

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102817\
 Data File : BG030555.D
 Acq On : 29 Oct 2017 10:01
 Operator : SJ/JU
 Sample : I6153-01MS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-102517MS

Manual Integrations
 APPROVED

Quant Time: Oct 30 07:51:39 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

Internal Standards R.T. QIon Response Conc Units Dev(Min) 10/30/2017 6:26:25 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	80293	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	363290	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	229435	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	532403	20.00	ng	-0.01
75) Chrysene-d12	21.80	240	558143	20.00	ng	0.00
86) Perylene-d12	25.11	264	564673	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.73	112	655038	136.29	ng	0.01
7) Phenol-d6	7.34	99	793772	117.66	ng	0.01
23) Nitrobenzene-d5	9.34	82	569492	99.62	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	452520	152.76	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1443455	92.27	ng	0.00
78) Terphenyl-d14	20.11	244	2002168	81.61	ng	-0.01

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.58	88	74691	38.301	ng	# 50
3) Pyridine	4.02	79	193857	34.136	ng	92
4) n-Nitrosodimethylamine	3.90	42	140986	53.110	ng	# 89
6) Aniline	7.51	93	37268	4.461	ng	# 94
8) 2-Chlorophenol	7.74	128	212452	38.563	ng	92
9) Benzaldehyde	7.30	77	120451	35.496	ng	88
10) Phenol	7.37	94	286913	39.447	ng	90
11) bis(2-Chloroethyl)ether	7.58	93	212612	40.121	ng	91
12) 1,3-Dichlorobenzene	8.06	146	239398	38.705	ng	94
13) 1,4-Dichlorobenzene	8.21	146	247816	39.243	ng	95
14) 1,2-Dichlorobenzene	8.53	146	243034	39.900	ng	98
15) Benzyl Alcohol	8.42	79	218274	45.911	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.69	45	358303	39.814	ng	95
17) 2-Methylphenol	8.62	107	203143	42.044	ng	98
18) Hexachloroethane	9.26	117	92987	43.209	ng	98
19) n-Nitroso-di-n-propylamine	8.98	70	189699	41.354	ng	# 95
20) 3+4-Methylphenols	8.94	107	303208	44.537	ng	96
22) Acetophenone	8.99	105	358073	40.899	ng	# 95
24) Nitrobenzene	9.38	77	429246	66.779	ng	93
25) Isophorone	9.91	82	525281	44.013	ng	# 93
26) 2-Nitrophenol	10.09	139	140825	45.839	ng	92
27) 2,4-Dimethylphenol	10.15	122	196102	35.281	ng	92
28) bis(2-Chloroethoxy)methane	10.38	93	315709	43.140	ng	96
29) 2,4-Dichlorophenol	10.63	162	260926	44.021	ng	93
30) 1,2,4-Trichlorobenzene	10.84	180	272273	42.519	ng	98
31) Naphthalene	11.04	128	732773	40.472	ng	98
32) Benzoic acid	10.15	122	196102	42.136	ng	# 6
34) Hexachlorobutadiene	11.31	225	173377	43.547	ng	95
35) Caprolactam	11.93	113	67696m	34.365	ng	
36) 4-Chloro-3-methylphenol	12.25	107	271941	41.715	ng	88
37) 2-Methylnaphthalene	12.63	142	570733	43.251	ng	93
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	315976	37.721	ng	97
40) Hexachlorocyclopentadiene	12.97	237	400002	123.371	ng	94
42) 2,4,6-Trichlorophenol	13.23	196	230473	43.829	ng	99

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Shim

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	10/30/2017 6:26:25 PM
43) 2,4,5-Trichlorophenol	13.30	196	249163	46.138	nq		97
45) 1,1'-Biphenyl	13.62	154	792092	40.165	nq		96
46) 2-Chloronaphthalene	13.67	162	588372	40.903	nq		97
47) 2-Nitroaniline	13.86	65	71827	18.179	nq	#	84
48) Acenaphthylene	14.51	152	907359	40.305	nq		98
49) Dimethylphthalate	14.23	163	792464	44.269	nq		98
50) 2,6-Dinitrotoluene	14.35	165	172181	45.883	nq	#	82
51) Acenaphthene	14.85	154	567309	38.731	nq		98
52) 3-Nitroaniline	14.69	138	31403	7.755	nq	#	77
53) 2,4-Dinitrophenol	14.89	184	210205	99.922	nq	#	53
54) Dibenzofuran	15.18	168	908922	43.468	nq		98
55) 4-Nitrophenol	14.99	139	257108	77.015	nq	#	82
56) 2,4-Dinitrotoluene	15.14	165	245563	48.340	nq	#	77
57) Fluorene	15.83	166	719295	41.641	nq		98
58) 2,3,4,6-Tetrachlorophenol	15.40	232	231989	51.489	nq		93
59) Diethylphthalate	15.59	149	767410	43.016	nq		97
60) 4-Chlorophenyl-phenylether	15.81	204	413687	44.918	nq		95
61) 4-Nitroaniline	15.83	138	32648	7.852	nq	#	67
62) Azobenzene	16.11	77	697307	46.351	nq		95
64) 4,6-Dinitro-2-methylphenol	15.90	198	132977	44.346	nq		82
65) n-Nitrosodiphenylamine	16.03	169	617819	38.738	nq		99
66) 4-Bromophenyl-phenylether	16.71	248	269420	44.101	nq		98
67) Hexachlorobenzene	16.83	284	285704	41.286	nq		94
68) Atrazine	16.97	200	213970	37.600	nq		98
69) Pentachlorophenol	17.17	266	345549	86.925	nq		97
70) Phenanthrene	17.57	178	1149688	41.800	nq		97
71) Anthracene	17.65	178	1121651	40.614	nq		98
72) Carbazole	17.92	167	1061411	40.008	nq		97
73) Di-n-butylphthalate	18.46	149	1255616	41.151	nq		99
74) Fluoranthene	19.56	202	1372390	42.661	nq		97
76) Benzidine	19.75	184	38291	2.272	nq	#	88
77) Pyrene	19.92	202	1401602	41.396	nq		95
79) Butylbenzylphthalate	20.79	149	602827	41.791	nq		86
80) Benzo(a)anthracene	21.78	228	1405102	42.878	nq		98
82) Chrysene	21.84	228	1341218	42.737	nq		98
83) Bis(2-ethylhexyl)phthalate	21.66	149	848585	40.991	nq		100
84) Di-n-octyl phthalate	22.90	149	1431351	39.672	nq		96
85) Indeno(1,2,3-cd)pyrene	28.91	276	1712587	44.357	nq		98
87) Benzo(b)fluoranthene	24.05	252	1453453	44.960	nq		99
88) Benzo(k)fluoranthene	24.12	252	1399314	43.448	nq		97
89) Benzo(a)pyrene	24.95	252	1331361	42.839	nq		100
90) Dibenzo(a,h)anthracene	28.96	278	1420079	45.134	nq		97
91) Benzo(g,h,i)perylene	30.09	276	1422143	48.646	nq		98

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

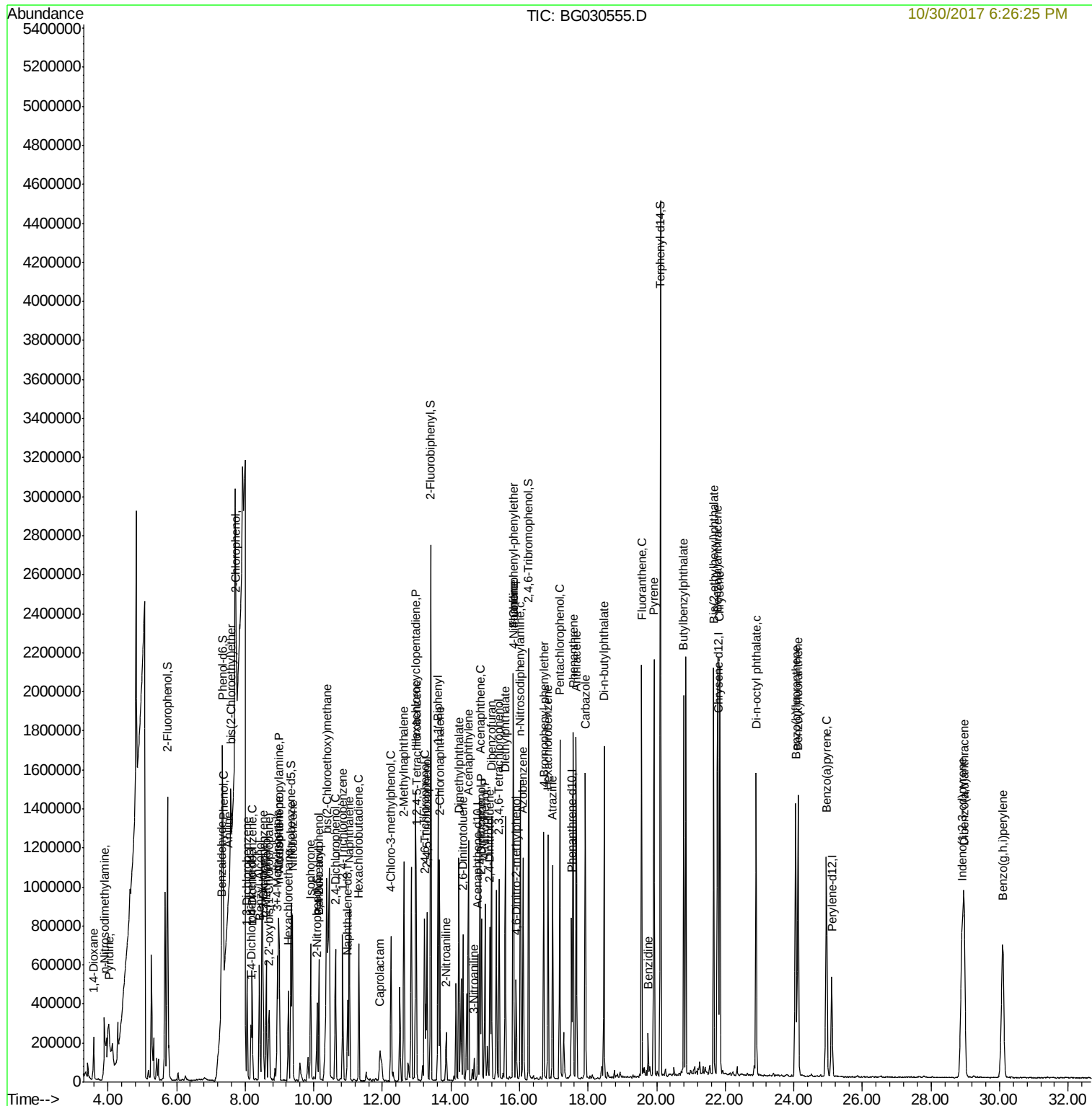
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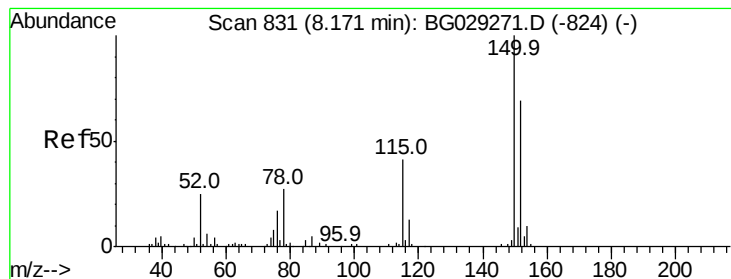
Instrument :
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ClientSampleID :
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S0111





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.17 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BG030555.D
 Acq: 29 Oct 2017 10:01

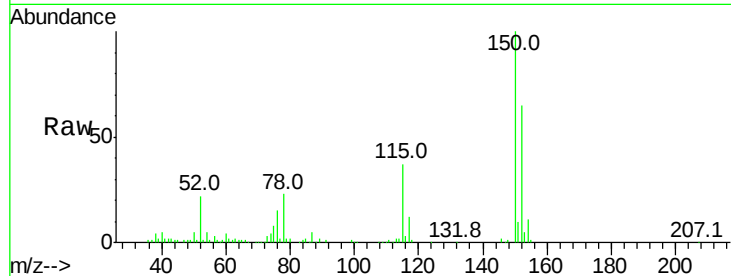
Instrument :
 BNA_G
 ClientSampleId :
 WC-102517MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	126.6	189.8
115	56.5	53.0	79.4

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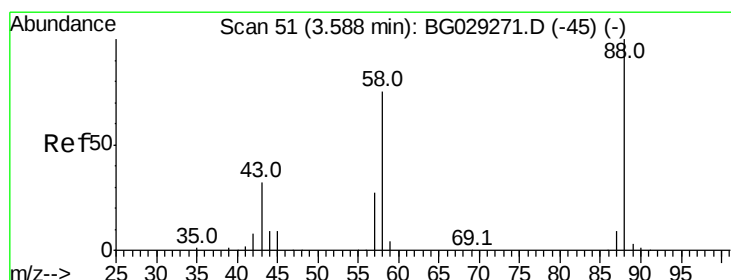
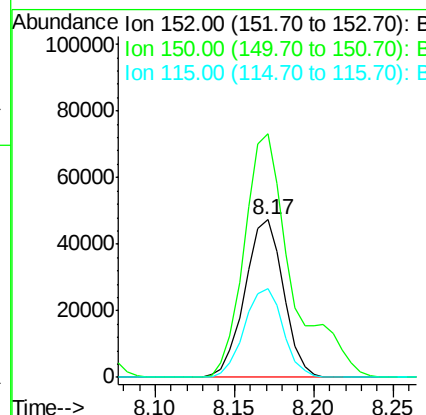
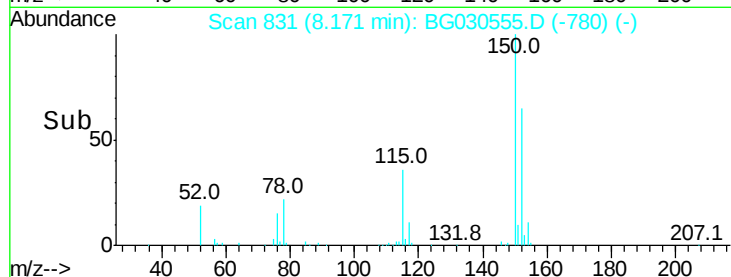


Abundance

Ion 152.00 (151.70 to 152.70): E

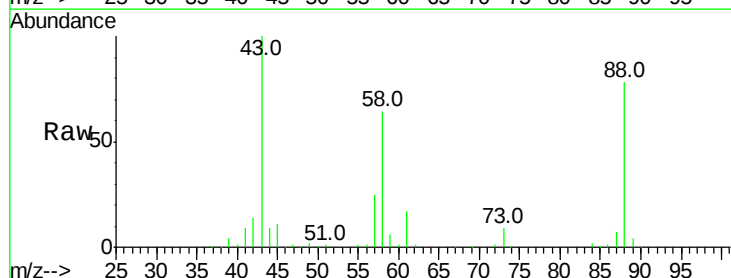
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 38.301 ng
 RT: 3.58 min Scan# 50
 Delta R.T. -0.01 min
 Lab File: BG030555.D
 Acq: 29 Oct 2017 10:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.0	79.6	119.4
43	118.8	27.4	41.0

