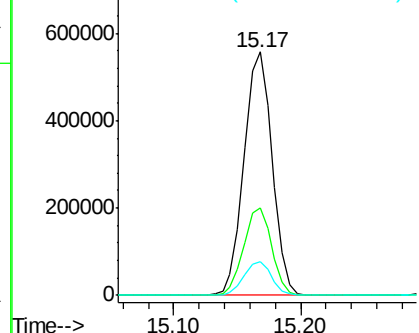
Instrument :
BNA_G
ClientSampleId :
RLF-SD-6MSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	36.0	28.6	43.0	
169	14.1	11.2	16.8	

Manual Integrations
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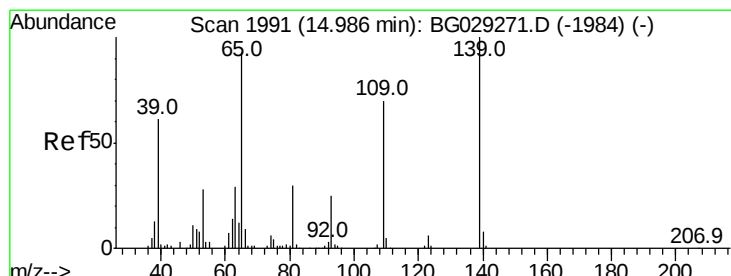


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



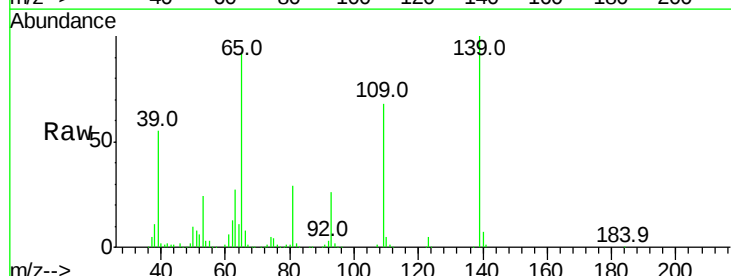
Sohil

11/3/2017 1:25:00 PM

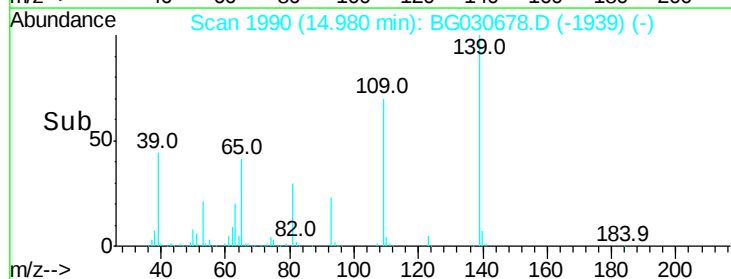
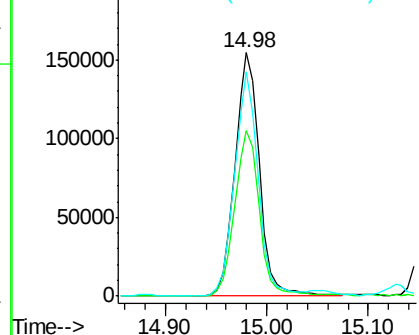


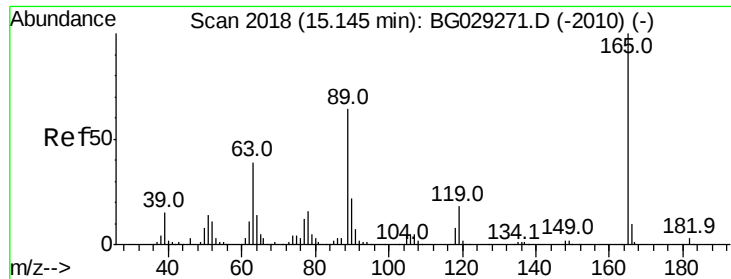
#55
4-Nitrophenol
Concen: 60.230 ng
RT: 14.98 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BG030678.D
Acq: 3 Nov 2017 1:02

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	68.2	62.2	102.2	
65	92.3	97.2	137.2#	



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGO



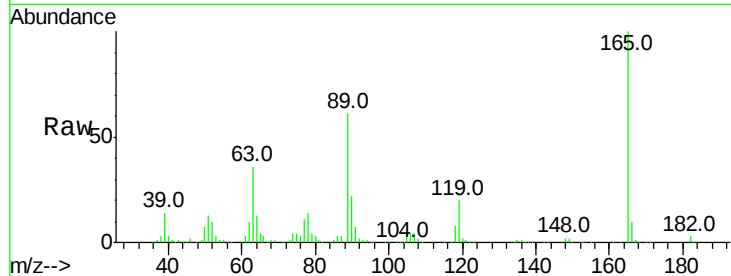


#56
2,4-Dinitrotoluene
Concen: 37.560 ng
RT: 15.13 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BG030678.D
Acq: 3 Nov 2017 1:02

Instrument :
BNA_G
ClientSampleId :
RLF-SD-6MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	36.3	42.0	63.0#
89	61.4	66.9	100.3#
182	2.9	2.6	3.8

Manual Integrations
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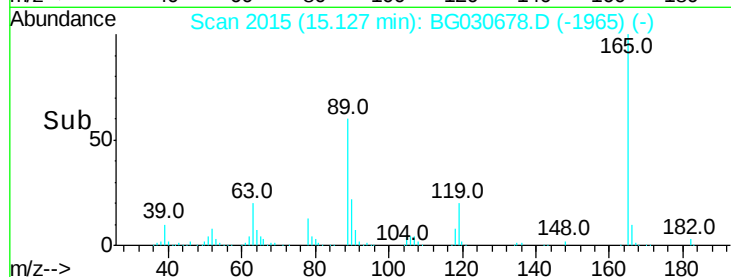
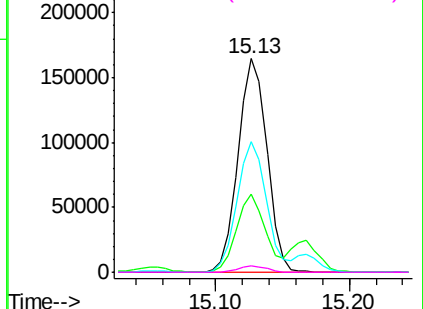
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

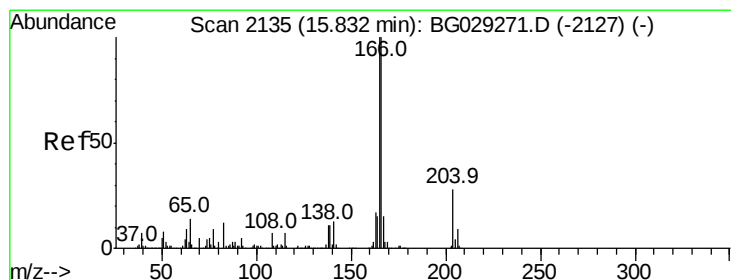
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



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11/3/2017 1:25:00 PM



#57
Fluorene
Concen: 30.365 ng
RT: 15.81 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BG030678.D
Acq: 3 Nov 2017 1:02

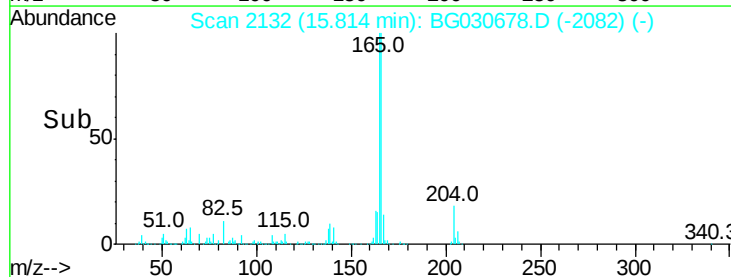
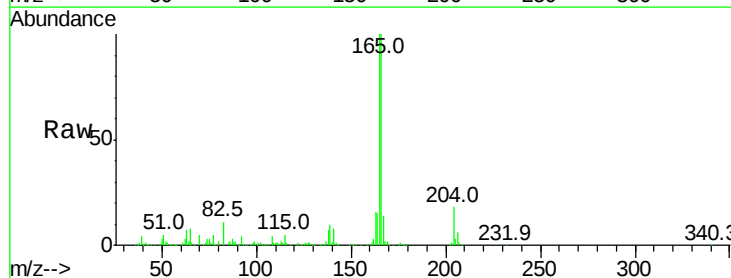
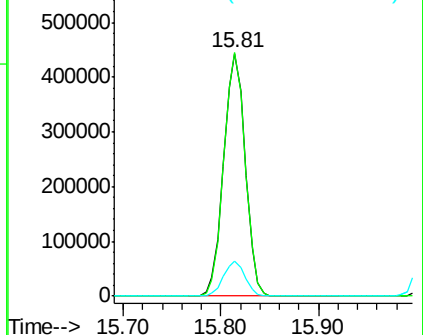
Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.3	80.6	121.0
167	14.4	10.4	15.6

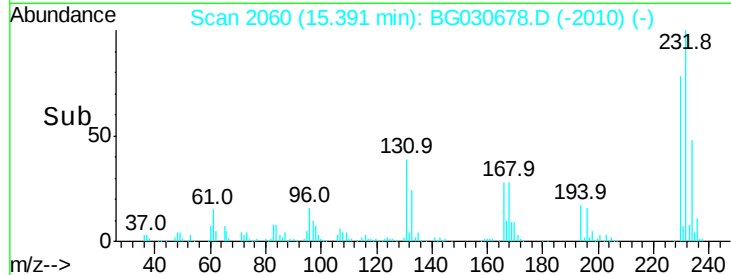
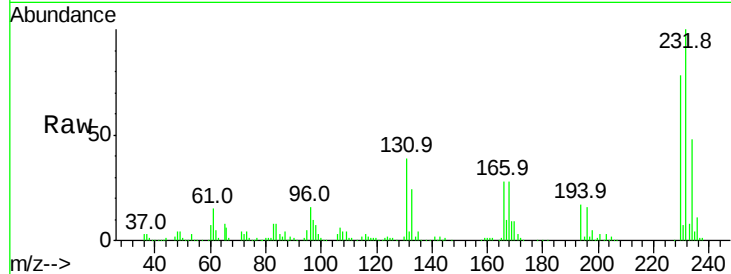
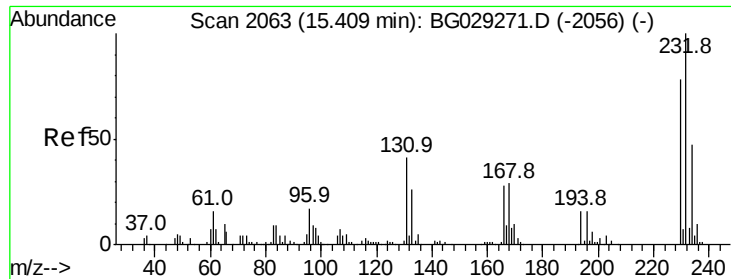
Abundance

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



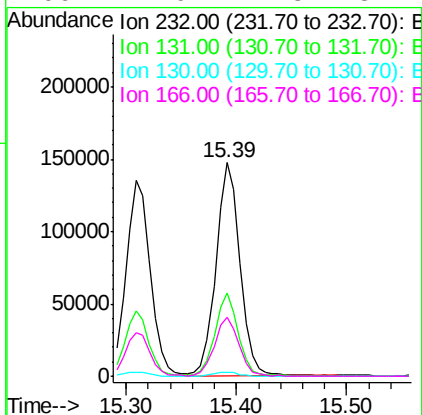


#58
2,3,4,6-Tetrachlorophenol
Concen: 38.106 ng
RT: 15.39 min Scan# 2060
Delta R.T. -0.01 min
Lab File: BG030678.D
Acq: 3 Nov 2017 1:02

Tot Ion	Ratio	Resp	Lower	Upper
232	100	221647		
131	37.6		33.5	50.3
130	2.1		2.2	3.2
166	27.9		24.8	37.2

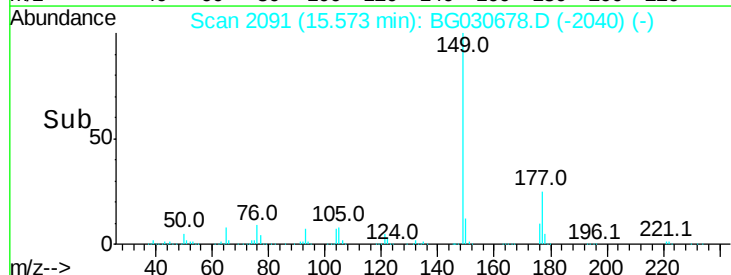
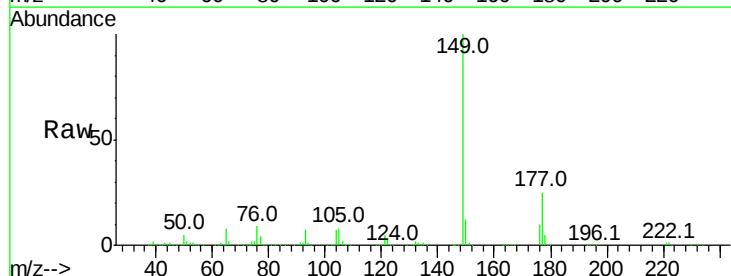
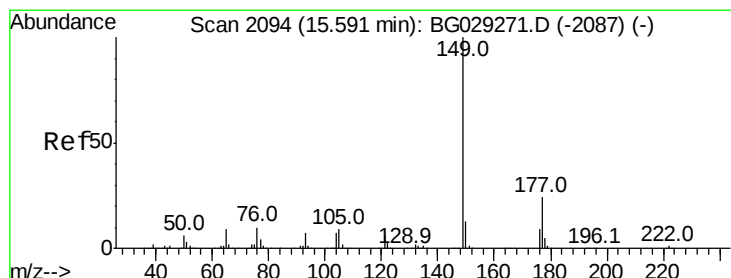
Instrument :
BNA_G
ClientSampleId :
RLF-SD-6MSD