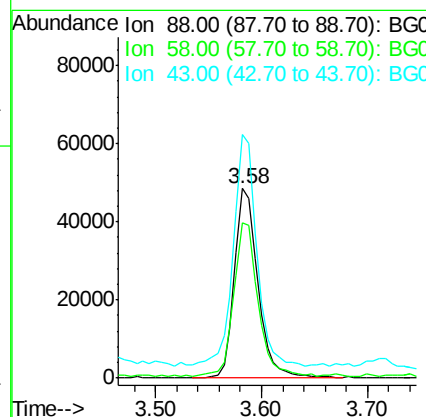
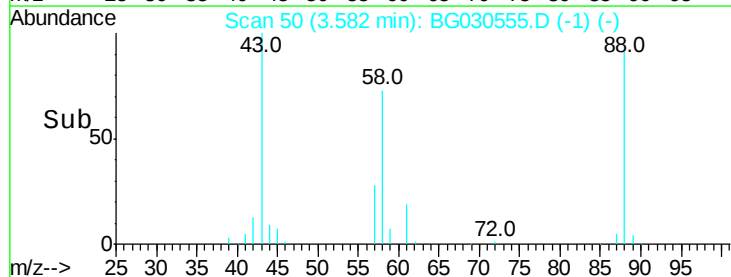


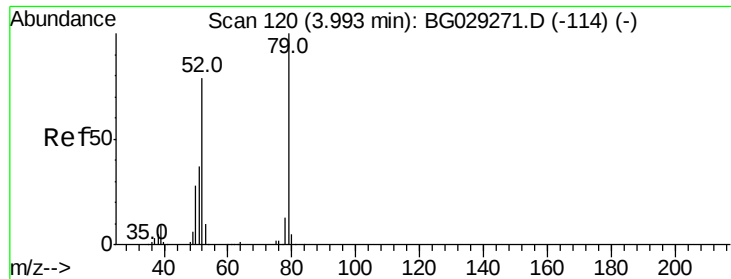
Abundance

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: 34.136 ng

RT: 4.02 min Scan# 125

Delta R.T. 0.03 min

Lab File: BG030555.D

Acq: 29 Oct 2017 10:01

Instrument :

BNA_G

ClientSampleId :

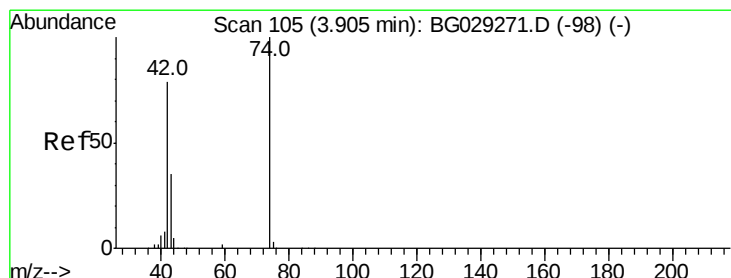
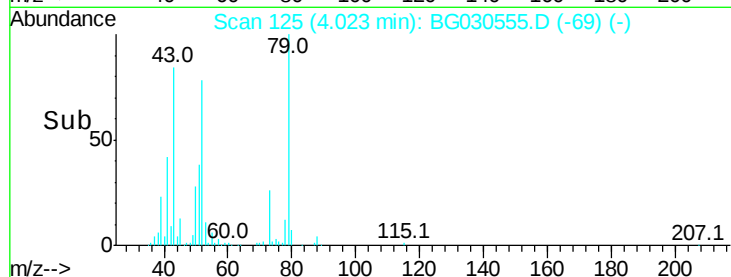
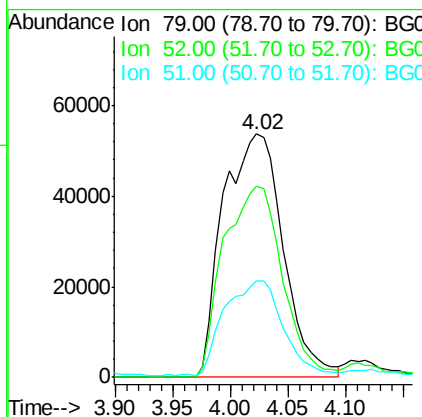
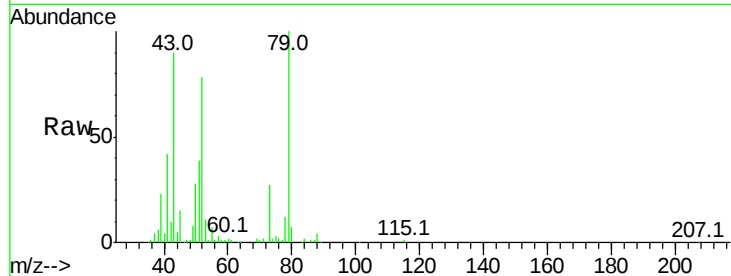
WC-102517MS

Tot Ion:	79	Resp:	193857
Ion Ratio	Lower	Upper	
79	100		
52	78.3	69.9	104.9
51	39.4	34.0	51.0

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#4

n-Nitrosodimethylamine

Concen: 53.110 ng

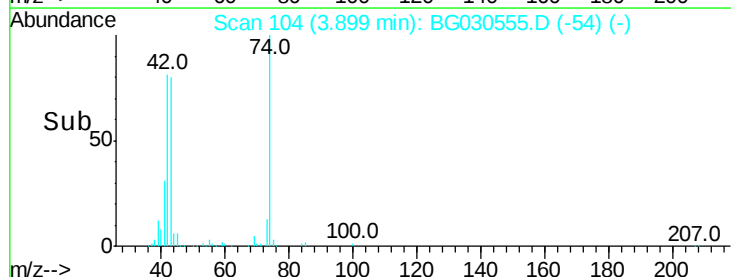
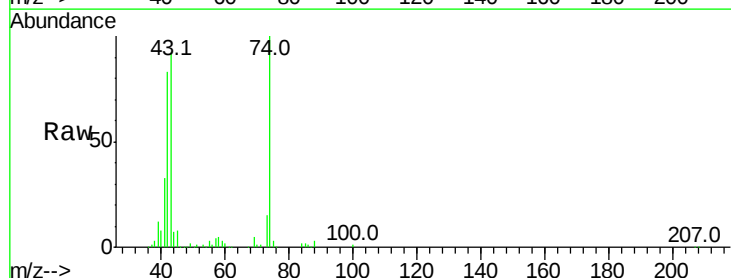
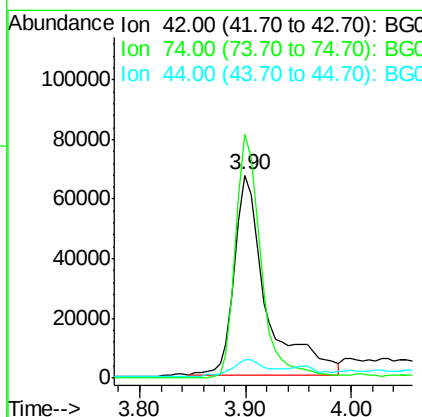
RT: 3.90 min Scan# 104

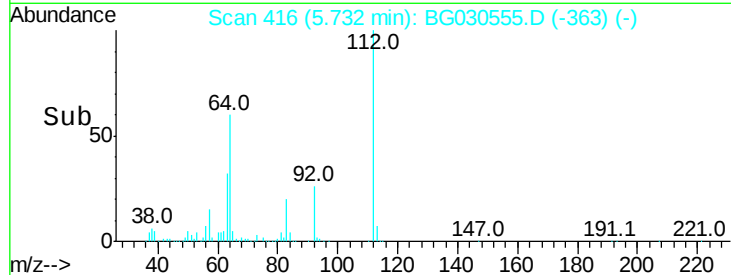
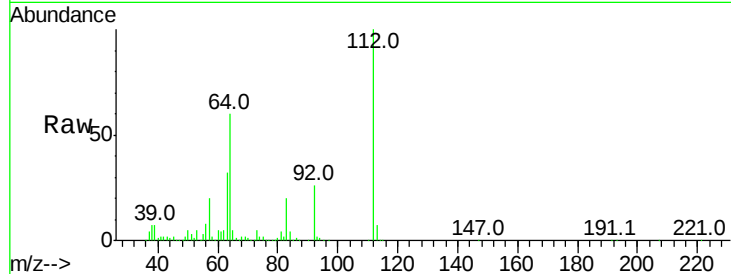
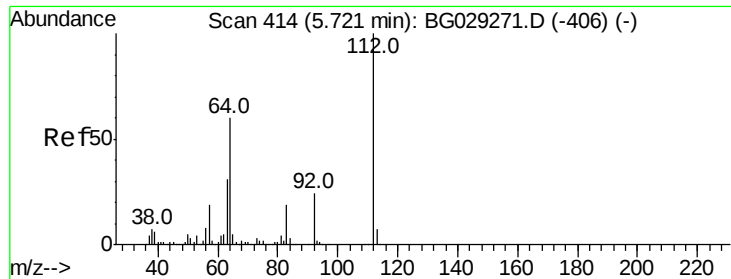
Delta R.T. -0.01 min

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Tgt Ion:	42	Resp:	140986
Ion Ratio	Lower	Upper	
42	100		
74	119.8	102.5	153.7
44	8.9	18.9	28.3#





#5

2-Fluorophenol

Concen: 136.285 ng

RT: 5.73 min Scan# 416

Delta R.T. 0.01 min

Lab File: BG030555.D

Acq: 29 Oct 2017 10:01

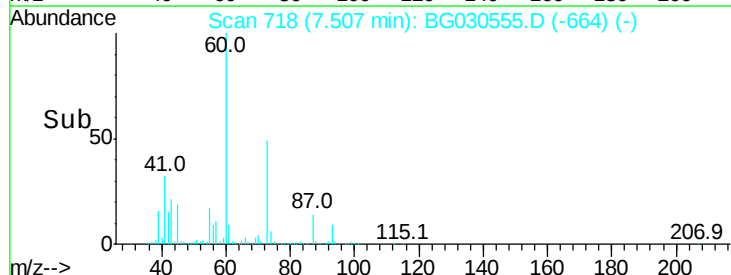
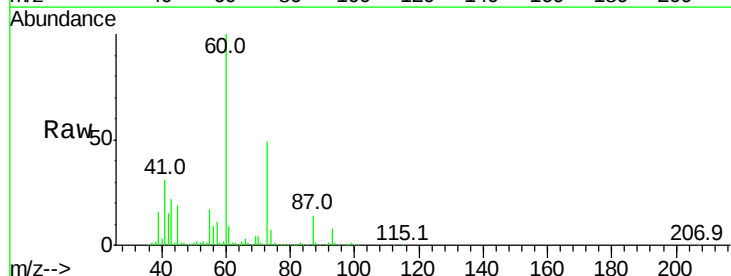
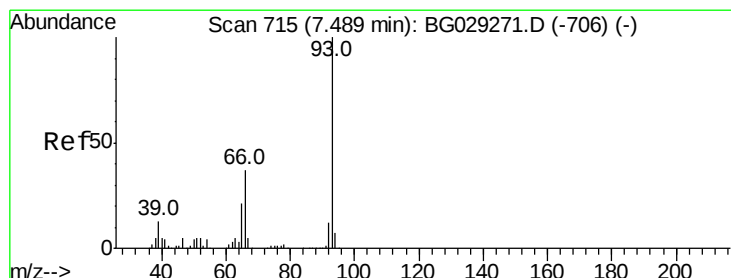
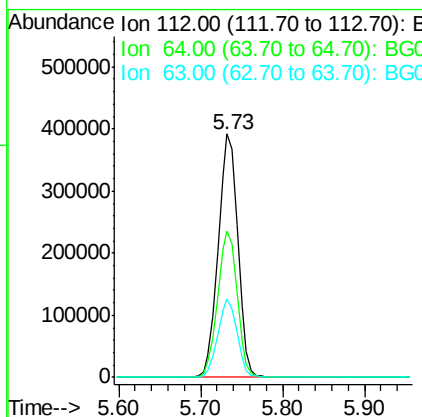
Tot Ion:	112	Resp:	655038
Ion Ratio	Lower	Upper	
112	100		
64	60.0	56.3	84.5
63	32.3	30.1	45.1

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#6

Aniline

Concen: 4.461 ng

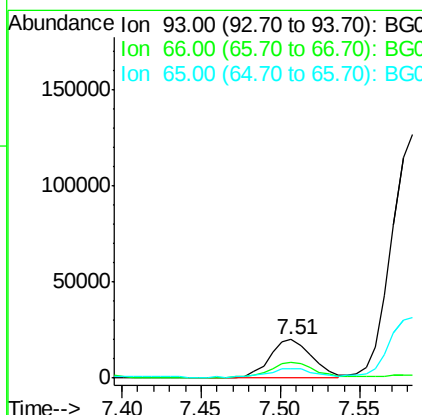
RT: 7.51 min Scan# 718

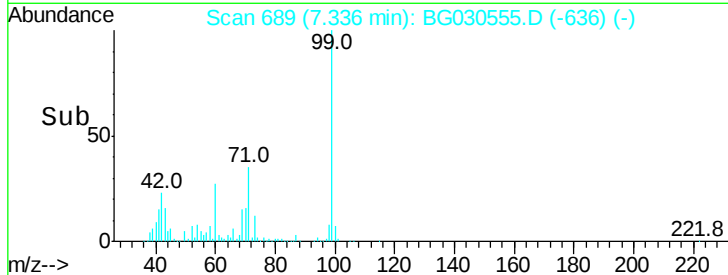
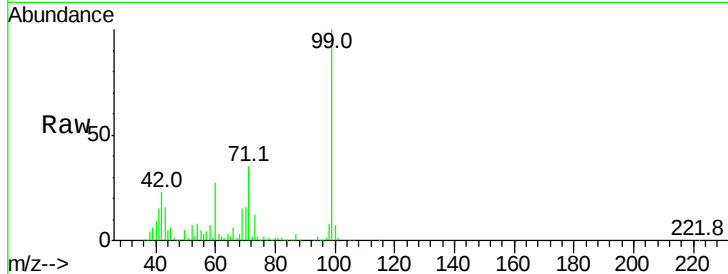
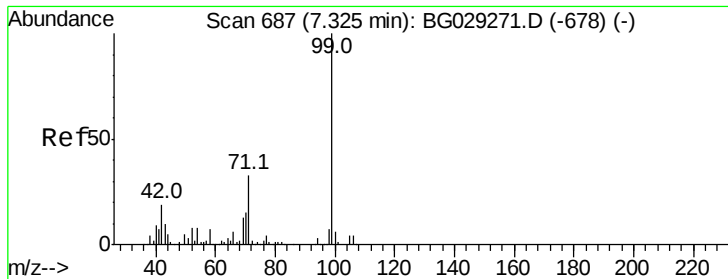
Delta R.T. 0.02 min

Lab File: BG030555.D

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Tgt Ion:	93	Resp:	37268
Ion Ratio	Lower	Upper	
93	100		
66	39.4	33.7	50.5
65	24.2	16.1	24.1#





#7

Phenol-d6

Concen: 117.657 ng

RT: 7.34 min Scan# 689

Delta R.T. 0.01 min

Lab File: BG030555.D

Acq: 29 Oct 2017 10:01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		793772		
42	23.4	14.1	21.1#		
71	35.3	26.1	39.1		

Instrument :

BNA_G

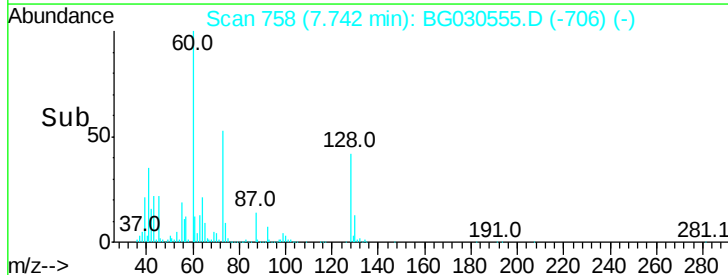
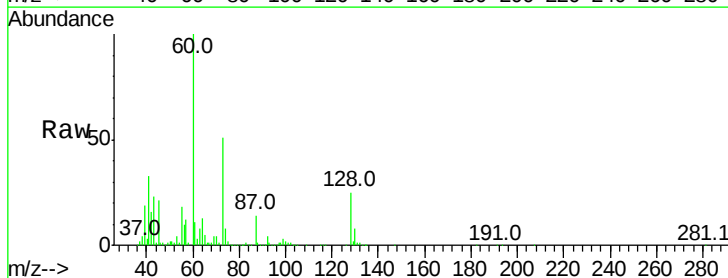
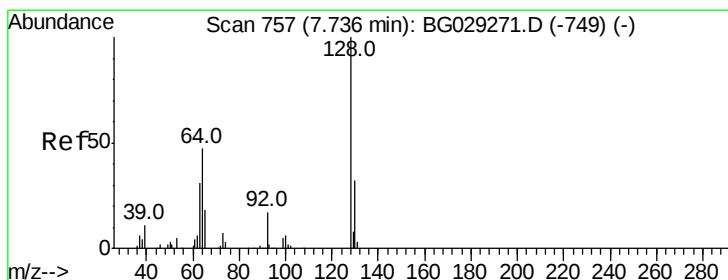
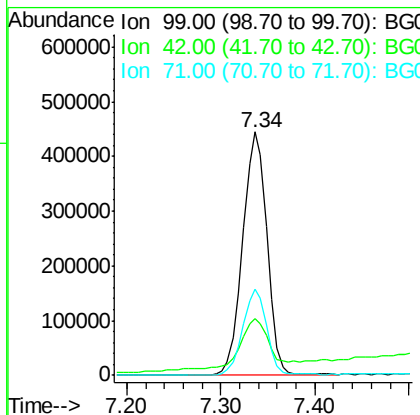
ClientSampleId :

WC-102517MS

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#8

2-Chlorophenol

Concen: 38.563 ng

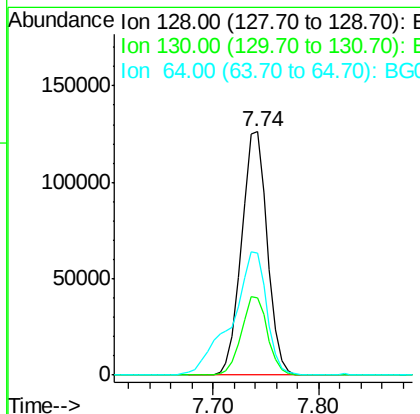
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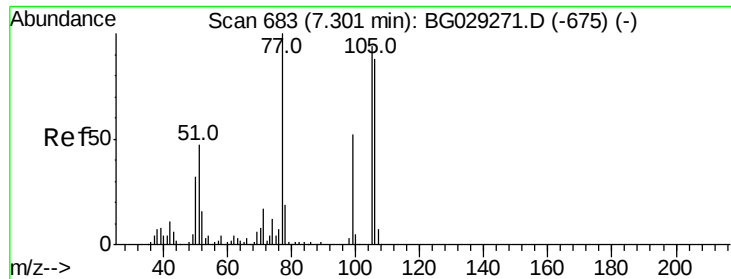
Delta R.T. 0.01 min

Lab File: BG030555.D

Acq: 29 Oct 2017 10:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		212452		
130	31.6	14.0	54.0		
64	50.0	37.7	77.7		





#9

Benzaldehyde

Concen: 35.496 ng

RT: 7.30 min Scan# 683

Delta R.T. 0.00 min

Lab File: BG030555.D

Acq: 29 Oct 2017 10:01

Instrument :

BNA_G

ClientSampleId :

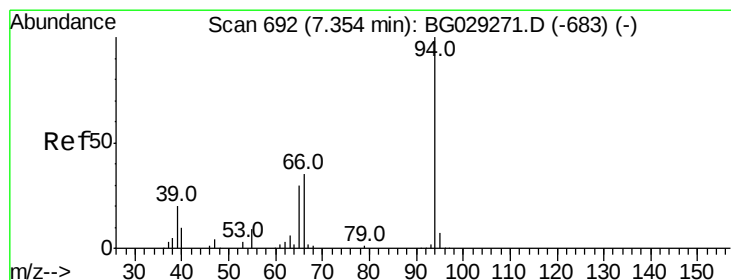
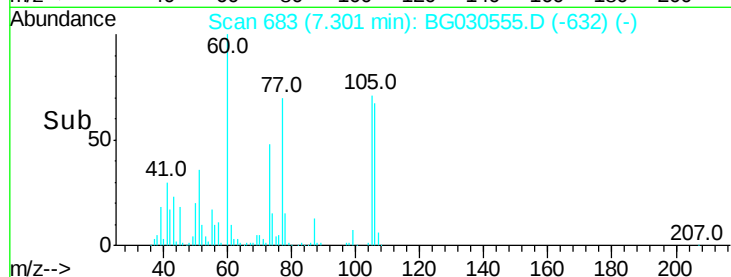
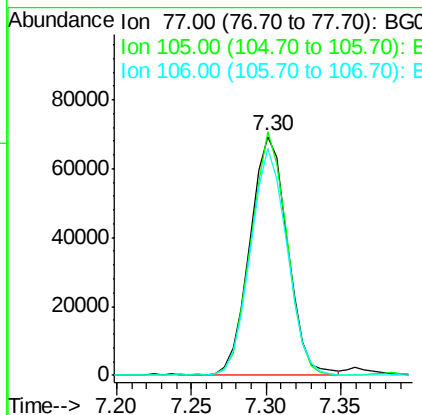
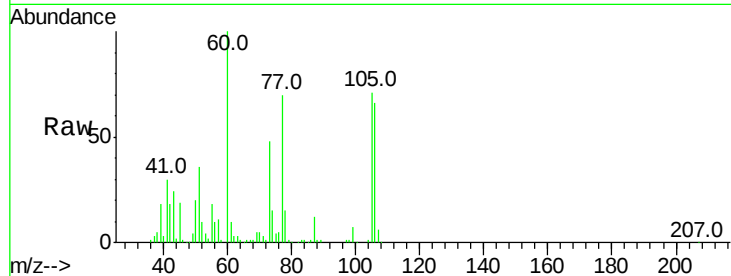
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Tot Ion:	77	Resp:	120451
Ion	Ratio	Lower	Upper
77	100		
105	101.9	71.3	111.3
106	95.2	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 39.447 ng

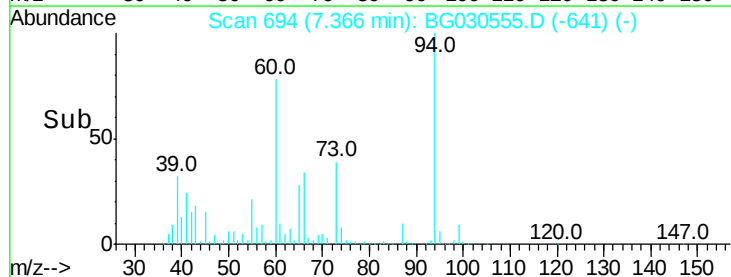
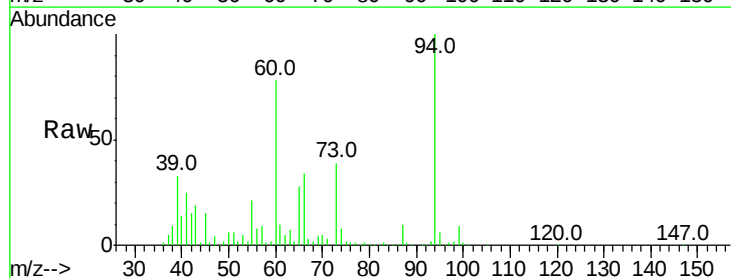
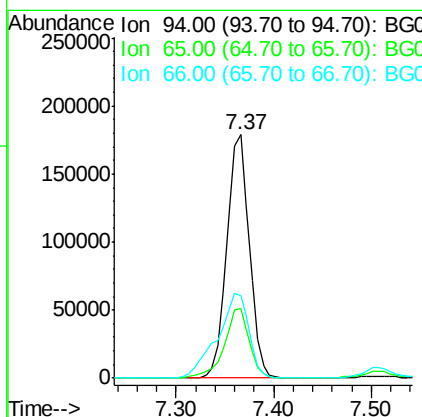
RT: 7.37 min Scan# 694

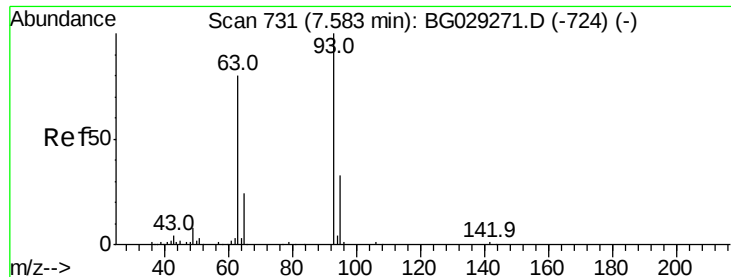
Delta R.T. 0.01 min

Lab File: BG030555.D

Acq: 29 Oct 2017 10:01

Tgt Ion:	94	Resp:	286913
Ion	Ratio	Lower	Upper
94	100		
65	28.4	11.9	51.9
66	34.0	22.2	62.2





#11
bis(2-Chloroethyl)ether
Concen: 40.121 ng
RT: 7.58 min Scan# 731
Delta R.T. 0.00 min
Lab File: BG030555.D
Acq: 29 Oct 2017 10:01

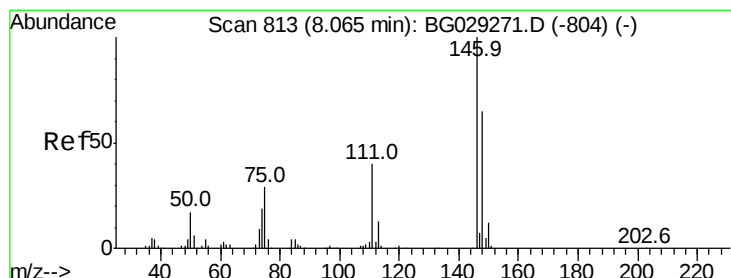
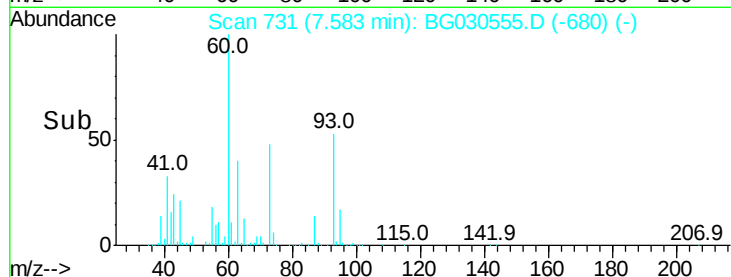
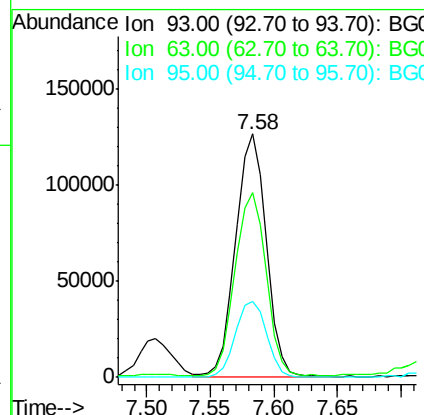
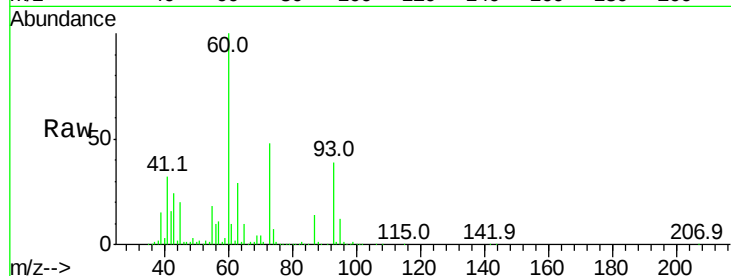
Instrument :
BNA_G
ClientSampleId :
WC-102517MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	212612		
63	76.1		67.1	107.1
95	31.3		11.5	51.5

Manual Integrations
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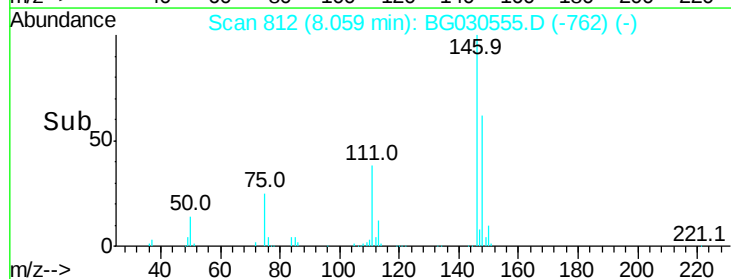
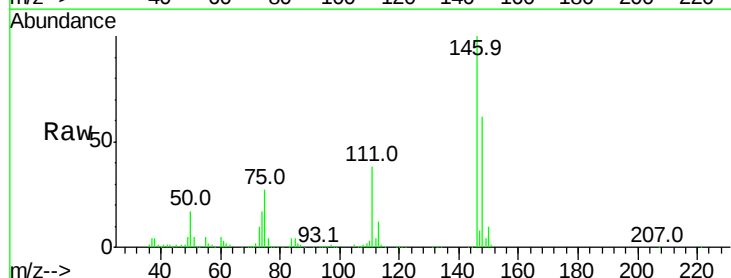
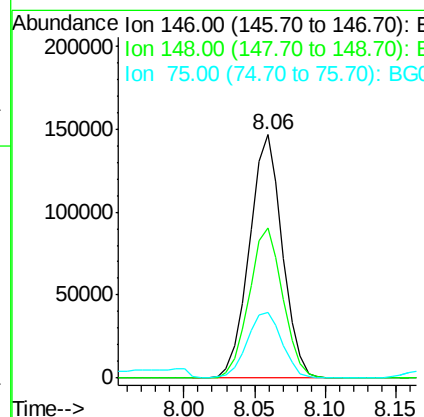
Sonni