Manual Integrations
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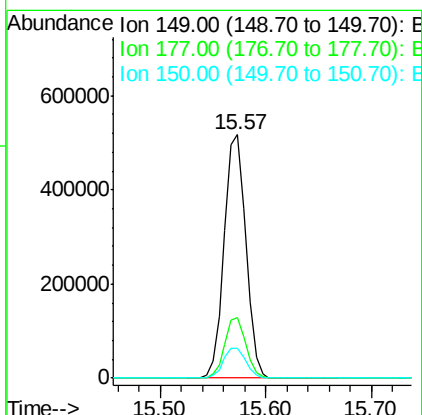
Sohil

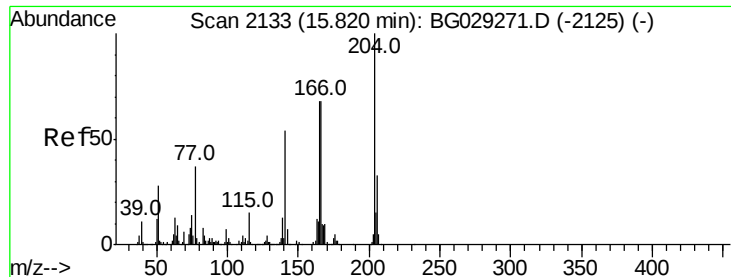
11/3/2017 1:25:00 PM



#59
Diethylphthalate
Concen: 31.840 ng
RT: 15.57 min Scan# 2091
Delta R.T. 0.00 min
Lab File: BG030678.D
Acq: 3 Nov 2017 1:02

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	733333		
177	24.9		18.5	27.7
150	12.3		10.2	15.2



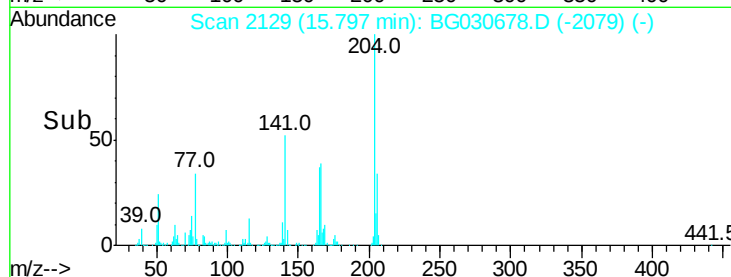
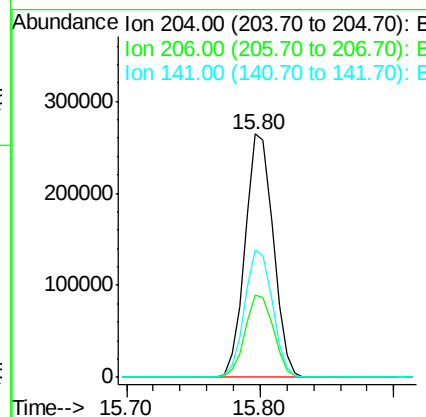
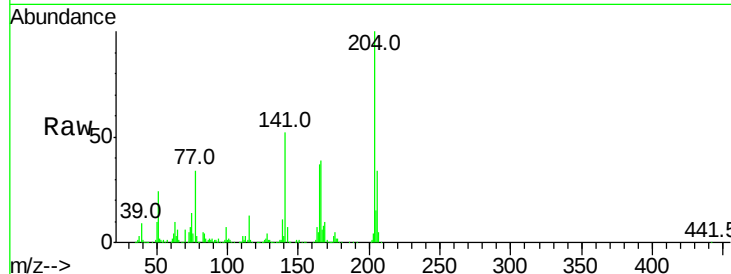


#60
4-Chlorophenyl-phenylether
Concen: 32.271 ng
RT: 15.80 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BG030678.D
Acq: 3 Nov 2017 1:02

Instrument :
BNA_G
ClientSampleId :
RLF-SD-6MSD

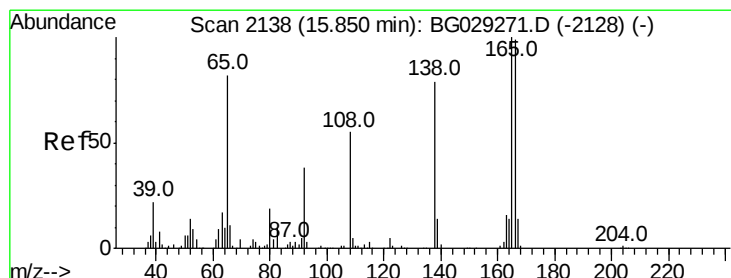
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.1	26.2	39.2
141	52.0	45.8	68.6

Manual Integrations
APPROVED



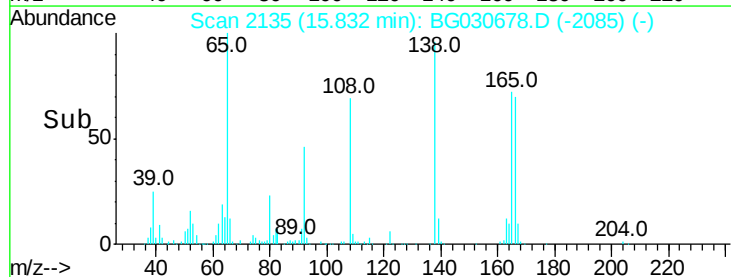
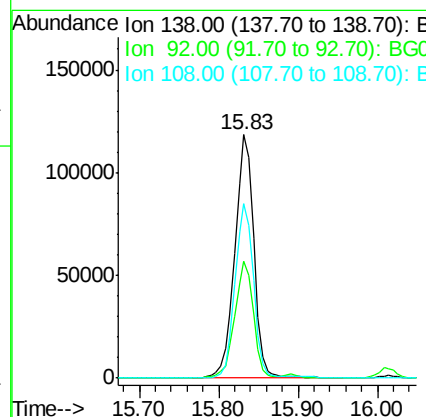
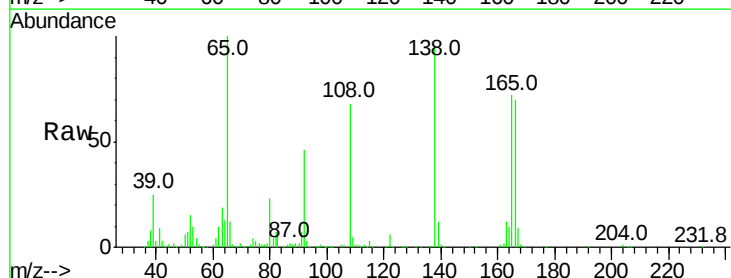
Sohil

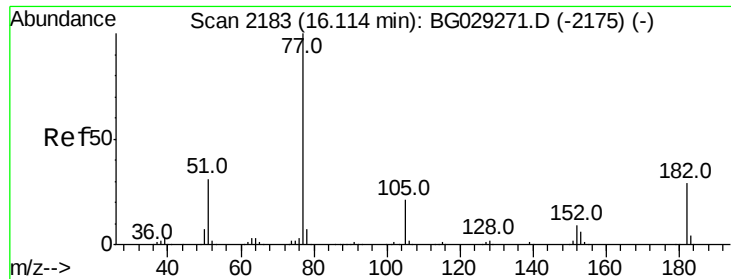
11/3/2017 1:25:00 PM



#61
4-Nitroaniline
Concen: 36.695 ng
RT: 15.83 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BG030678.D
Acq: 3 Nov 2017 1:02

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.9	40.1	80.1
108	71.6	65.4	105.4



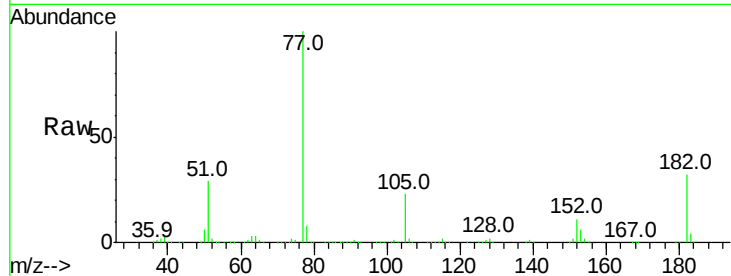


#62
Azobenzene
Concen: 35.585 ng
RT: 16.10 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BG030678.D
Acq: 3 Nov 2017 1:02

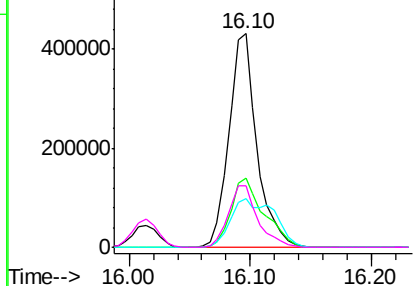
Instrument :
BNA_G
ClientSampleId :
RLF-SD-6MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	32.4	7.4	47.4
105	22.9	0.3	40.3
51	29.0	11.6	51.6

Manual Integrations
APPROVED

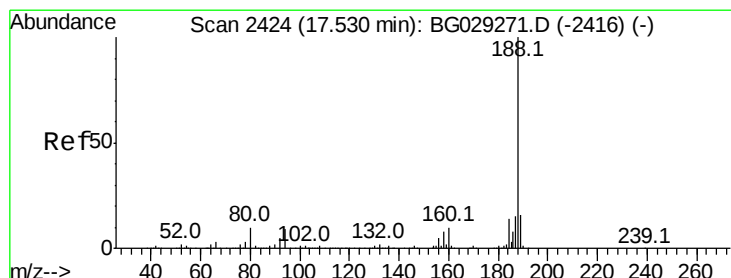
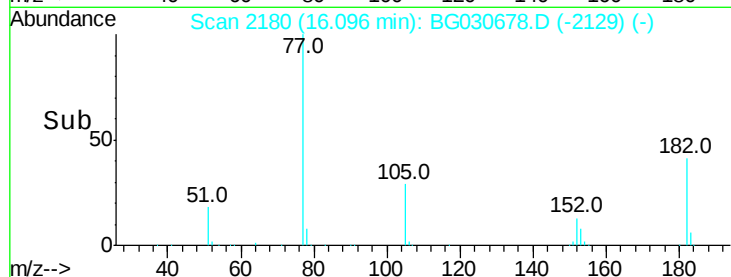


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



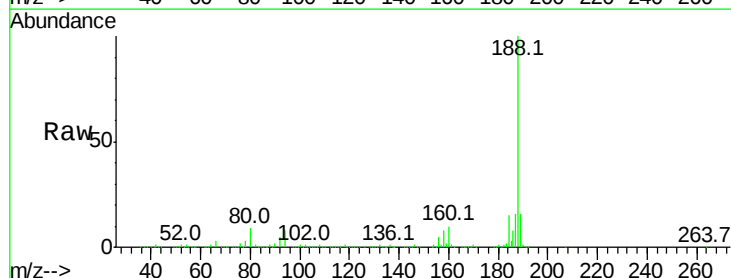
Sohil

11/3/2017 1:25:00 PM

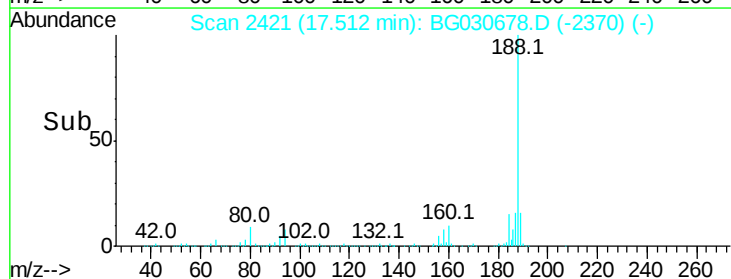
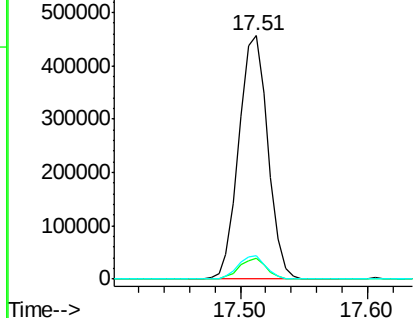


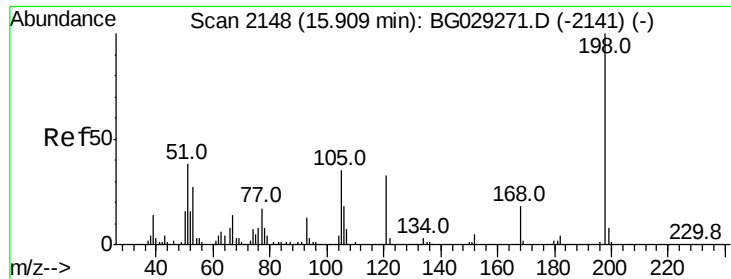
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2421
Delta R.T. 0.00 min
Lab File: BG030678.D
Acq: 3 Nov 2017 1:02

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.9	10.3
80	9.4	7.7	11.5



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC



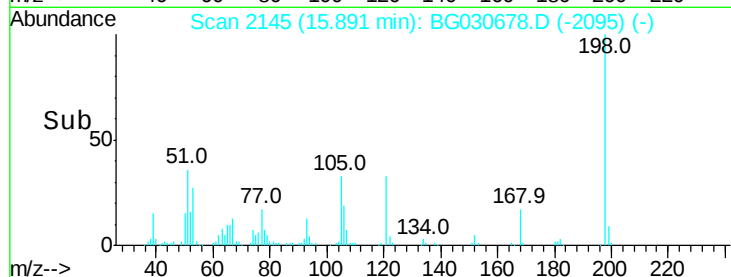
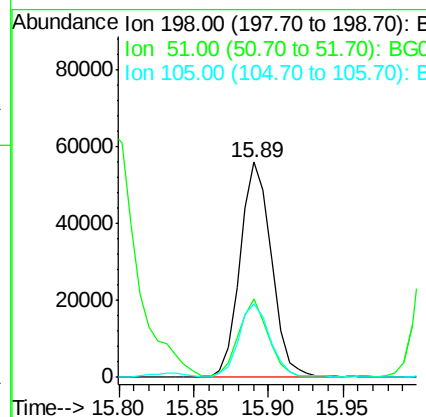
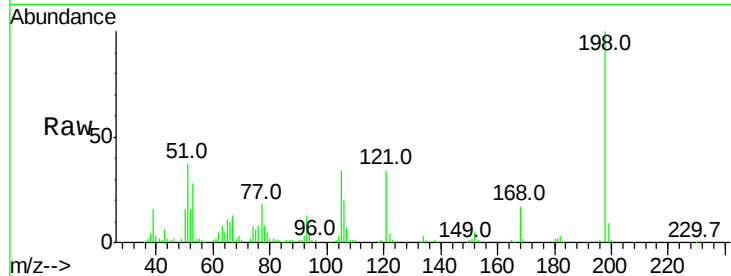


#64
 4,6-Dinitro-2-methylphenol
 Concen: 22.938 ng
 RT: 15.89 min Scan# 2145
 Delta R.T. -0.01 min
 Lab File: BG030678.D
 Acq: 3 Nov 2017 1:02

Instrument :
 BNA_G
 ClientSampleId :
 RLF-SD-6MSD

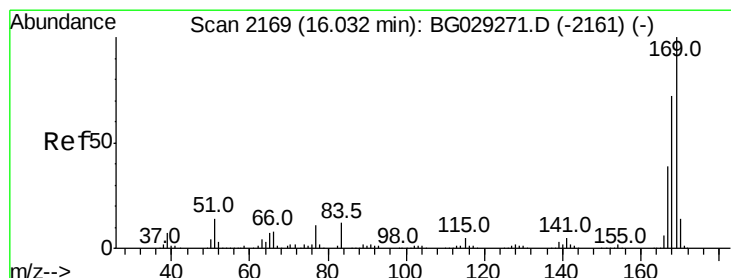
Tot Ion	Ratio	Lower	Upper
198	100		
51	36.7	30.6	70.6
105	33.9	23.8	63.8

Manual Integrations
 APPROVED



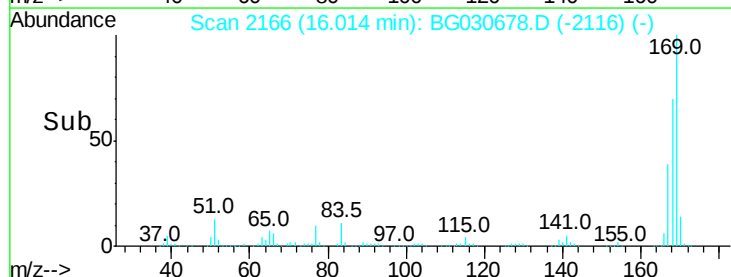
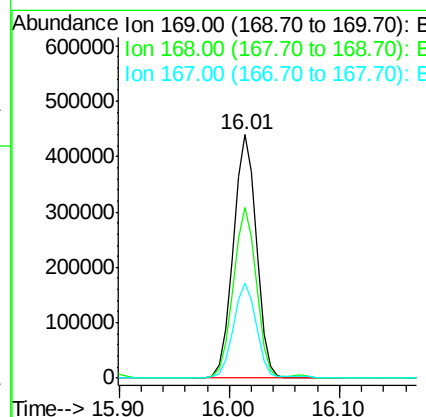
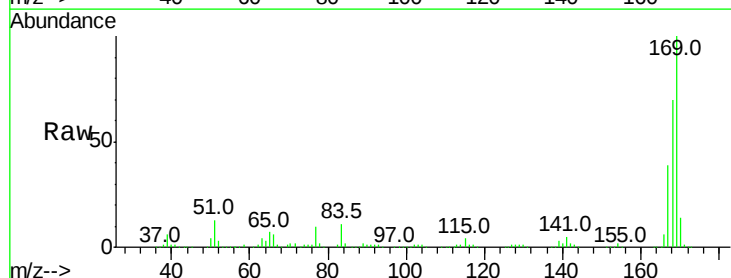
Sohil

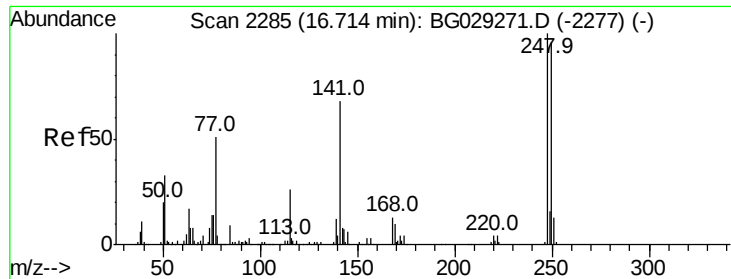
11/3/2017 1:25:00 PM



#65
 n-Nitrosodiphenylamine
 Concen: 29.959 ng
 RT: 16.01 min Scan# 2166
 Delta R.T. -0.01 min
 Lab File: BG030678.D
 Acq: 3 Nov 2017 1:02

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.3	55.7	83.5
167	39.3	30.1	45.1



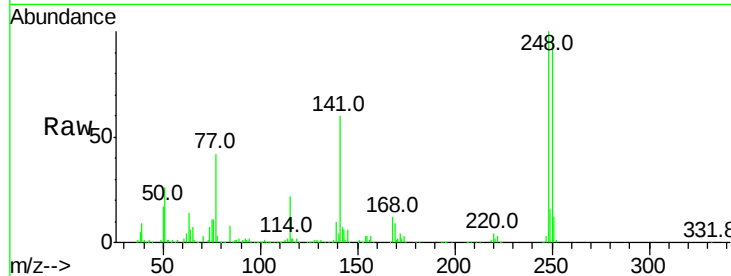


#66
4-Bromophenyl-phenylether
Concen: 31.335 ng
RT: 16.70 min Scan# 2282
Delta R.T. 0.00 min
Lab File: BG030678.D
Acq: 3 Nov 2017 1:02

Instrument :
BNA_G
ClientSampleId :
RLF-SD-6MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.6	77.1	115.7
141	59.8	50.8	76.2

Manual Integrations
APPROVED

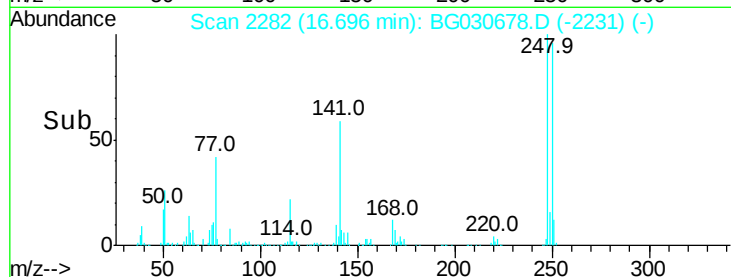
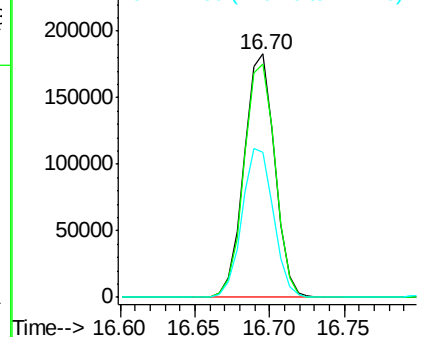


Abundance

Ion 248.00 (247.70 to 248.70): E

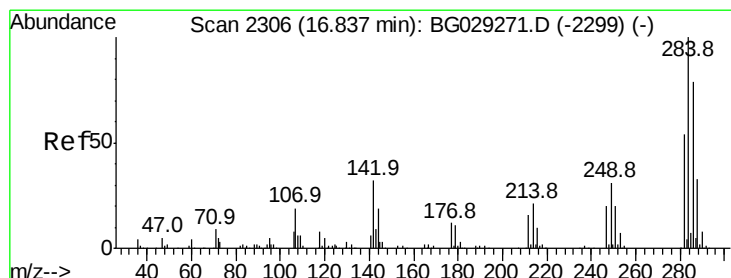
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



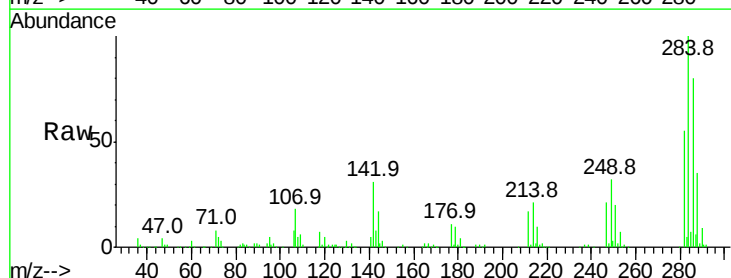
Sohil

11/3/2017 1:25:00 PM



#67
Hexachlorobenzene
Concen: 30.189 ng
RT: 16.82 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BG030678.D
Acq: 3 Nov 2017 1:02

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.9	26.8	40.2
249	32.2	26.3	39.5

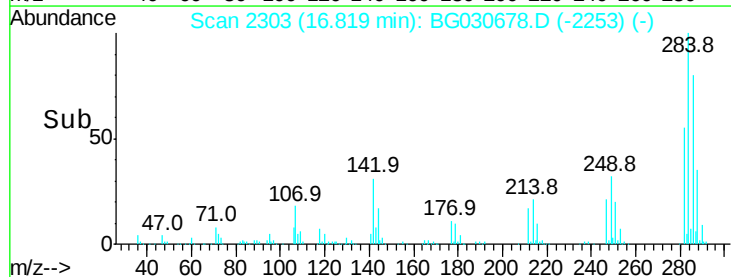
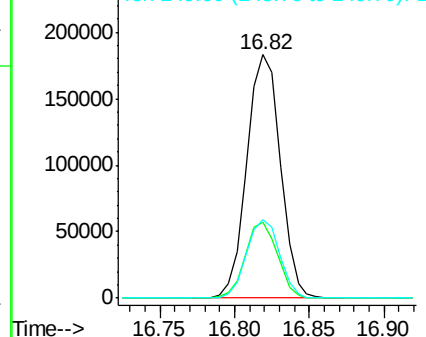


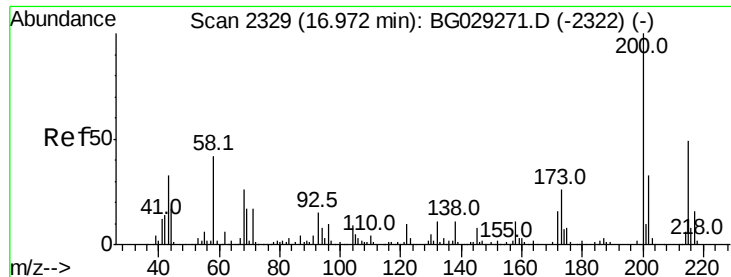
Abundance

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



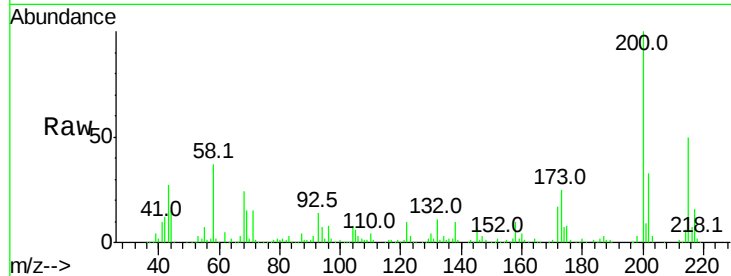


#68
Atrazine
Concen: 33.773 ng
RT: 16.95 min Scan# 2326
Delta R.T. -0.01 min
Lab File: BG030678.D
Acq: 3 Nov 2017 1:02