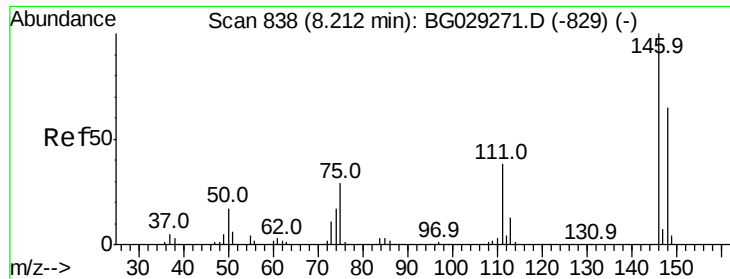
10/30/2017 6:26:25 PM



#12
1,3-Dichlorobenzene
Concen: 38.705 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.01 min
Lab File: BG030555.D
Acq: 29 Oct 2017 10:01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	239398		
148	61.6		51.4	77.2
75	27.1		26.6	39.8





#13
 1,4-Dichlorobenzene
 Concen: 39.243 ng
 RT: 8.21 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BG030555.D
 Acq: 29 Oct 2017 10:01

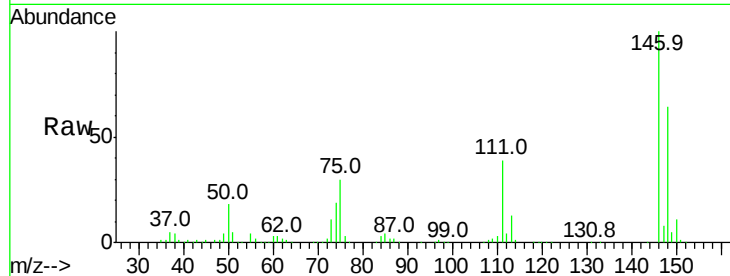
Instrument :
 BNA_G
 ClientSampleId :
 WC-102517MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	53.7	80.5
111	39.0	35.2	52.8

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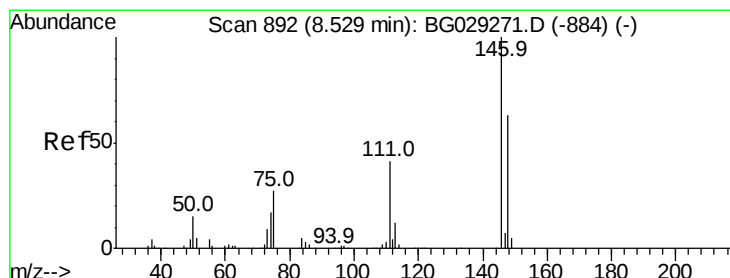
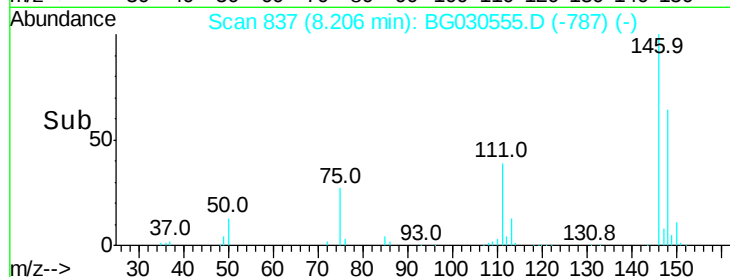
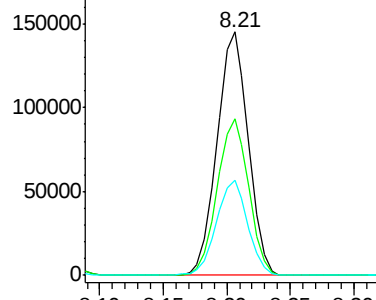


Abundance

Ion 146.00 (145.70 to 146.70): E

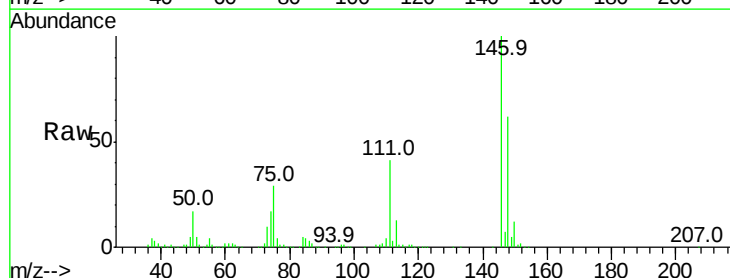
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 39.900 ng
 RT: 8.53 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: BG030555.D
 Acq: 29 Oct 2017 10:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	49.3	73.9
111	41.5	34.3	51.5

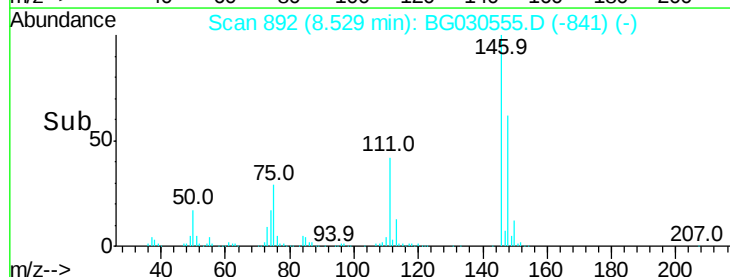
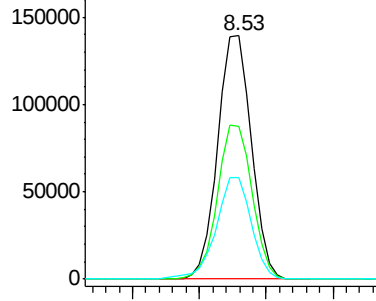


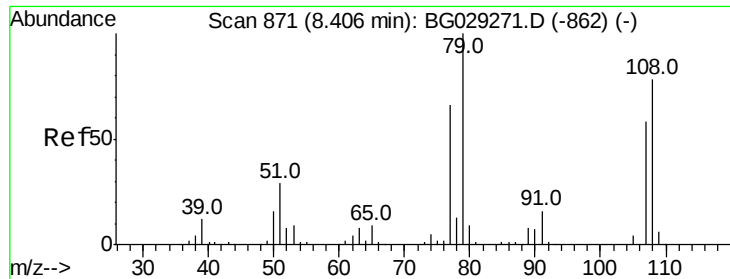
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.911 ng

RT: 8.42 min Scan# 873

Delta R.T. 0.01 min

Lab File: BG030555.D

Acq: 29 Oct 2017 10:01

Instrument :

BNA_G

ClientSampleId :

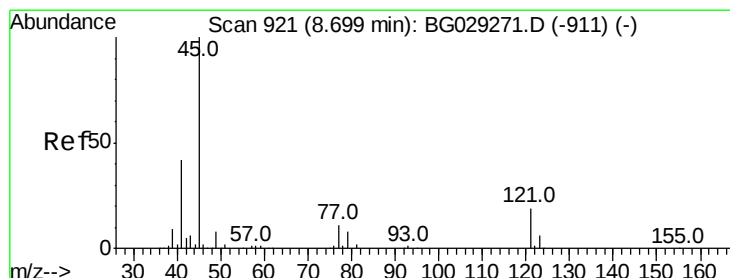
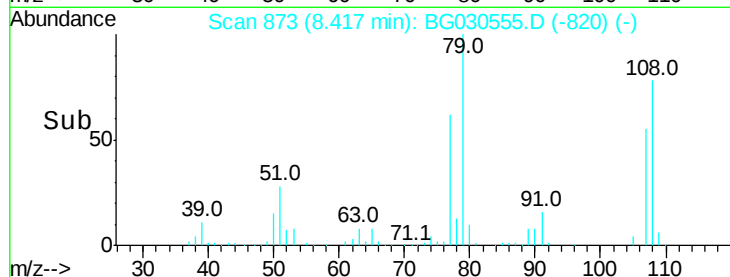
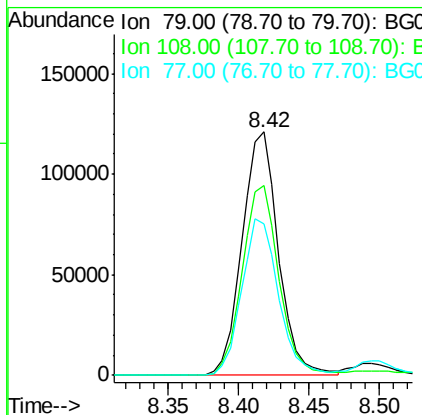
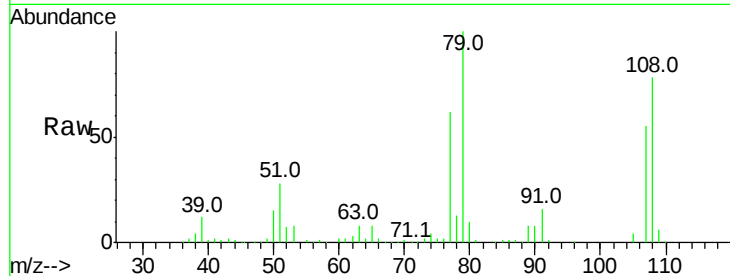
WC-102517MS

Tot Ion	79	Resp	218274
Ion Ratio	Lower	Upper	
79	100		
108	78.1	57.2	85.8
77	62.3	46.1	69.1

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.814 ng

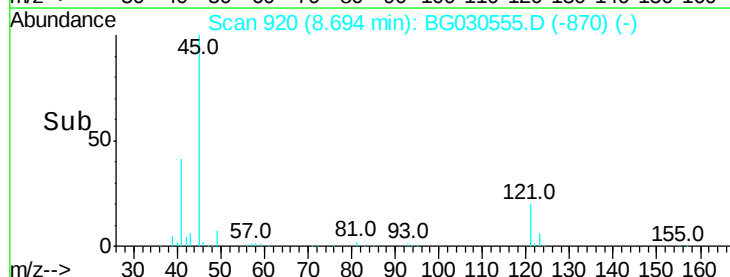
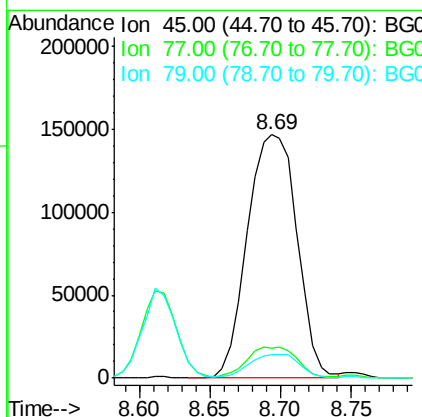
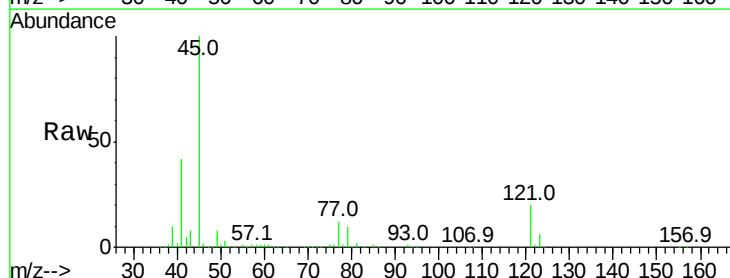
RT: 8.69 min Scan# 920

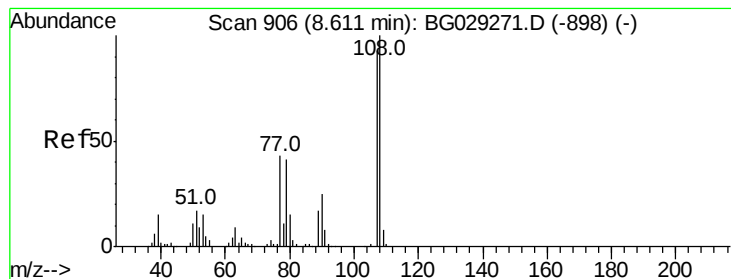
Delta R.T. -0.01 min

Lab File: BG030555.D

Acq: 29 Oct 2017 10:01

Tgt Ion	45	Resp	358303
Ion Ratio	Lower	Upper	
45	100		
77	12.4	0.0	30.2
79	9.6	0.0	27.9





#17
2-Methylphenol
Concen: 42.044 ng
RT: 8.62 min Scan# 907
Delta R.T. 0.01 min
Lab File: BG030555.D
Acq: 29 Oct 2017 10:01

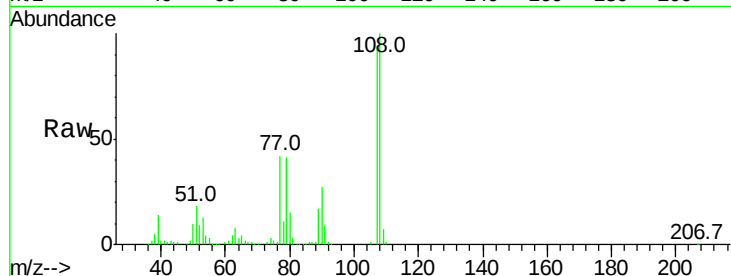
Instrument :
BNA_G
ClientSampleId :
WC-102517MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	106.0	83.9	125.9	
77	44.3	37.2	55.8	
79	43.0	36.2	54.2	

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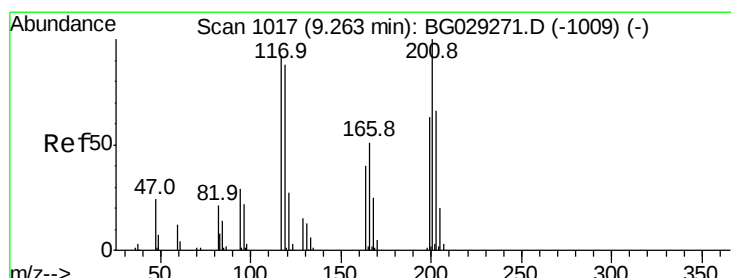
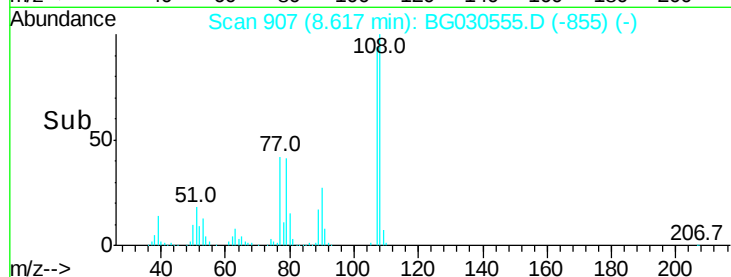
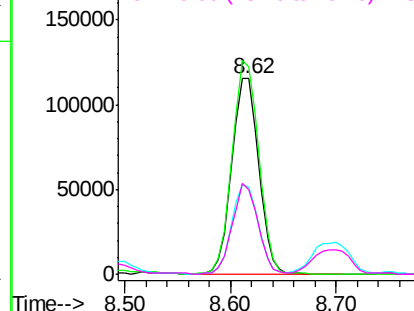
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 43.209 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BG030555.D
Acq: 29 Oct 2017 10:01

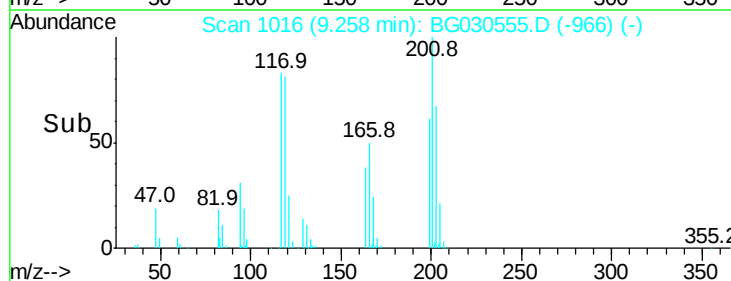
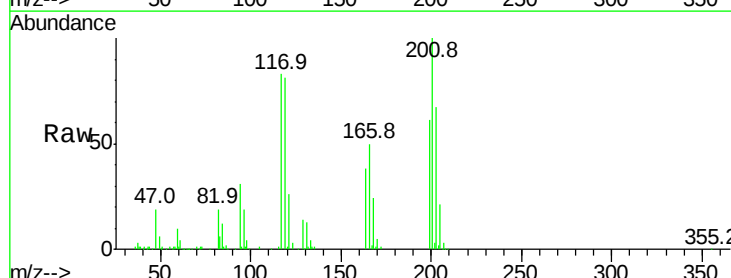
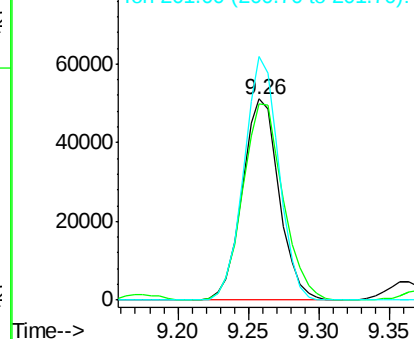
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.7	76.7	115.1	
201	121.1	95.7	143.5	

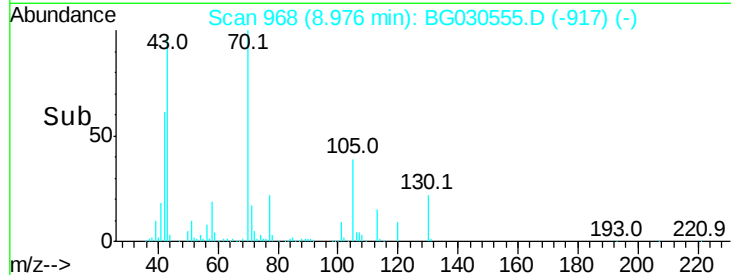
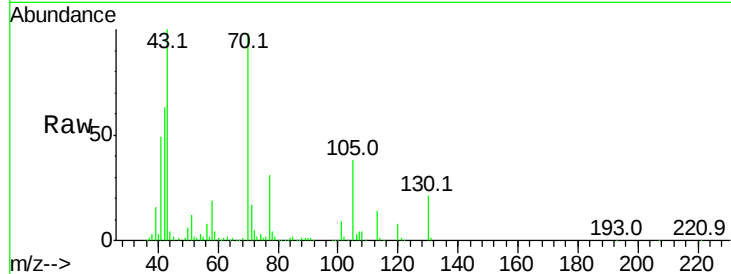
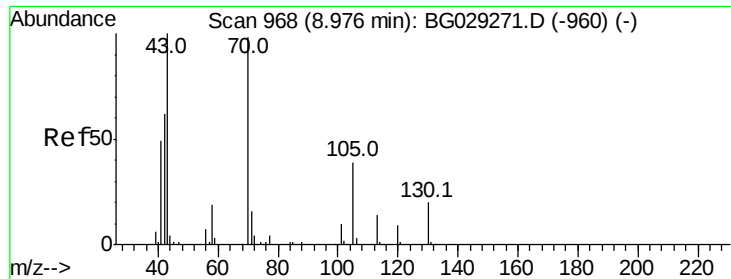
Abundance

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: 41.354 ng
RT: 8.98 min Scan# 968
Delta R.T. 0.00 min
Lab File: BG030555.D
Acq: 29 Oct 2017 10:01

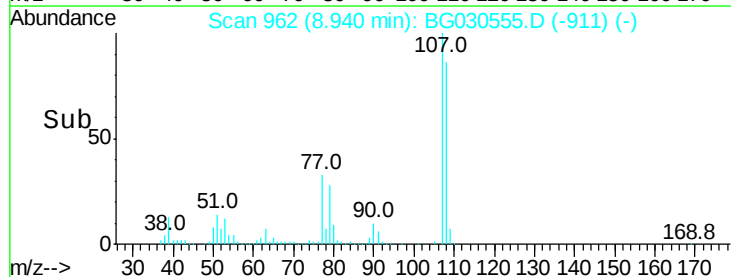
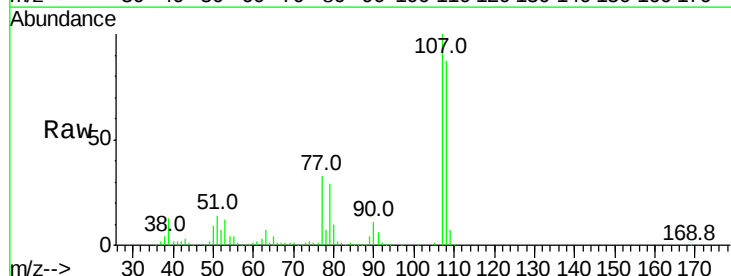
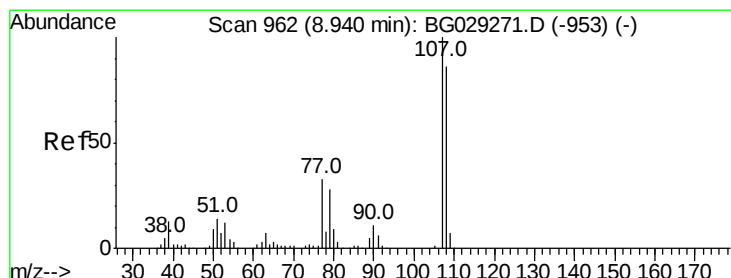
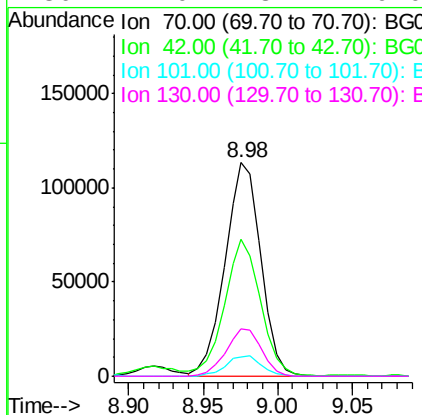
Tot Ion	Ratio	Lower	Upper
70	100		
42	64.3	49.1	73.7
101	9.3	8.5	12.7
130	22.0	13.4	20.0

Instrument :
BNA_G
ClientSampleId :
WC-102517MS

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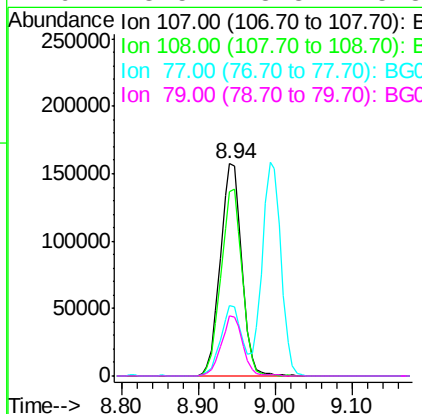
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#20
3+4-Methylphenols
Concen: 44.537 ng
RT: 8.94 min Scan# 962
Delta R.T. 0.00 min
Lab File: BG030555.D
Acq: 29 Oct 2017 10:01

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.1	61.6	101.6
77	33.3	13.9	53.9
79	28.5	8.8	48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.99 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BG030555.D

Acq: 29 Oct 2017 10:01

Instrument :

BNA_G

ClientSampleId :

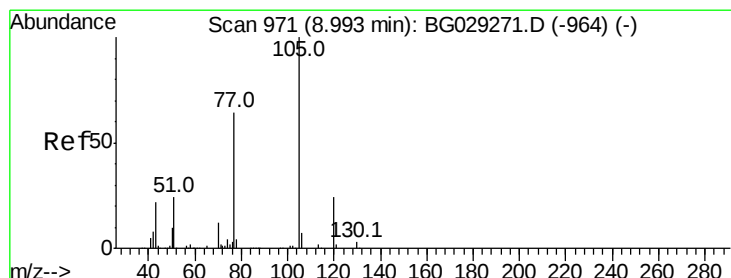
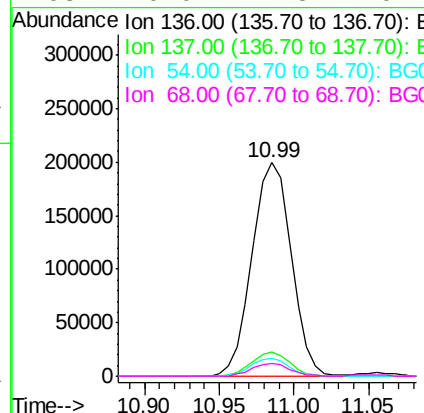
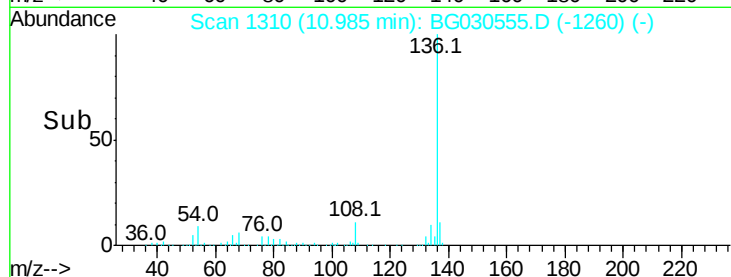
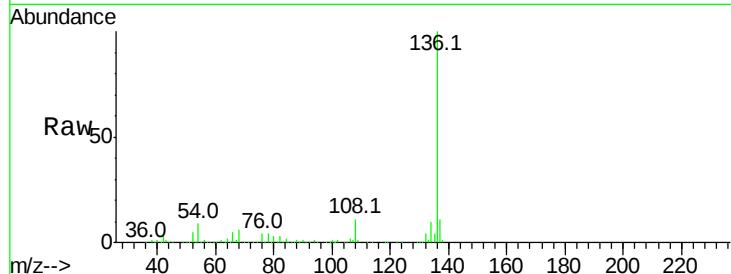
WC-102517MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	9.2	13.8	
54	8.7	10.3	15.5	
68	6.0	4.5	6.7	

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#22

Acetophenone

Concen: 40.899 ng

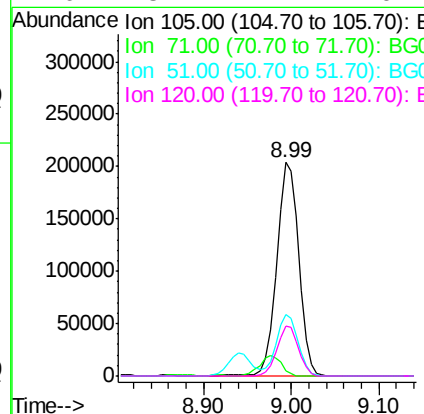
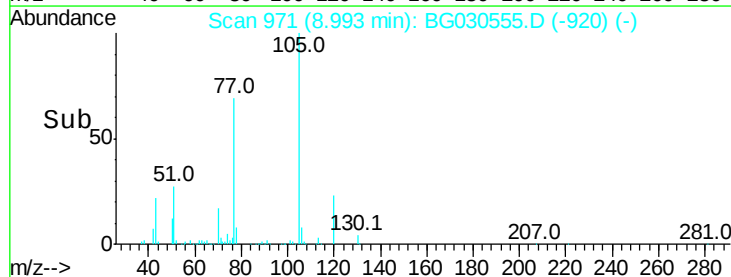
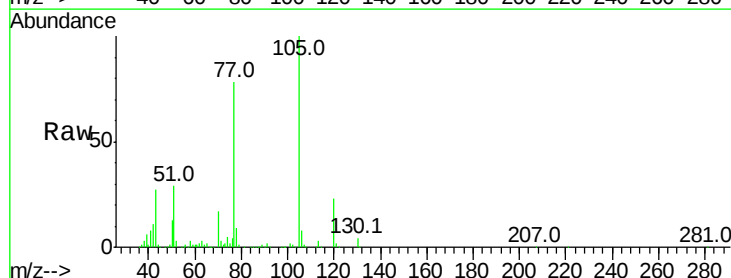
RT: 8.99 min Scan# 971

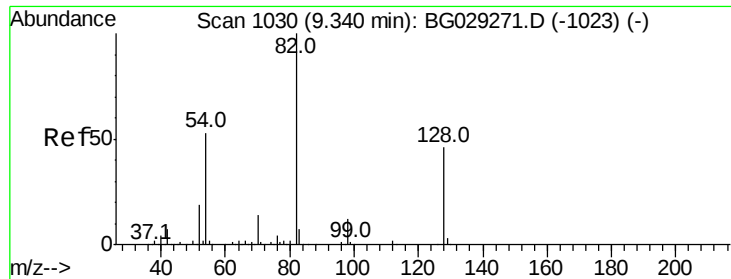
Delta R.T. 0.00 min

Lab File: BG030555.D

Acq: 29 Oct 2017 10:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.7	3.0	4.4	
51	28.9	26.1	39.1	
120	23.4	17.4	26.2	





#23
Nitrobenzene-d5
Concen: 99.616 ng
RT: 9.34 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BG030555.D
Acq: 29 Oct 2017 10:01

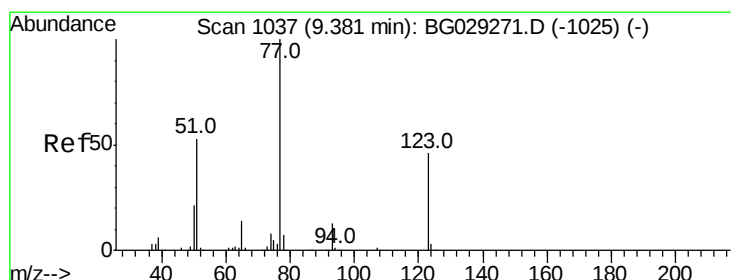
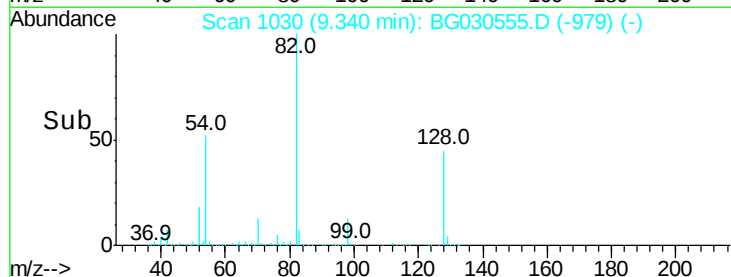
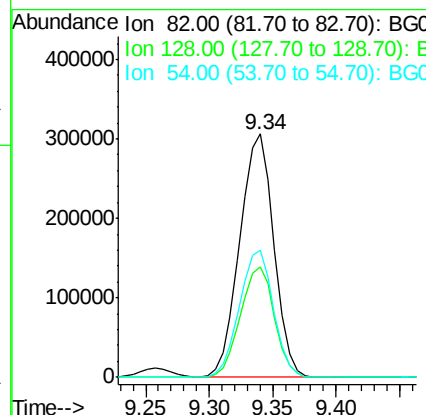
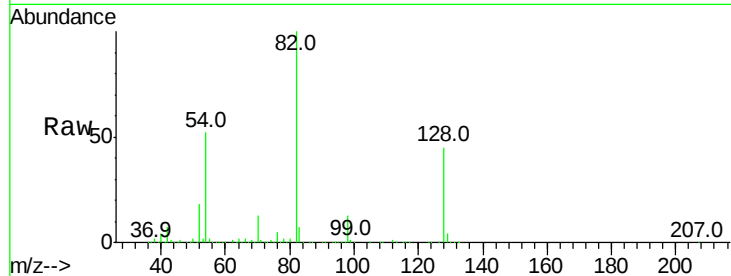
Instrument :
BNA_G
ClientSampleId :
WC-102517MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.4	29.7	44.5#
54	52.1	43.1	64.7