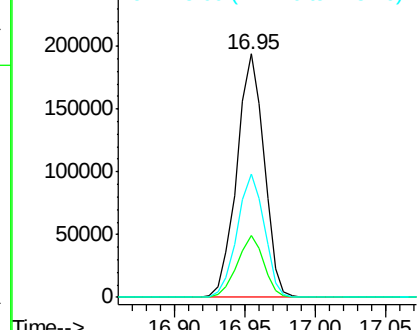
Instrument :
BNA_G
ClientSampled :
RLF-SD-6MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.4	5.2	45.2
215	50.4	30.4	70.4

Manual Integrations
APPROVED

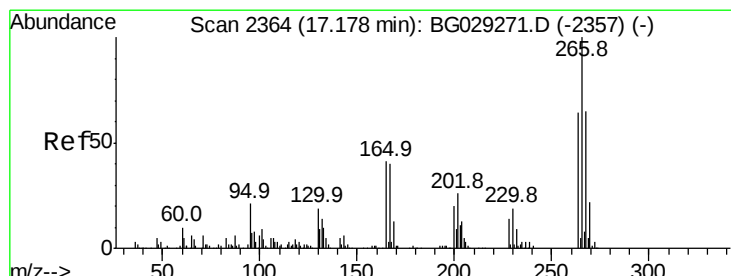
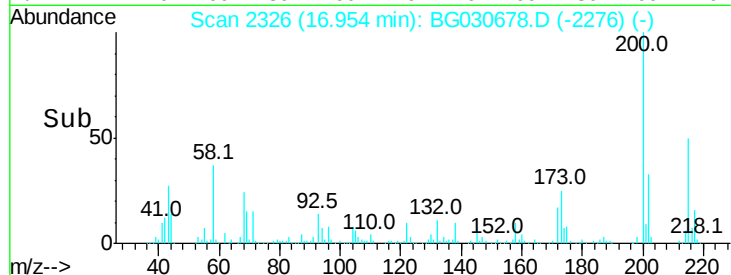


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



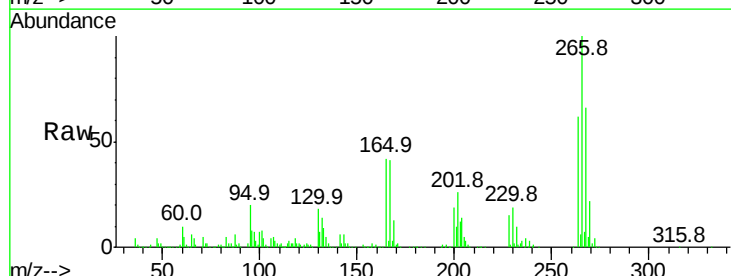
Sohil

11/3/2017 1:25:00 PM

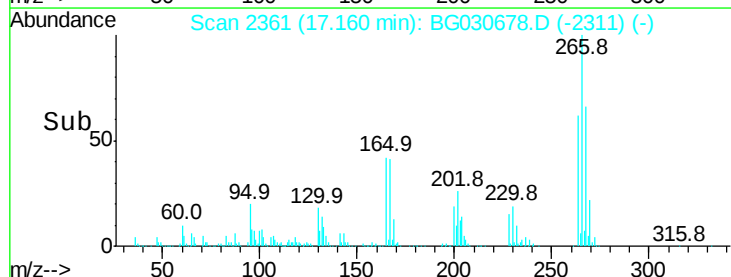
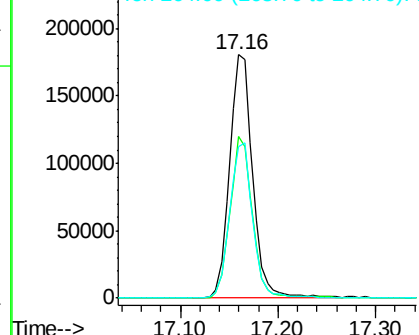


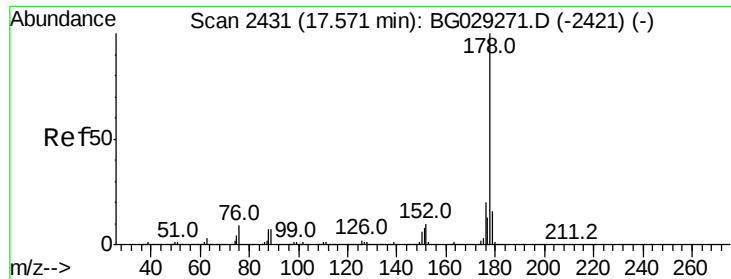
#69
Pentachlorophenol
Concen: 54.806 ng
RT: 17.16 min Scan# 2361
Delta R.T. -0.01 min
Lab File: BG030678.D
Acq: 3 Nov 2017 1:02

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	66.4	51.1	76.7
264	62.2	49.6	74.4



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



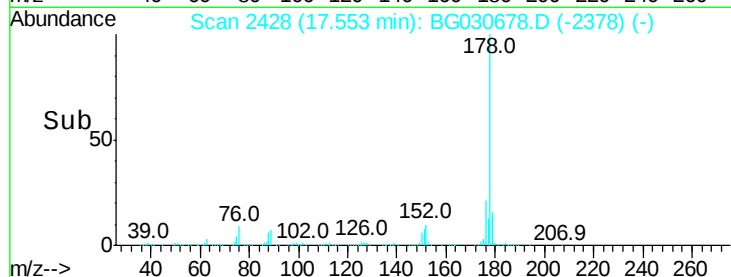
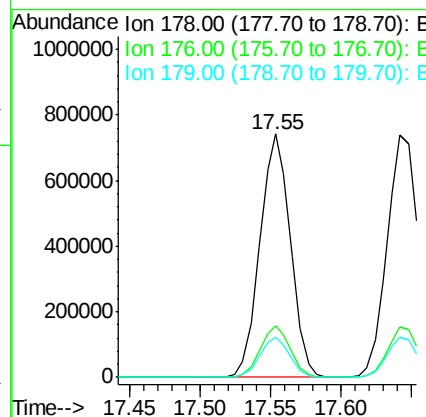
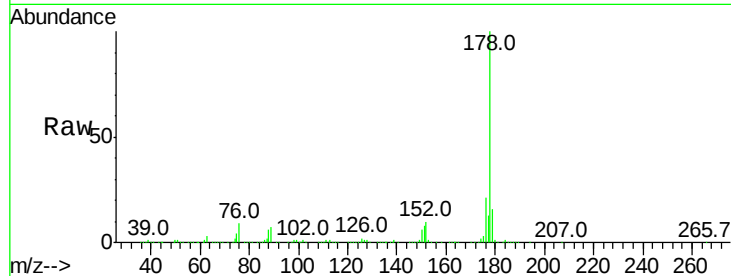


#70
Phenanthrene
Concen: 30.124 ng
RT: 17.55 min Scan# 2428
Delta R.T. -0.01 min
Lab File: BG030678.D
Acq: 3 Nov 2017 1:02

Instrument :
BNA_G
ClientSampleId :
RLF-SD-6MSD

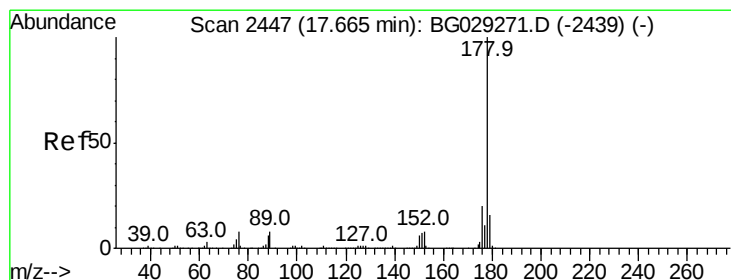
Tot Ion	Ratio	Lower	Upper
178	100		
176	21.4	15.7	23.5
179	16.5	12.5	18.7

Manual Integrations
APPROVED



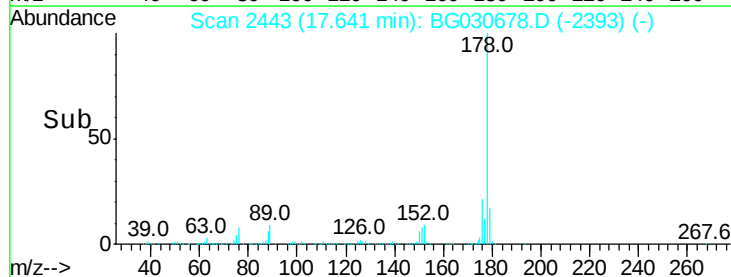
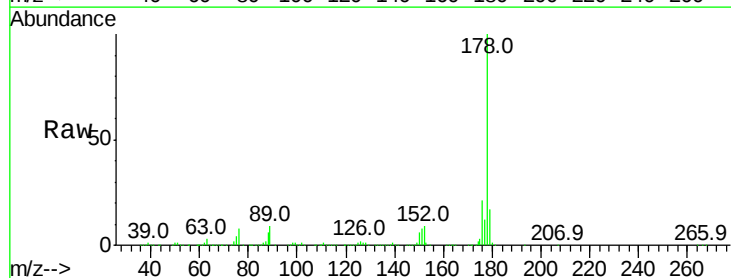
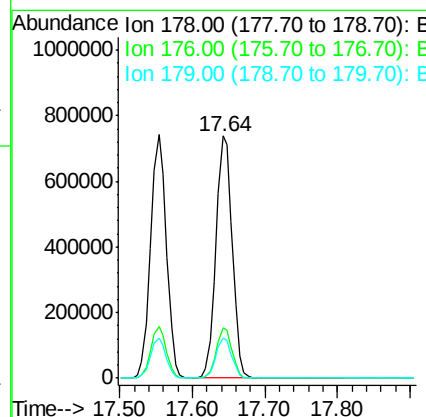
Sohil

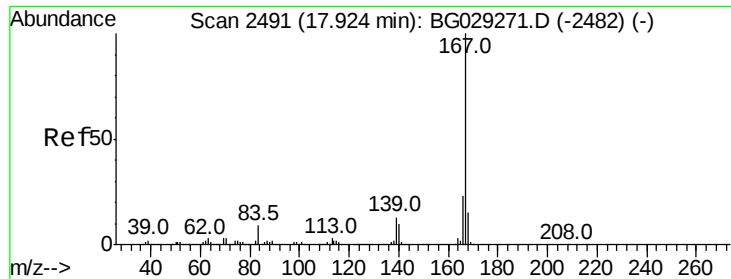
11/3/2017 1:25:00 PM



#71
Anthracene
Concen: 30.786 ng
RT: 17.64 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BG030678.D
Acq: 3 Nov 2017 1:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.0	24.0
179	16.8	12.5	18.7



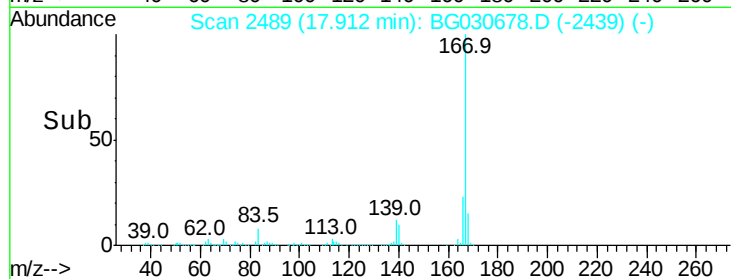
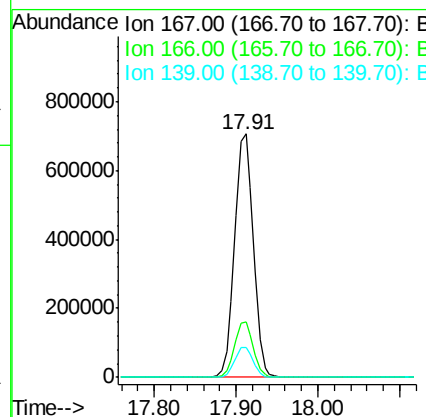
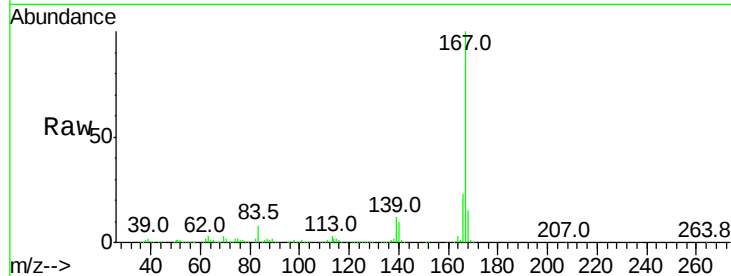