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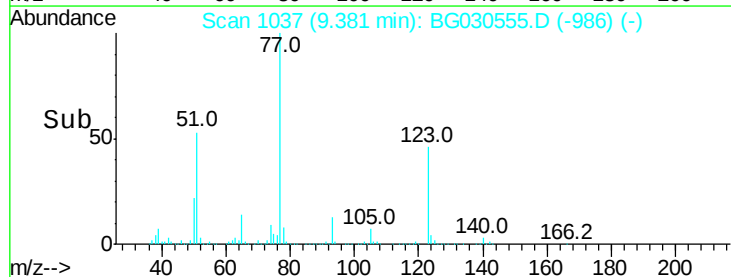
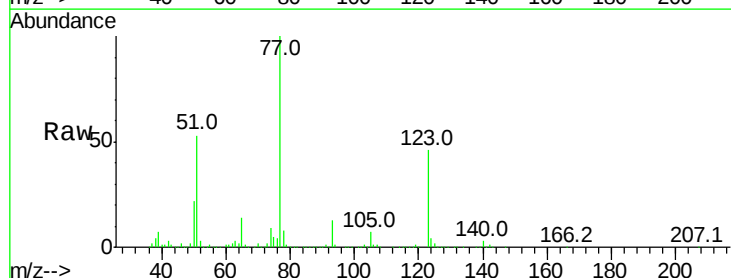
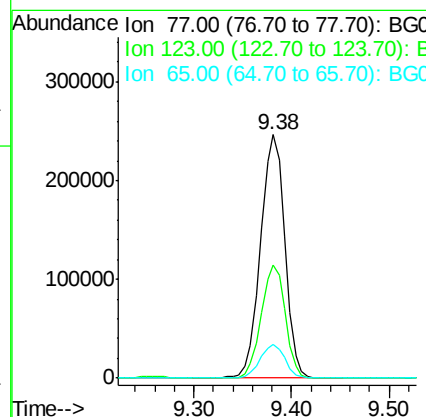
Sonali

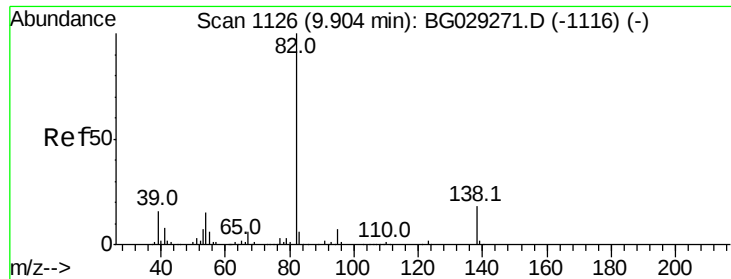
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#24
Nitrobenzene
Concen: 66.779 ng
RT: 9.38 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BG030555.D
Acq: 29 Oct 2017 10:01

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.4	33.0	49.6
65	13.8	13.0	19.6





#25

Isophorone

Concen: 44.013 ng

RT: 9.91 min Scan# 1127

Delta R.T. 0.01 min

Lab File: BG030555.D

Acq: 29 Oct 2017 10:01

Instrument :

BNA_G

ClientSampleId :

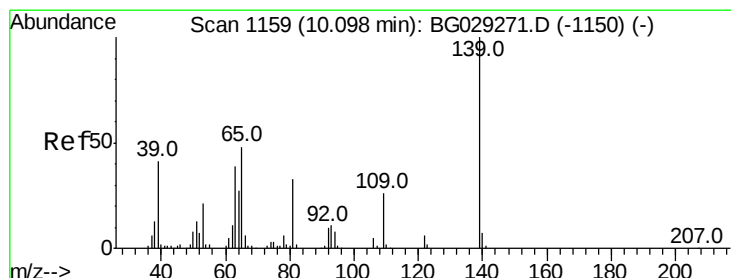
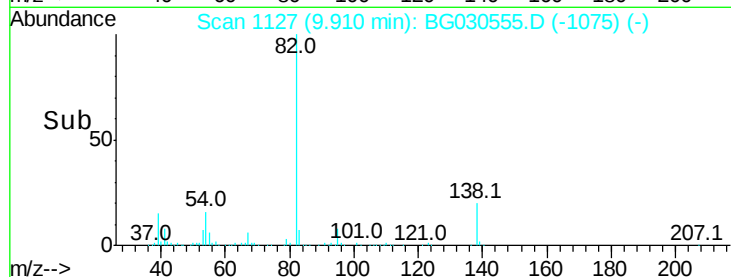
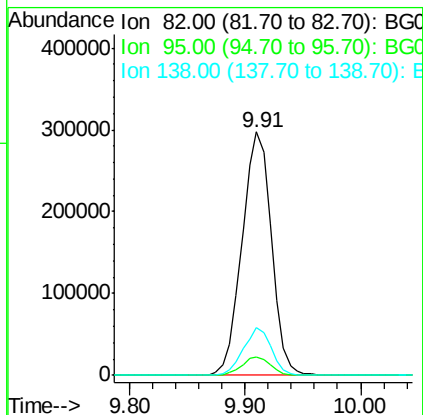
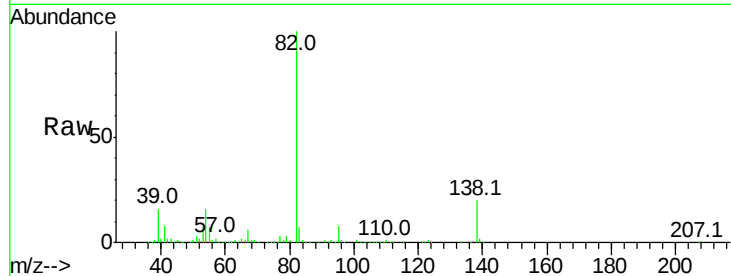
WC-102517MS

Tot Ion:	82	Resp:	525281
Ion Ratio	Lower	Upper	
82	100		
95	7.6	6.2	9.2
138	19.6	12.1	18.1#

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.839 ng

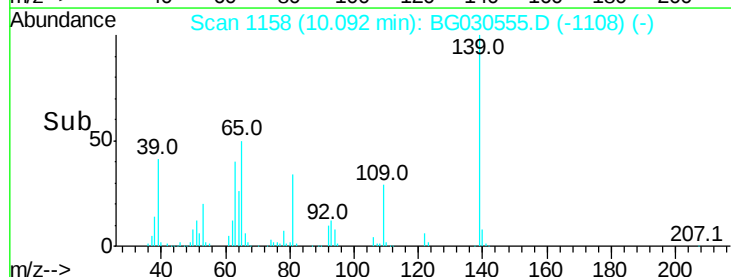
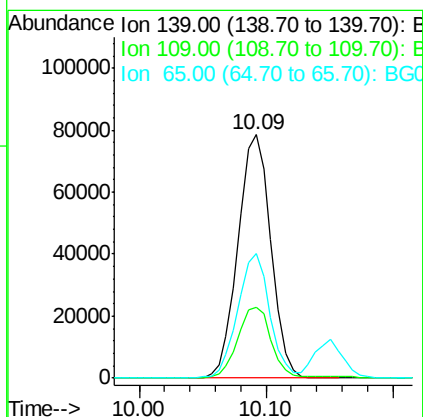
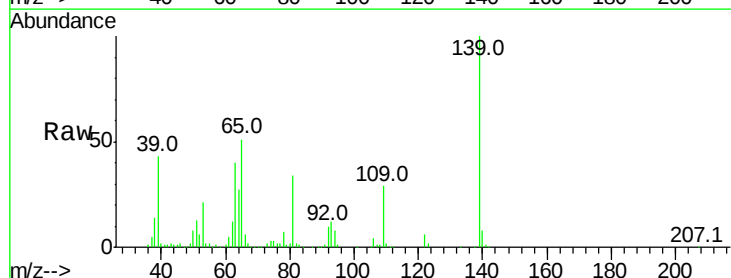
RT: 10.09 min Scan# 1158

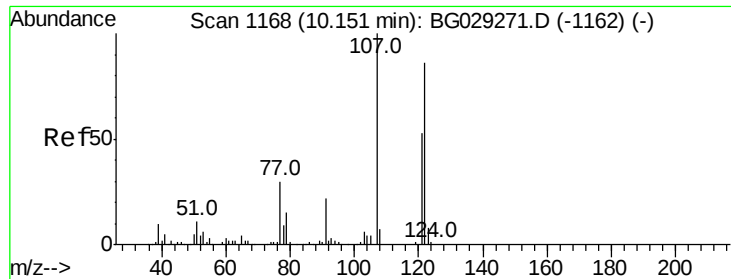
Delta R.T. -0.01 min

Lab File: BG030555.D

Acq: 29 Oct 2017 10:01

Tgt Ion:	139	Resp:	140825
Ion Ratio	Lower	Upper	
139	100		
109	29.1	24.2	36.2
65	51.2	47.4	71.0





#27
2,4-Dimethylphenol
Concen: 35.281 ng
RT: 10.15 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BG030555.D
Acq: 29 Oct 2017 10:01

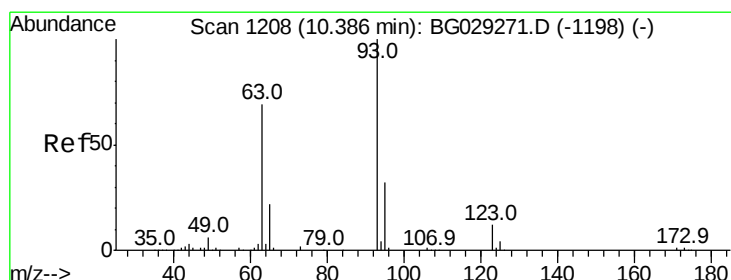
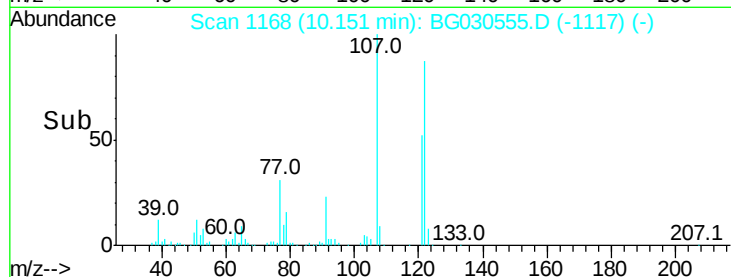
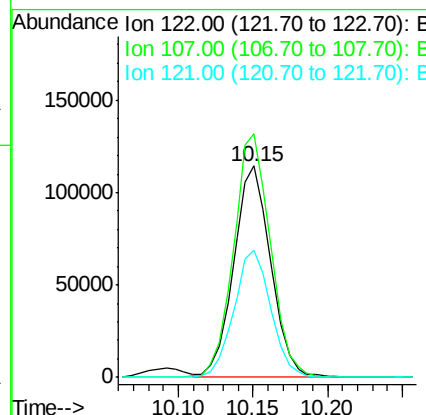
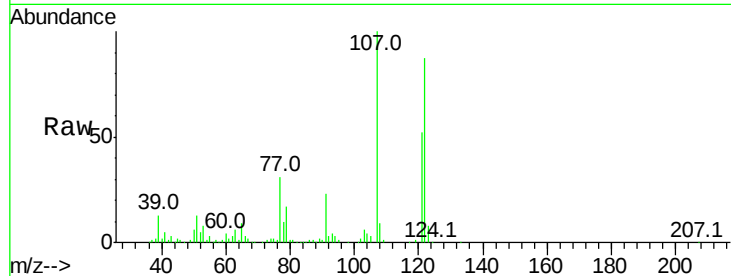
Instrument :
BNA_G
ClientSampleId :
WC-102517MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.2	100.2	150.2
121	59.9	44.4	66.6

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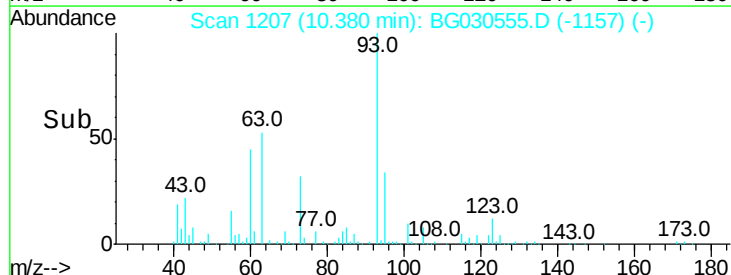
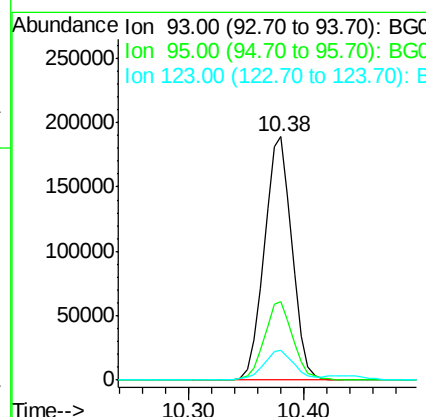
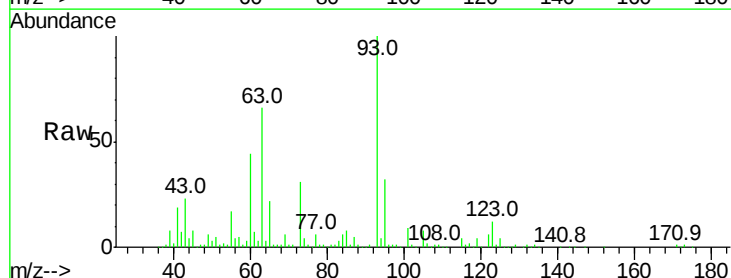
Sonni

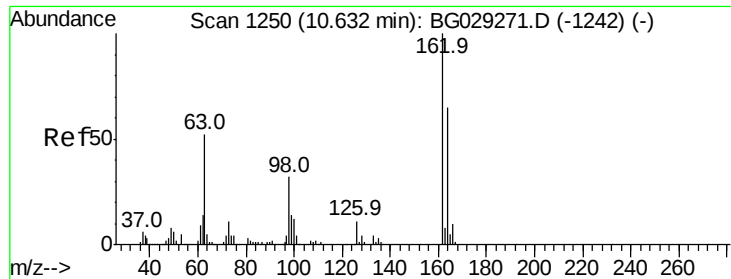
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#28
bis(2-Chloroethoxy)methane
Concen: 43.140 ng
RT: 10.38 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BG030555.D
Acq: 29 Oct 2017 10:01