#72
 Carbazole
 Concen: 31.405 ng
 RT: 17.91 min Scan# 2489
 Delta R.T. -0.01 min
 Lab File: BG030678.D
 Acq: 3 Nov 2017 1:02

Instrument :
 BNA_G
 ClientSampleId :
 RLF-SD-6MSD

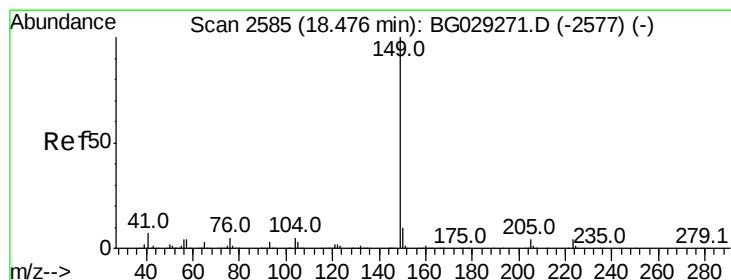
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.2	27.4
139	12.1	9.4	14.2

Manual Integrations
 APPROVED



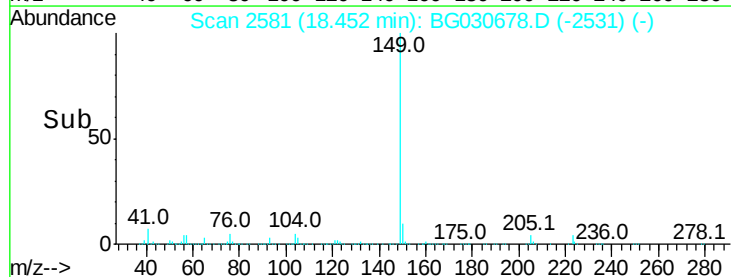
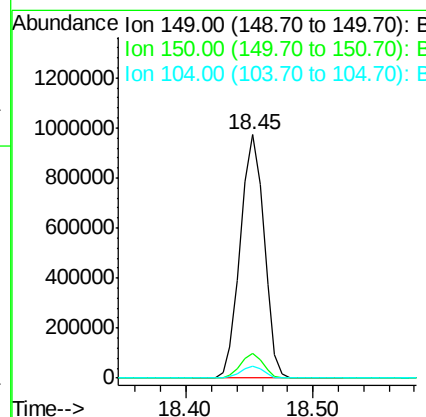
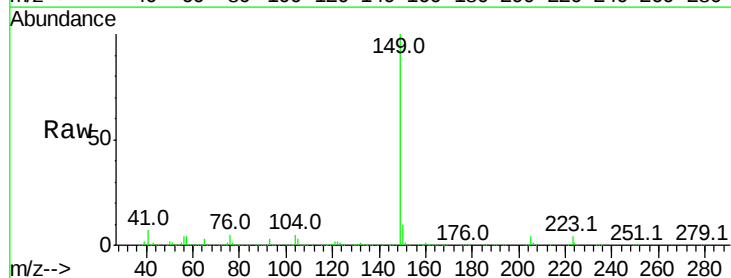
Sohil

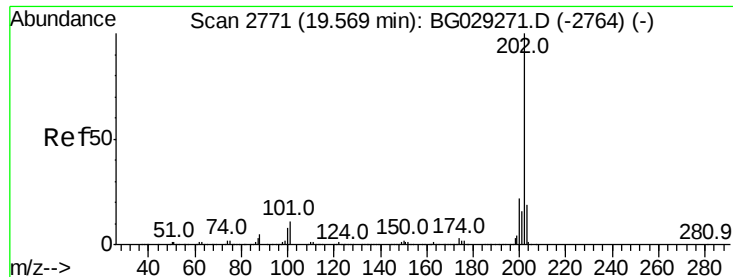
11/3/2017 1:25:00 PM



#73
 Di-n-butylphthalate
 Concen: 30.421 ng
 RT: 18.45 min Scan# 2581
 Delta R.T. -0.01 min
 Lab File: BG030678.D
 Acq: 3 Nov 2017 1:02

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	7.8	11.6
104	5.2	3.9	5.9





#74

Fluoranthene

Concen: 32.466 ng

RT: 19.55 min Scan# 2768

Delta R.T. -0.01 min

Lab File: BG030678.D

Acq: 3 Nov 2017 1:02

Instrument :

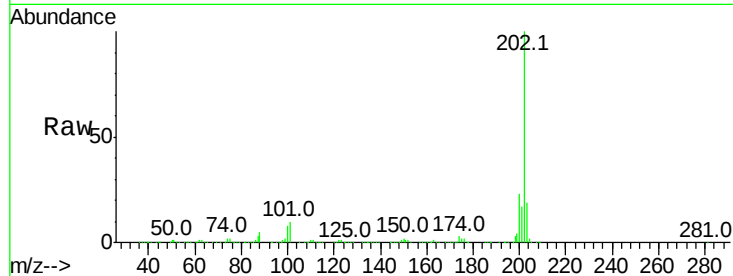
BNA_G

ClientSampleId :

RLF-SD-6MSD

Tot Ion:	202	Resp:	1416170
Ion Ratio	Lower	Upper	
202	100		
101	10.0	0.0	28.9
203	19.1	0.0	37.5

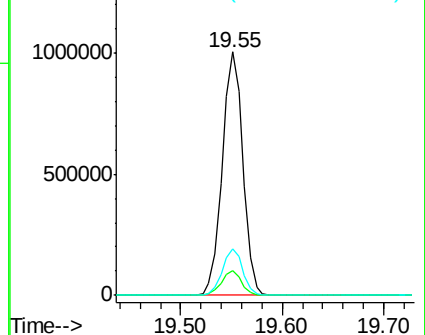
Manual Integrations
APPROVED



Abundance Ion 202.00 (201.70 to 202.70): E

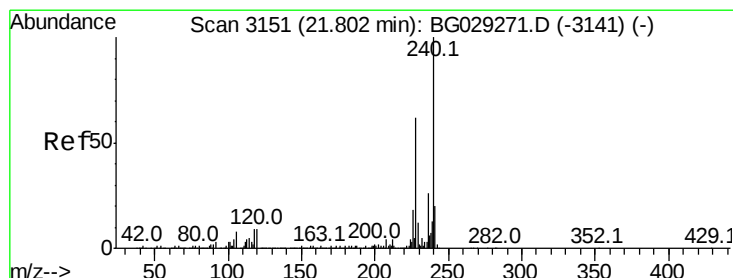
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Sohil

11/3/2017 1:25:00 PM



#75

Chrysene-d12

Concen: 20.000 ng

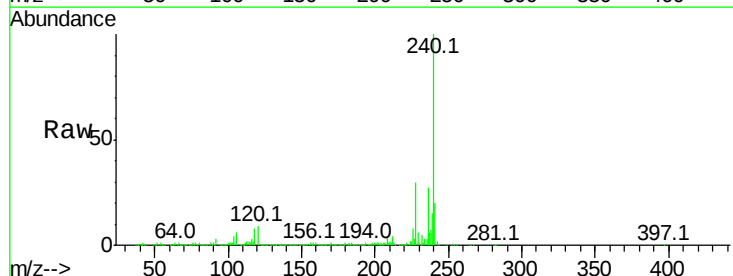
RT: 21.78 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG030678.D

Acq: 3 Nov 2017 1:02

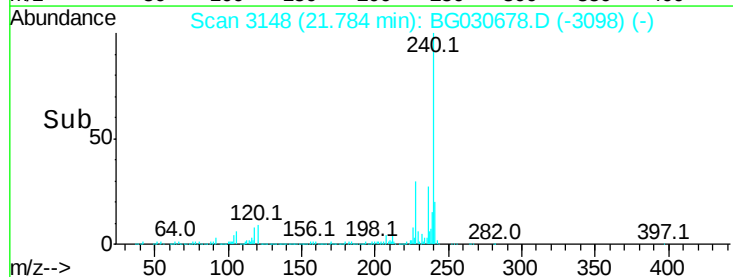
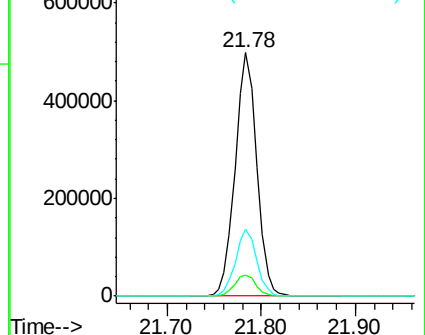
Tgt Ion:	240	Resp:	794410
Ion Ratio	Lower	Upper	
240	100		
120	8.8	6.8	10.2
236	27.3	20.9	31.3

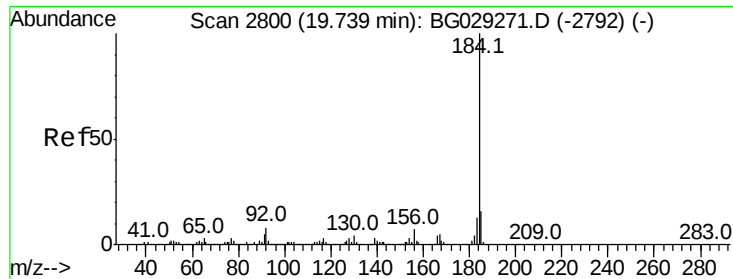


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 34.405 ng

RT: 19.72 min Scan# 2797

Delta R.T. -0.01 min

Lab File: BG030678.D

Acq: 3 Nov 2017 1:02

Instrument :

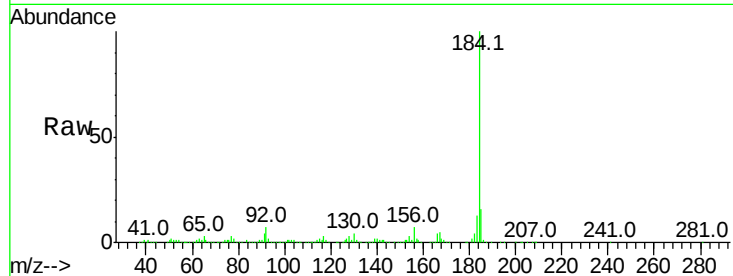
BNA_G

ClientSampleId :

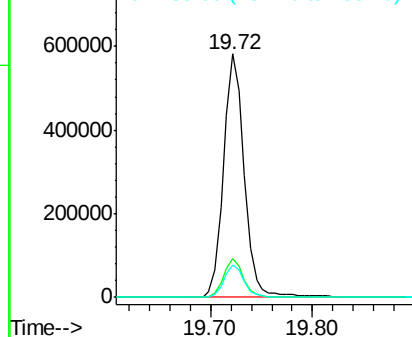
RLF-SD-6MSD

Tot Ion:	184	Resp:	825249
Ion Ratio	Lower	Upper	
184	100		
185	15.8	11.1	16.7
183	13.3	10.6	16.0

Manual Integrations
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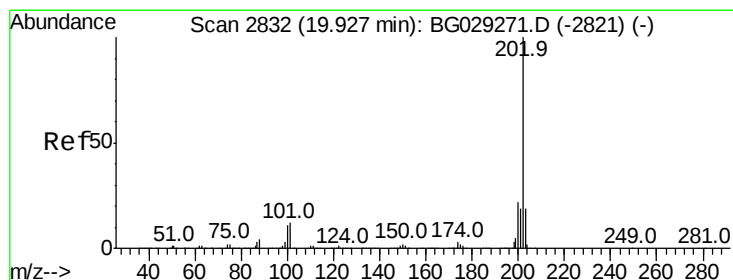
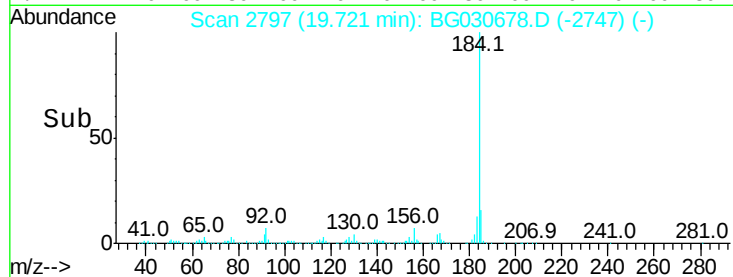


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



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11/3/2017 1:25:00 PM



#77

Pyrene

Concen: 29.869 ng

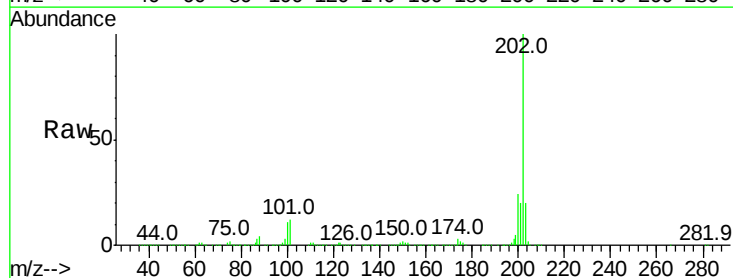
RT: 19.91 min Scan# 2829

Delta R.T. -0.01 min

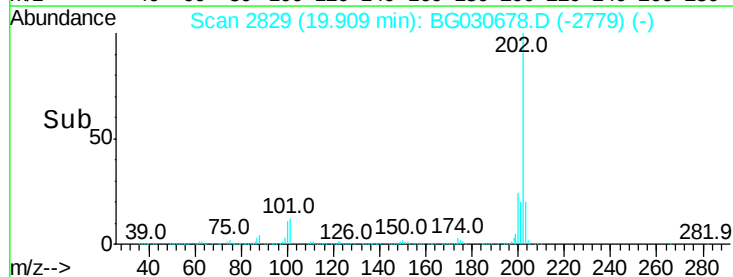
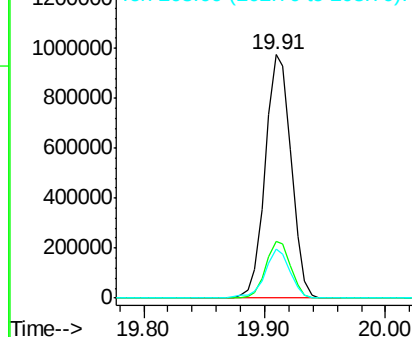
Lab File: BG030678.D