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	24.3	36.5
123	12.0	8.4	12.6





#29
 2,4-Dichlorophenol
 Concen: 44.021 ng
 RT: 10.63 min Scan# 1250
 Delta R.T. 0.00 min
 Lab File: BG030555.D
 Acq: 29 Oct 2017 10:01

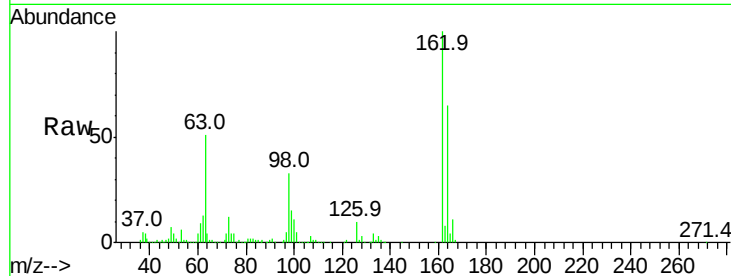
Instrument :
 BNA_G
 ClientSampleId :
 WC-102517MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	260926		
164	65.5	48.0	88.0	
98	33.1	21.1	61.1	

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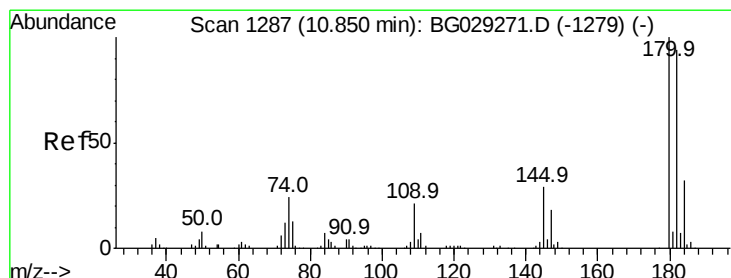
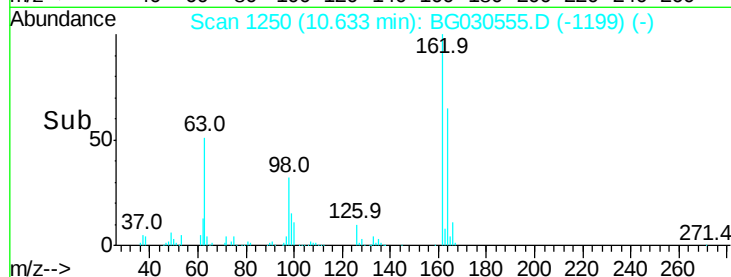
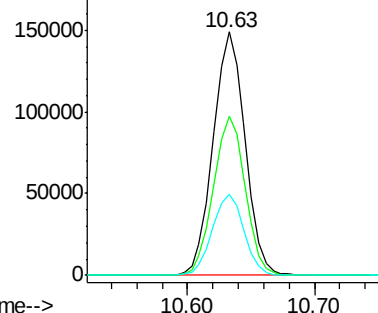


Abundance

Ion 162.00 (161.70 to 162.70): E

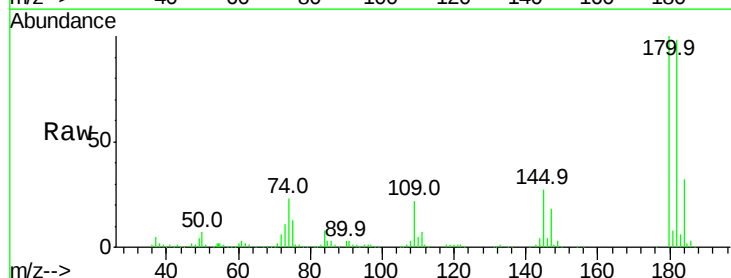
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 42.519 ng
 RT: 10.84 min Scan# 1286
 Delta R.T. -0.01 min
 Lab File: BG030555.D
 Acq: 29 Oct 2017 10:01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	272273		
182	98.0	77.5	116.3	
145	27.5	23.4	35.2	

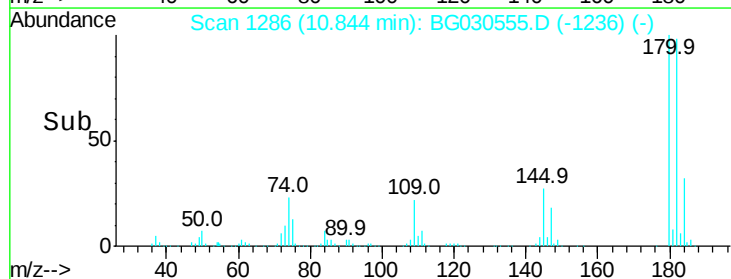
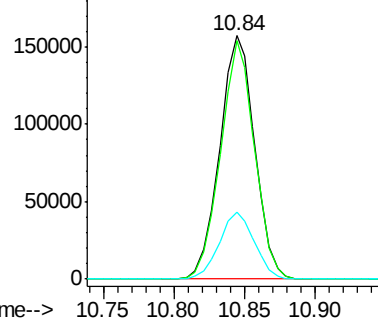


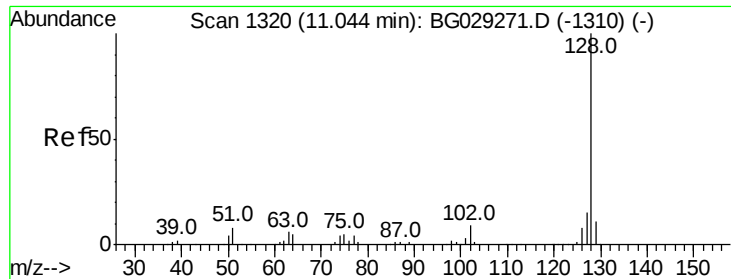
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31
Naphthalene
Concen: 40.472 ng
RT: 11.04 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG030555.D
Acq: 29 Oct 2017 10:01

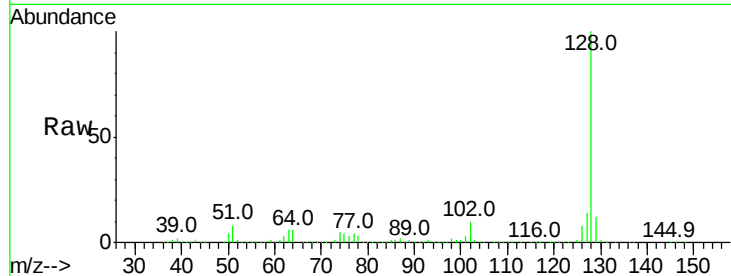
Instrument :
BNA_G
ClientSampleId :
WC-102517MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.0	8.6	12.8
127	14.0	11.6	17.4

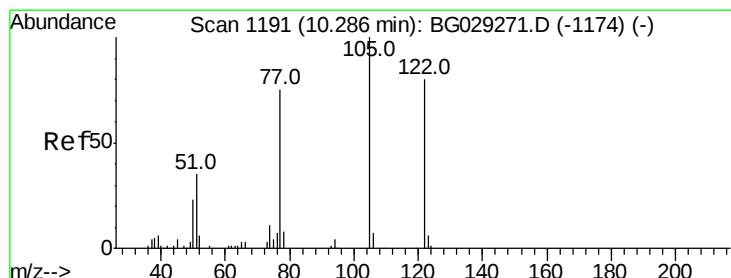
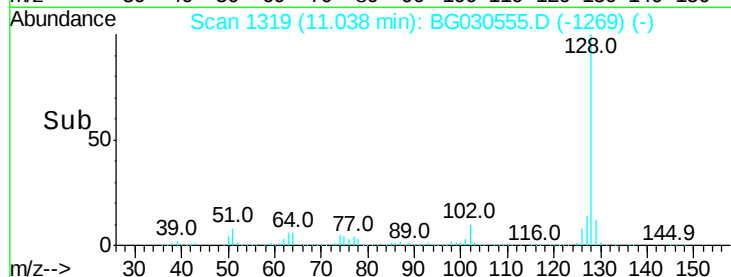
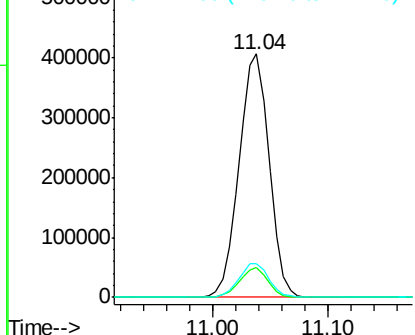
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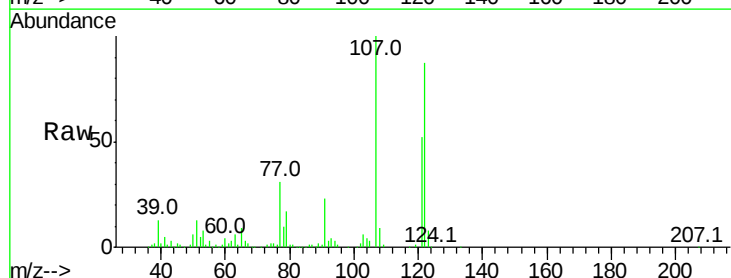


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

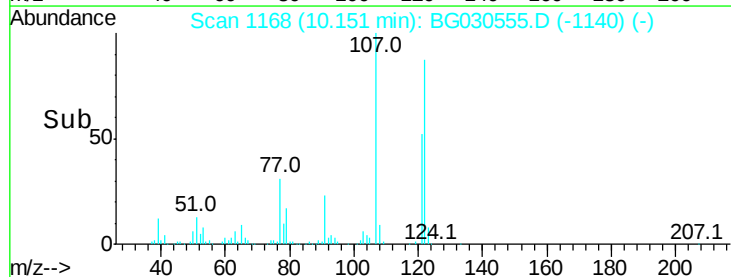
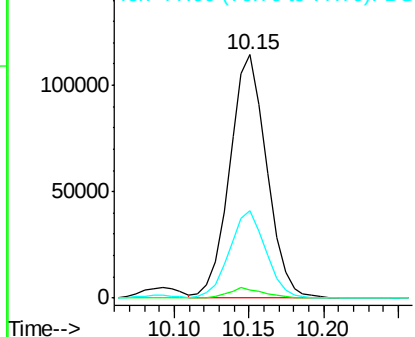


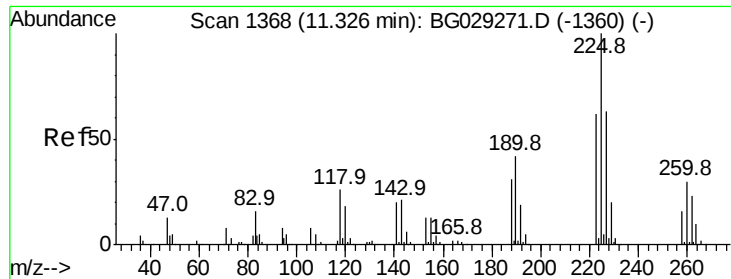
#32
Benzoic acid
Concen: 42.136 ng
RT: 10.15 min Scan# 1168
Delta R.T. -0.14 min
Lab File: BG030555.D
Acq: 29 Oct 2017 10:01

Tgt Ion	Ratio	Lower	Upper
122	100		
105	3.5	123.5	163.5#
77	35.8	85.7	125.7#



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





#34
Hexachlorobutadiene
Concen: 43.547 ng
RT: 11.31 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BG030555.D
Acq: 29 Oct 2017 10:01

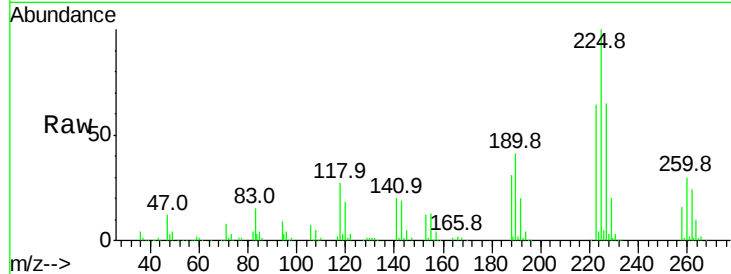
Instrument :
BNA_G
ClientSampleId :
WC-102517MS

Tot Ion	Ratio	Lower	Upper
225	100		
223	64.4	49.7	74.5
227	65.0	48.1	72.1

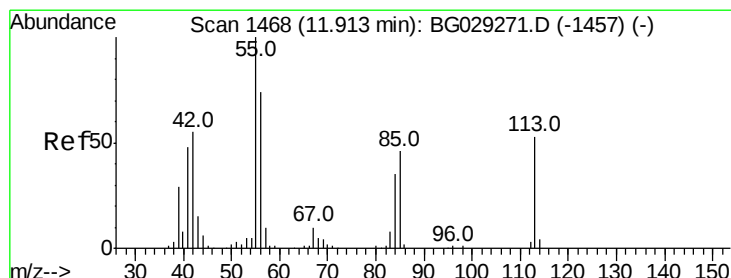
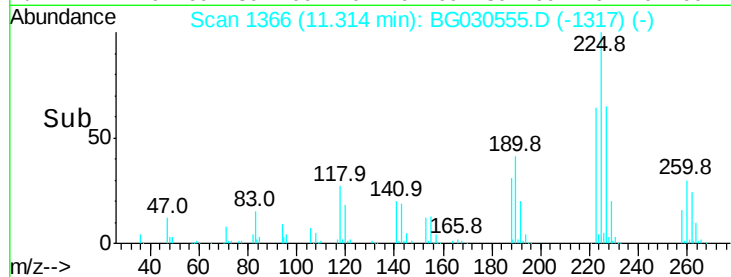
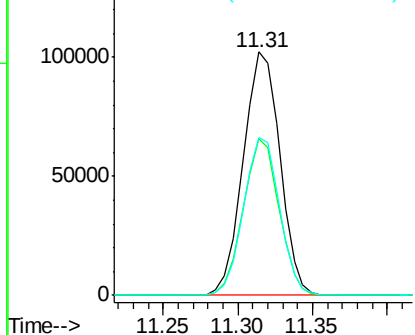
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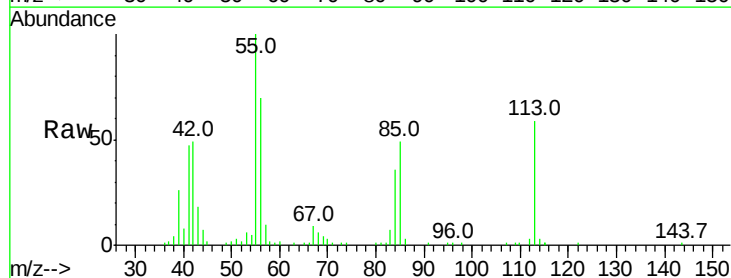