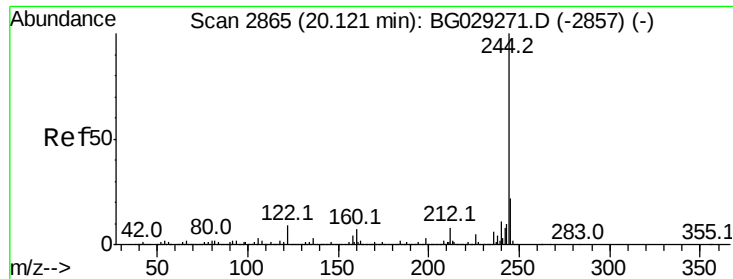
Acq: 3 Nov 2017 1:02

Tgt Ion:	202	Resp:	1439387
Ion Ratio	Lower	Upper	
202	100		
200	23.6	16.9	25.3
203	20.1	13.9	20.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 56.194 ng

RT: 20.10 min Scan# 2861

Delta R.T. -0.01 min

Lab File: BG030678.D

Acq: 3 Nov 2017 1:02

Instrument :

BNA_G

ClientSampleId :

RLF-SD-6MSD

Tot Ion:244 Resp: 1962295

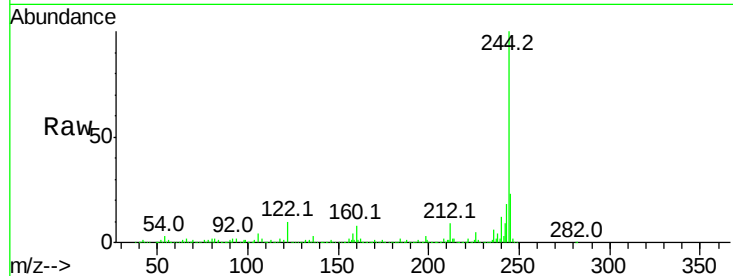
Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

122 10.1 7.0 10.4

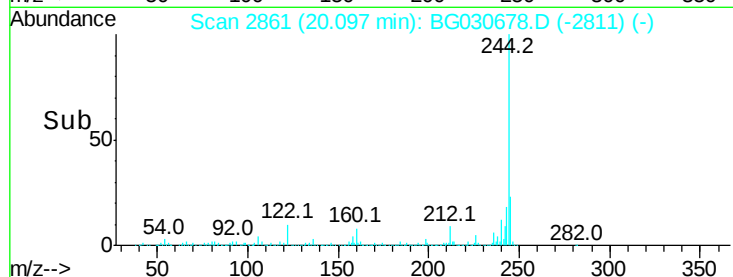
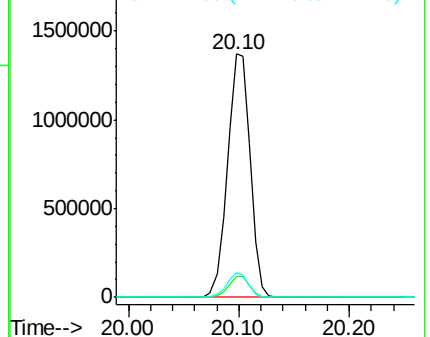
Manual Integrations
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Abundance Ion 244.00 (243.70 to 244.70): E

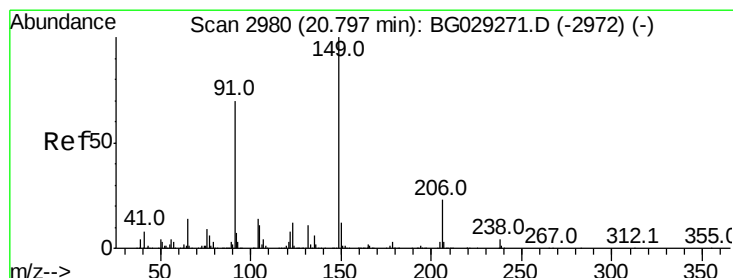
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



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11/3/2017 1:25:00 PM



#79

Butylbenzylphthalate

Concen: 30.232 ng

RT: 20.78 min Scan# 2977

Delta R.T. -0.01 min

Lab File: BG030678.D

Acq: 3 Nov 2017 1:02

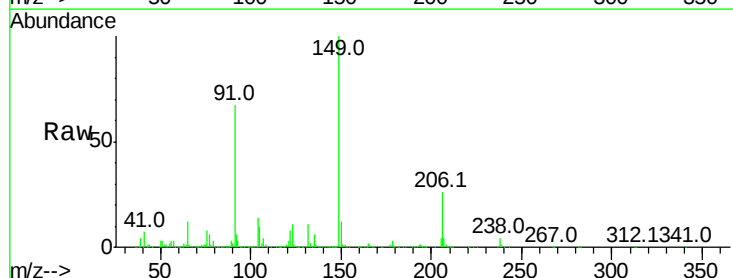
Tgt Ion:149 Resp: 620688

Ion Ratio Lower Upper

149 100

91 66.8 62.2 93.2

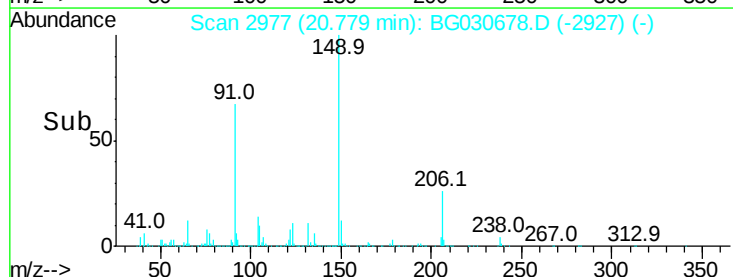
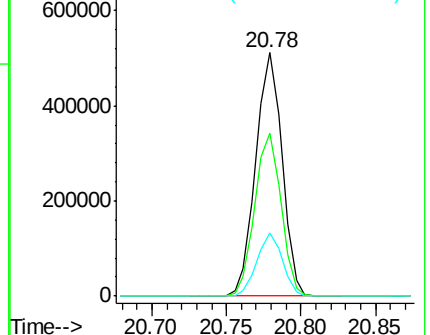
206 26.1 18.6 27.8

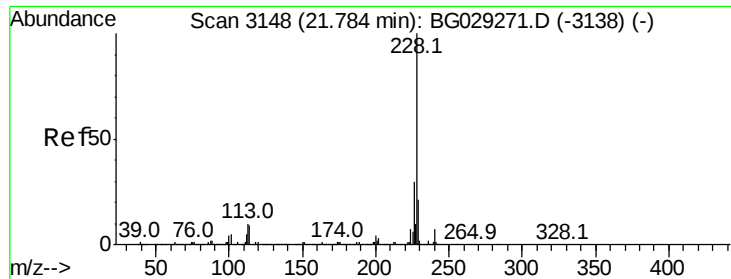


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



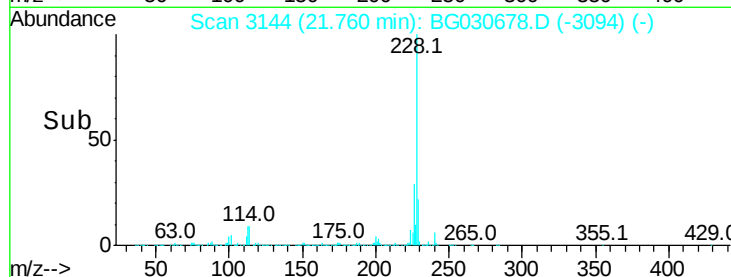
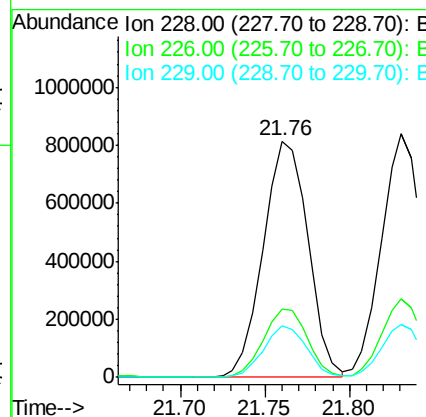
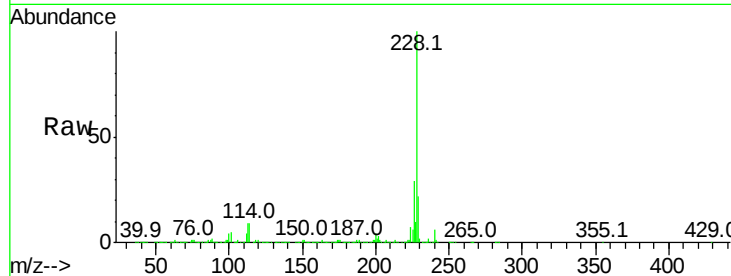


#80
Benzo(a)anthracene
Concen: 31.952 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG030678.D
Acq: 3 Nov 2017 1:02

Instrument :
BNA_G
ClientSampled :
RLF-SD-6MSD

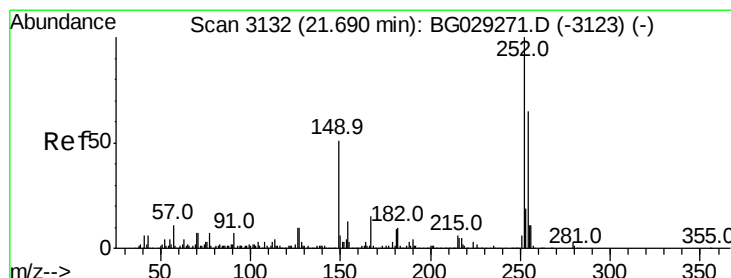
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.7	34.1
229	21.7	16.2	24.2

Manual Integrations
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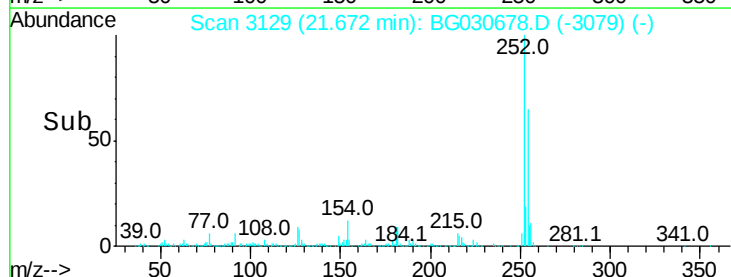
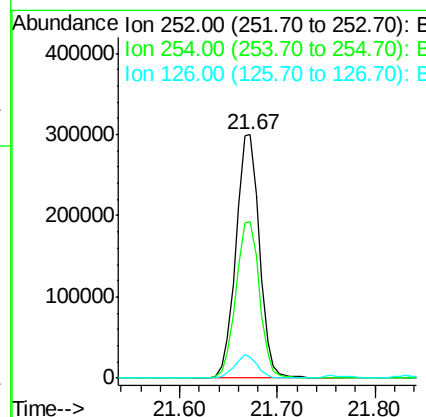
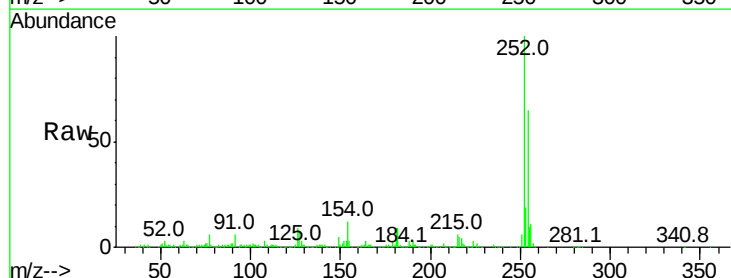
Sohil

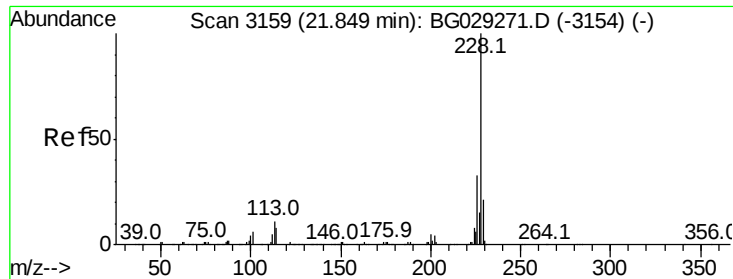
11/3/2017 1:25:00 PM



#81
3,3'-Dichlorobenzidine
Concen: 25.960 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.01 min
Lab File: BG030678.D
Acq: 3 Nov 2017 1:02

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.5	50.8	76.2
126	8.8	7.4	11.2



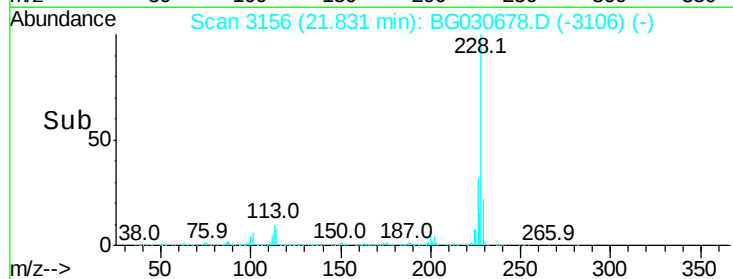
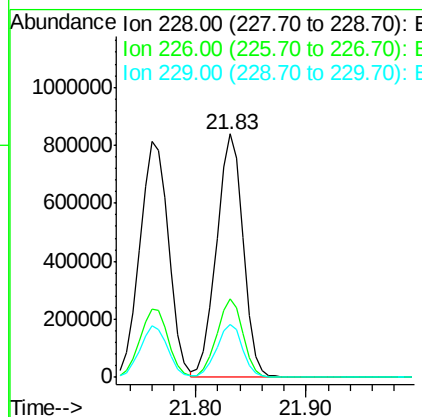
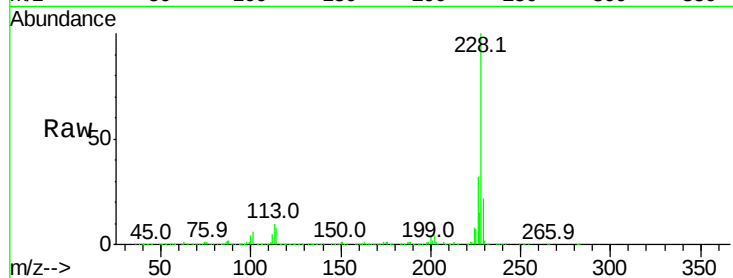


#82
Chrysene
Concen: 31.238 ng
RT: 21.83 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG030678.D
Acq: 3 Nov 2017 1:02

Instrument :
BNA_G
ClientSampleId :
RLF-SD-6MSD

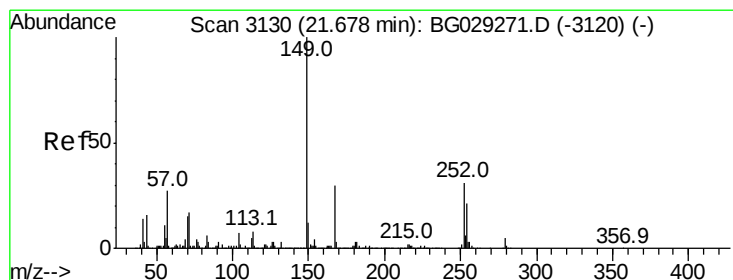
Tot Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.9	37.3
229	21.9	15.0	22.4

Manual Integrations
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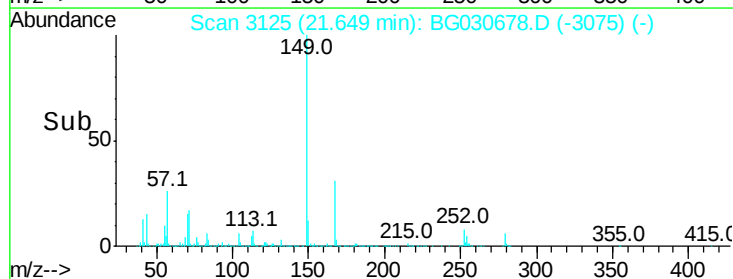
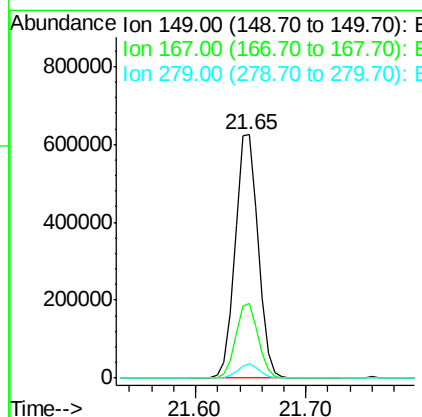
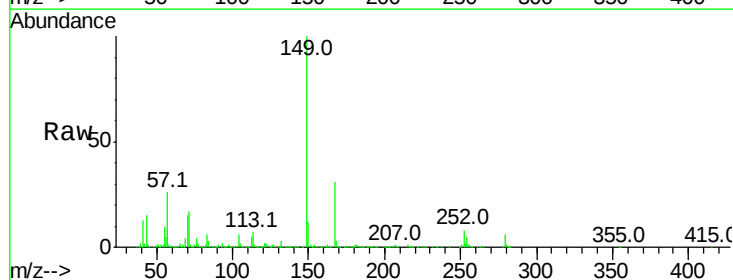
Sohil

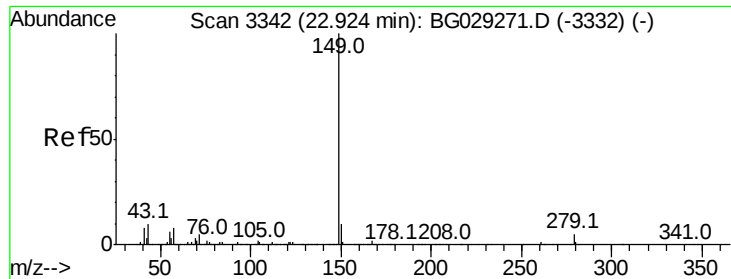
11/3/2017 1:25:00 PM



#83
Bis(2-ethylhexyl)phthalate
Concen: 30.909 ng
RT: 21.65 min Scan# 3125
Delta R.T. -0.01 min
Lab File: BG030678.D
Acq: 3 Nov 2017 1:02

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.6	24.3	36.5
279	6.0	4.0	6.0



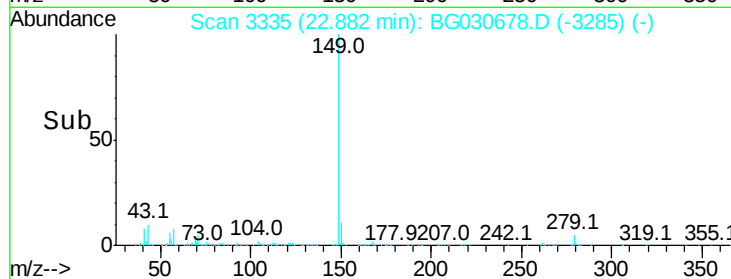
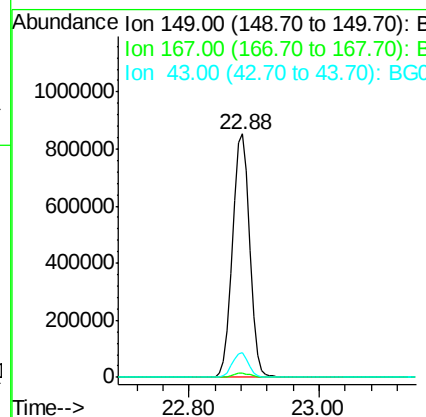
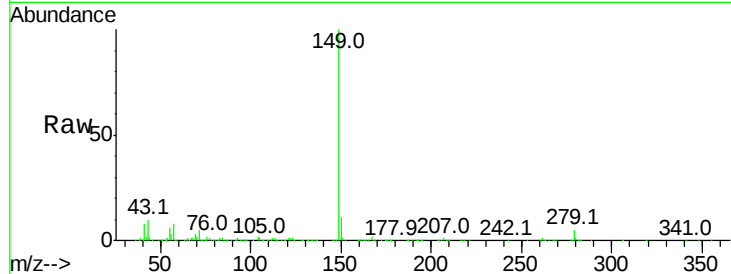


#84
Di-n-octyl phthalate
Concen: 30.304 ng
RT: 22.88 min Scan# 3335
Delta R.T. -0.01 min
Lab File: BG030678.D
Acq: 3 Nov 2017 1:02

Instrument :
BNA_G
ClientSampleId :
RLF-SD-6MSD

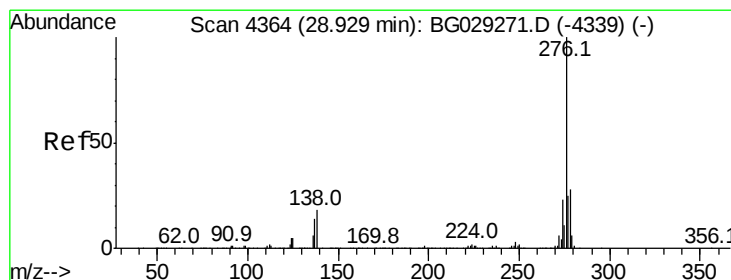
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	9.5	8.9	13.3

Manual Integrations
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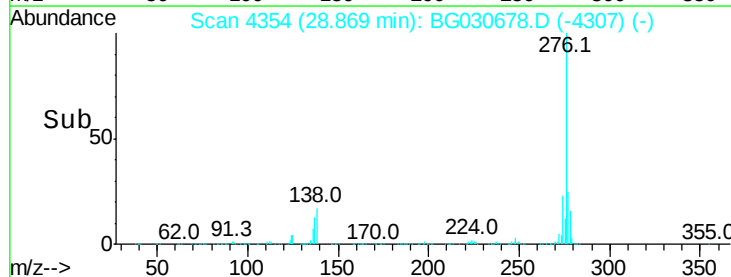
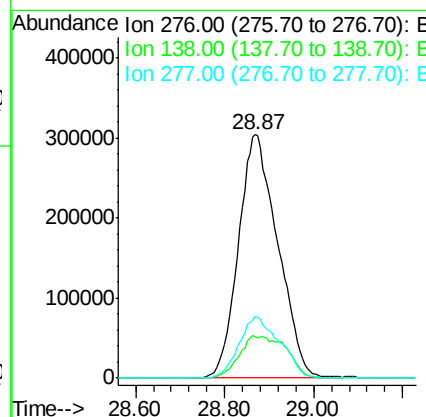
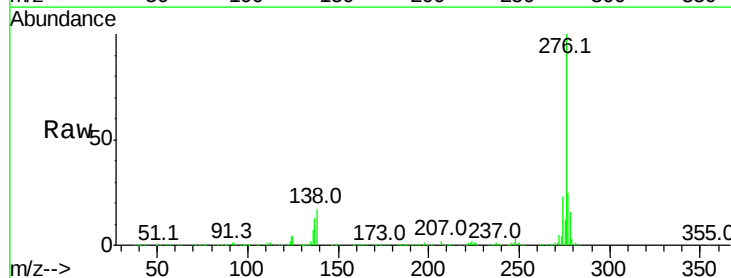
Sohil

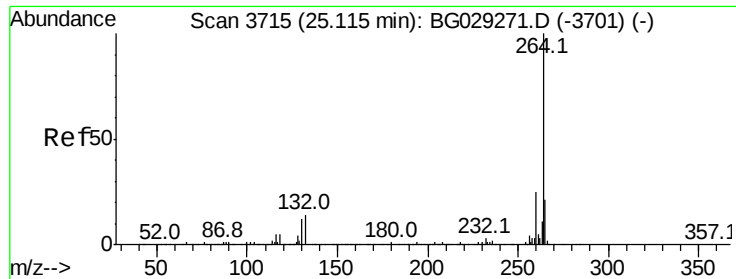
11/3/2017 1:25:00 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 33.873 ng
RT: 28.87 min Scan# 4354
Delta R.T. -0.02 min
Lab File: BG030678.D
Acq: 3 Nov 2017 1:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	8.8	16.0	24.0#
277	26.2	20.0	30.0



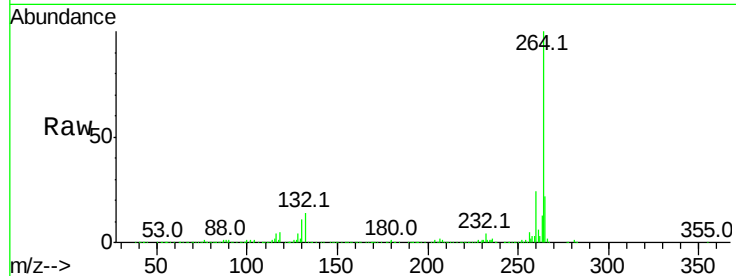


#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3709
Delta R.T. -0.02 min
Lab File: BG030678.D
Acq: 3 Nov 2017 1:02

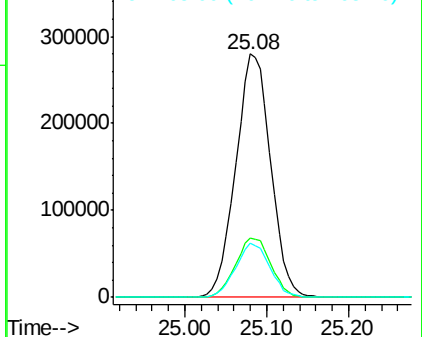
Instrument :
BNA_G
ClientSampleId :
RLF-SD-6MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.4	26.0
265	22.2	17.7	26.5

Manual Integrations
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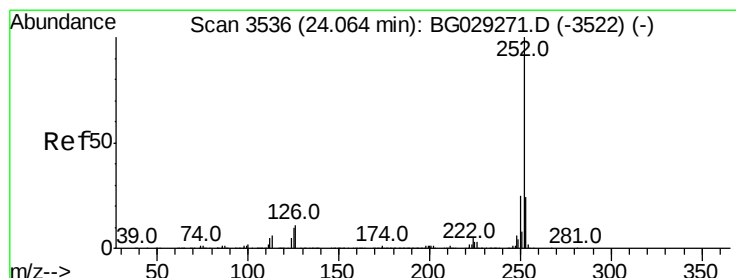


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



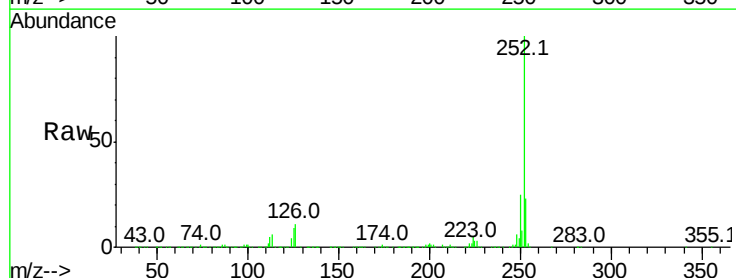
Sohil

11/3/2017 1:25:00 PM

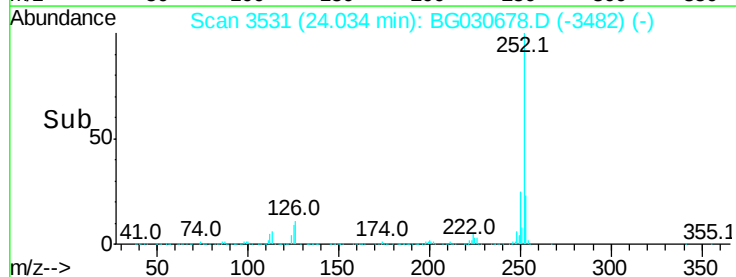
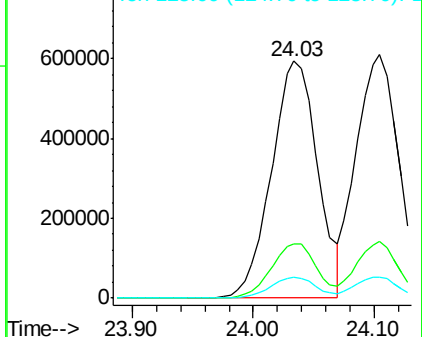


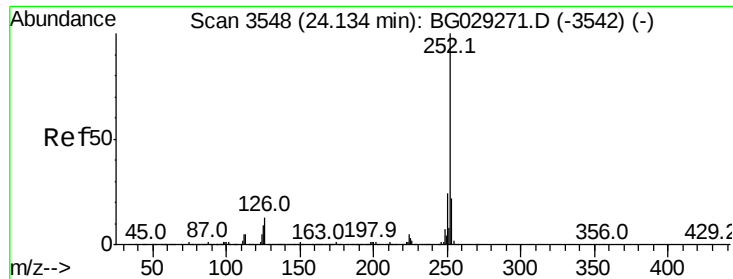
#87
Benzo(b)fluoranthene
Concen: 33.025 ng
RT: 24.03 min Scan# 3531
Delta R.T. -0.01 min
Lab File: BG030678.D
Acq: 3 Nov 2017 1:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.4
125	8.7	7.2	10.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 31.687 ng

RT: 24.10 min Scan# 3543

Delta R.T. -0.01 min

Lab File: BG030678.D

Acq: 3 Nov 2017 1:02

Instrument :

BNA_G

ClientSampleId :

RLF-SD-6MSD

Tot Ion:252 Resp: 1500772

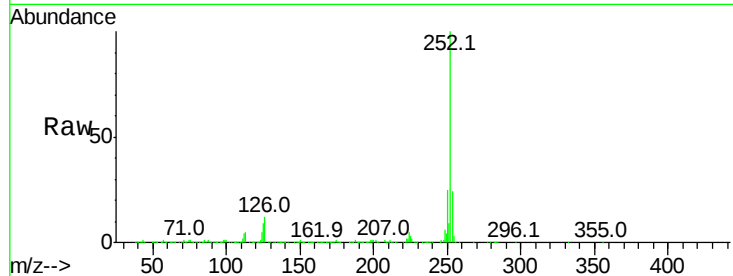
Ion Ratio Lower Upper

252 100

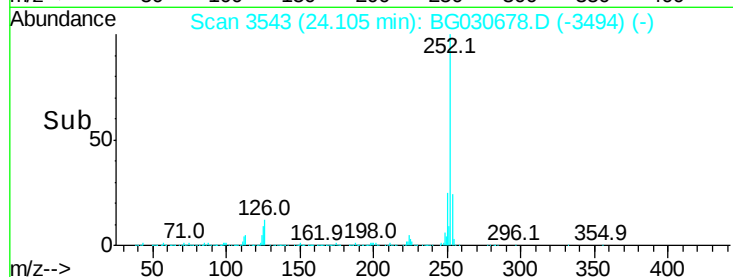
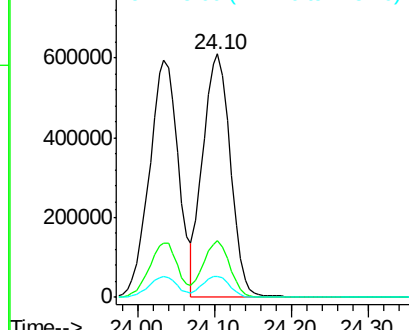
253 23.5 17.4 26.2

125 8.6 6.6 9.8

Manual Integrations
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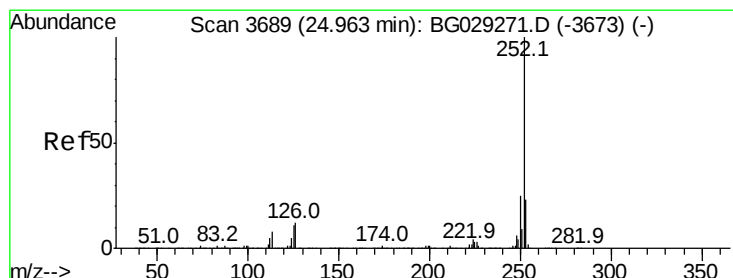


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



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11/3/2017 1:25:00 PM



#89

Benzo(a)pyrene

Concen: 33.046 ng

RT: 24.93 min Scan# 3684

Delta R.T. -0.01 min

Lab File: BG030678.D

Acq: 3 Nov 2017 1:02

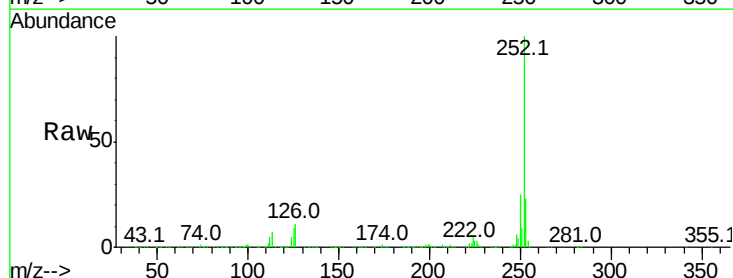
Tgt Ion:252 Resp: 1510294

Ion Ratio Lower Upper

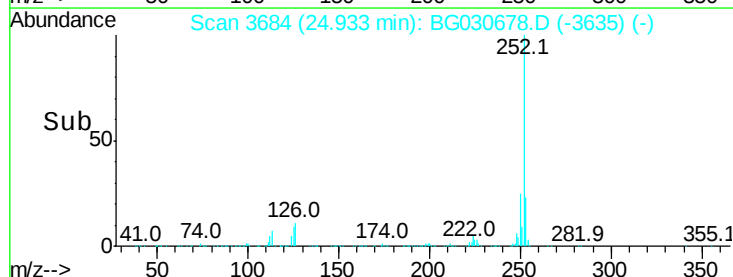
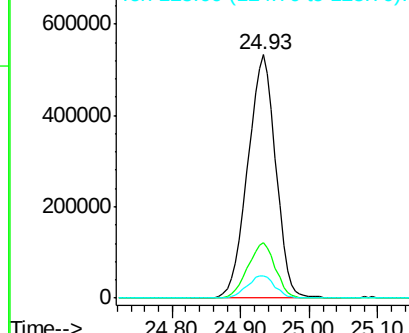
252 100

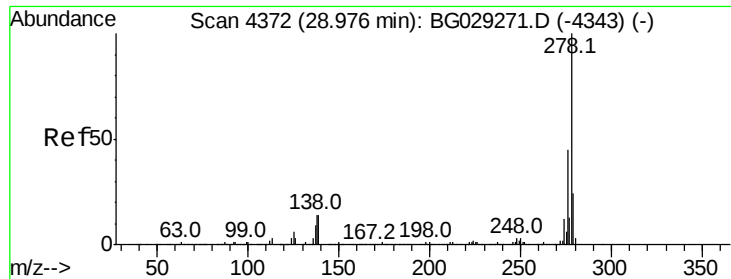
253 22.8 18.3 27.5

125 9.2 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



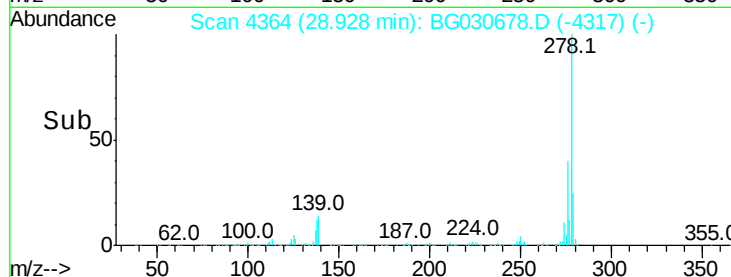
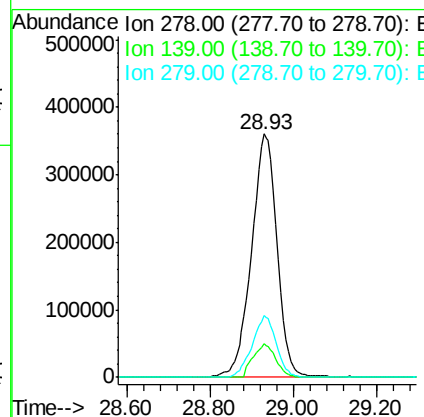
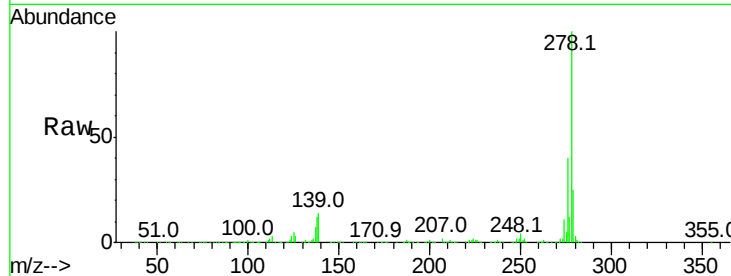


#90
Dibenzo(a,h)anthracene
Concen: 33.371 ng
RT: 28.93 min Scan# 4364
Delta R.T. -0.02 min
Lab File: BG030678.D
Acq: 3 Nov 2017 1:02

Instrument :
BNA_G
ClientSampleId :
RLF-SD-6MSD

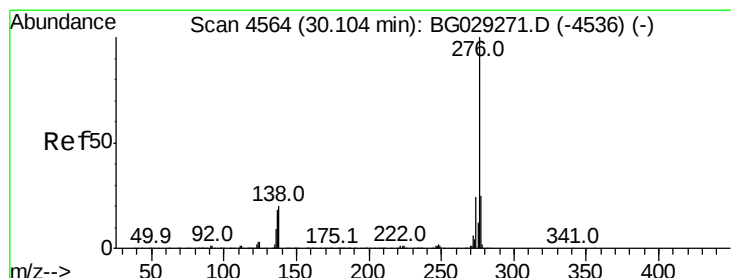
Tot Ion	Ratio	Lower	Upper
278	100		
139	13.7	9.8	14.6
279	25.4	18.4	27.6

Manual Integrations
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11/3/2017 1:25:00 PM



#91
Benzo(g,h,i)perylene
Concen: 35.715 ng
RT: 30.06 min Scan# 4557
Delta R.T. -0.02 min
Lab File: BG030678.D
Acq: 3 Nov 2017 1:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.3	27.5
138	17.0	13.9	20.9