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

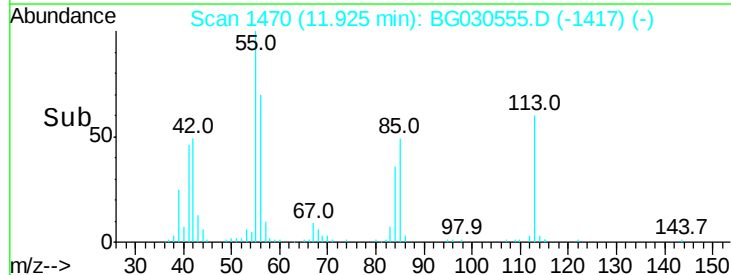
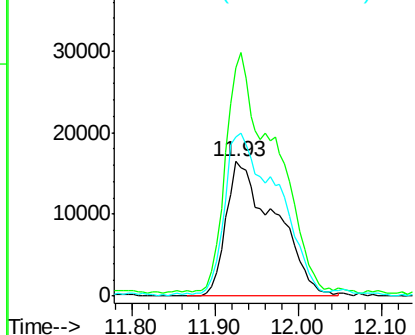


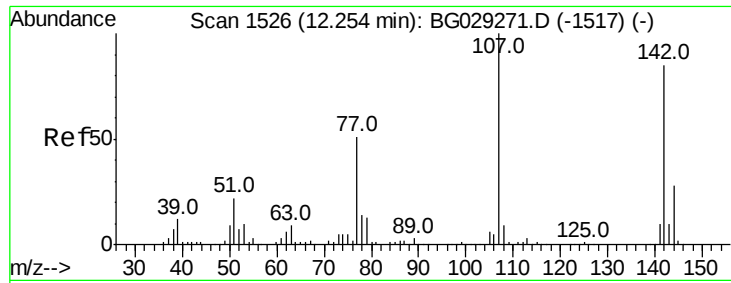
#35
Caprolactam
Concen: 34.365 ng m
RT: 11.93 min Scan# 1470
Delta R.T. 0.01 min
Lab File: BG030555.D
Acq: 29 Oct 2017 10:01

Tgt Ion	Ratio	Lower	Upper
113	100		
55	169.4	186.9	226.9#
56	118.5	130.9	170.9#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BG
Ion 56.00 (55.70 to 56.70): BG





#36
 4-Chloro-3-methylphenol
 Concen: 41.715 ng
 RT: 12.25 min Scan# 1526
 Delta R.T. 0.00 min
 Lab File: BG030555.D
 Acq: 29 Oct 2017 10:01

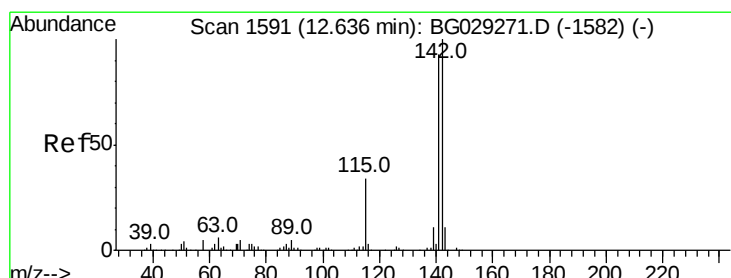
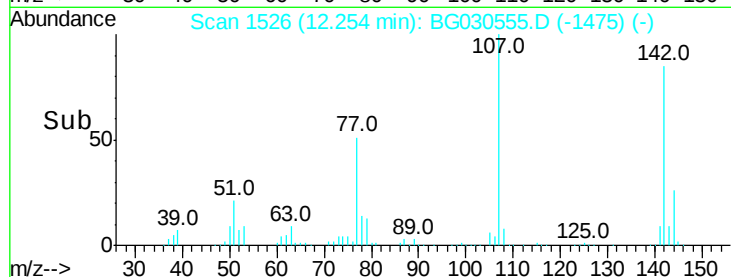
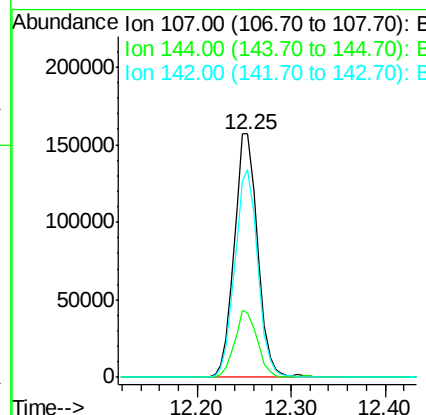
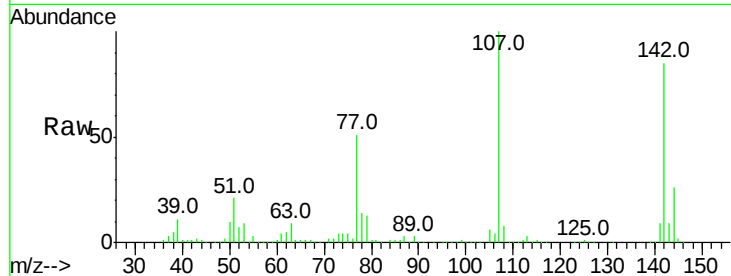
Instrument :
 BNA_G
 ClientSampleId :
 WC-102517MS

Tot Ion	Ratio	Lower	Upper
107	100		
144	26.5	18.2	27.4
142	85.3	59.0	88.4

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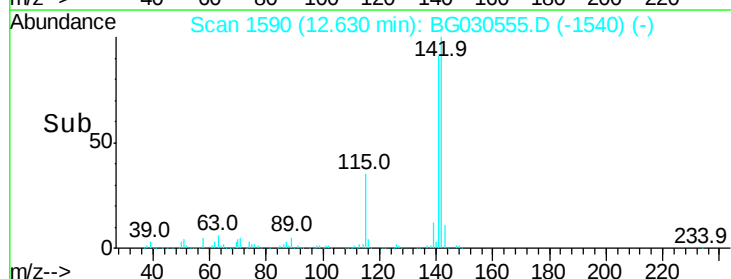
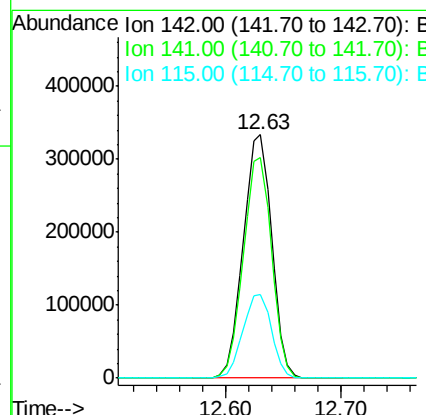
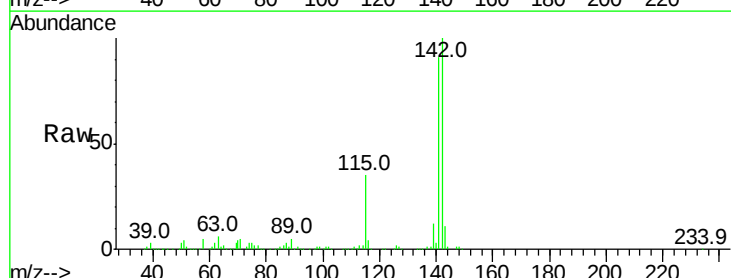
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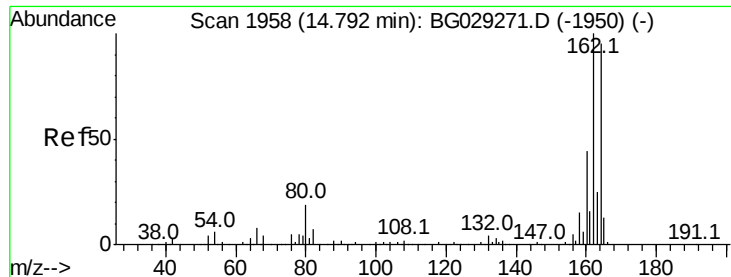
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#37
 2-Methylnaphthalene
 Concen: 43.251 ng
 RT: 12.63 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BG030555.D
 Acq: 29 Oct 2017 10:01

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.6	67.1	100.7
115	34.6	30.7	46.1





#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.79 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BG030555.D
 Acq: 29 Oct 2017 10:01

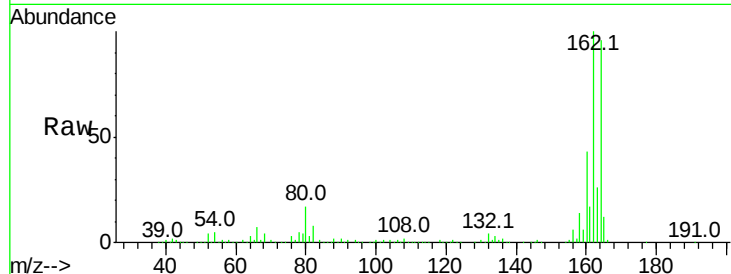
Instrument :
 BNA_G
 ClientSampleId :
 WC-102517MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.6	78.8	118.2
160	44.5	35.4	53.0

Manual Integrations
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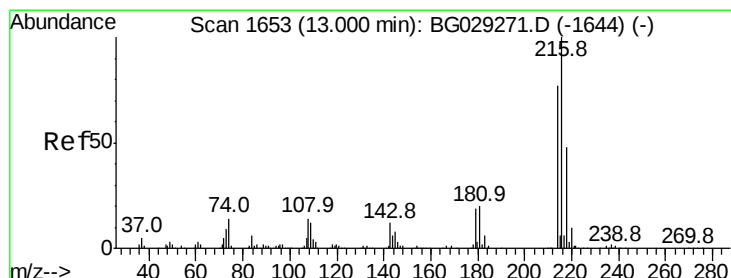
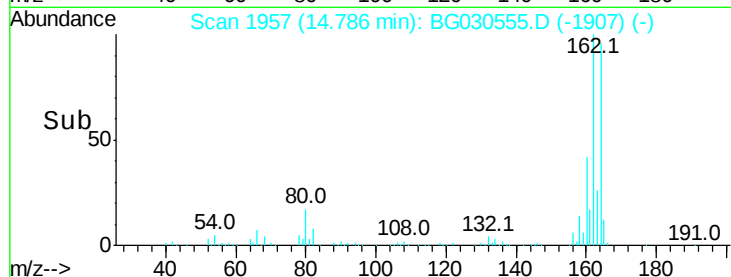
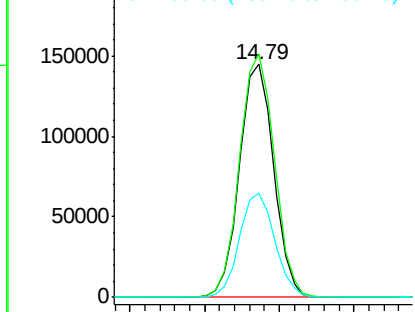


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.721 ng
 RT: 12.99 min Scan# 1652
 Delta R.T. -0.01 min
 Lab File: BG030555.D
 Acq: 29 Oct 2017 10:01

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.8	63.0	94.4
179	19.6	17.0	25.6
108	17.1	12.8	19.2

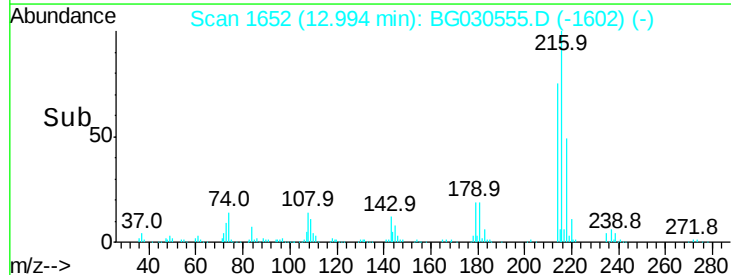
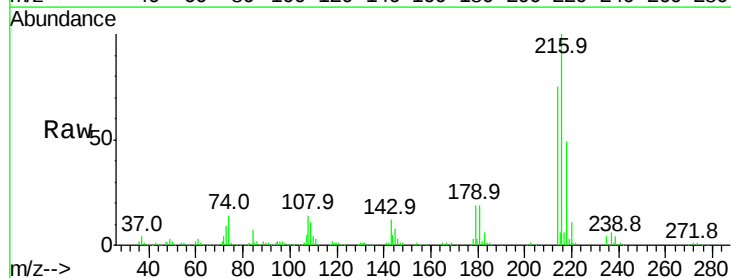
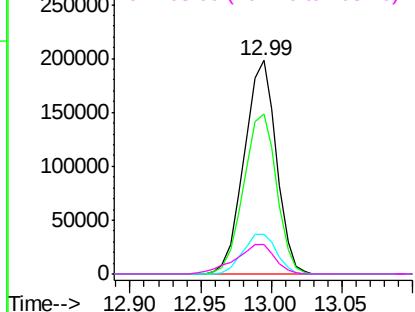
Abundance

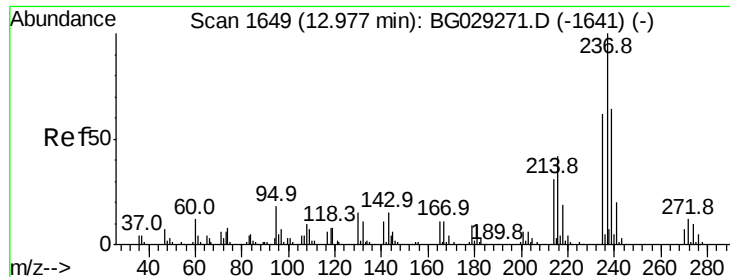
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40
 Hexachlorocyclopentadiene
 Concen: 123.371 ng
 RT: 12.97 min Scan# 1648
 Delta R.T. -0.01 min
 Lab File: BG030555.D
 Acq: 29 Oct 2017 10:01

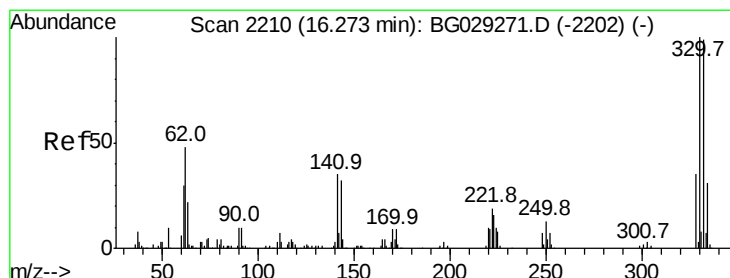
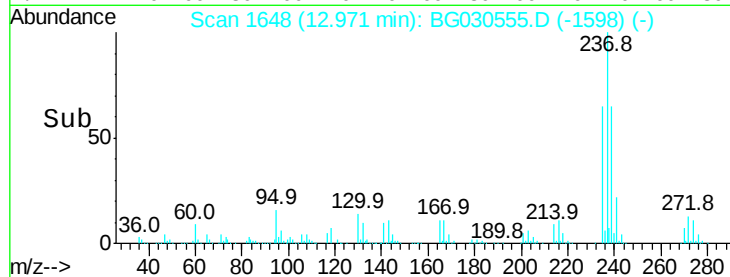
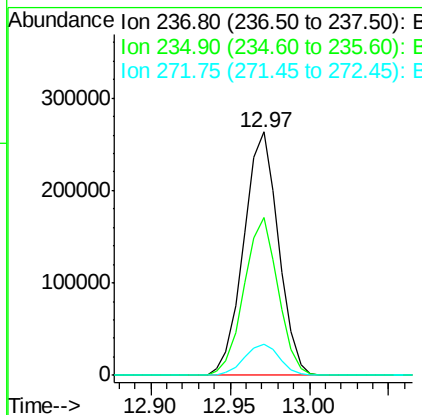
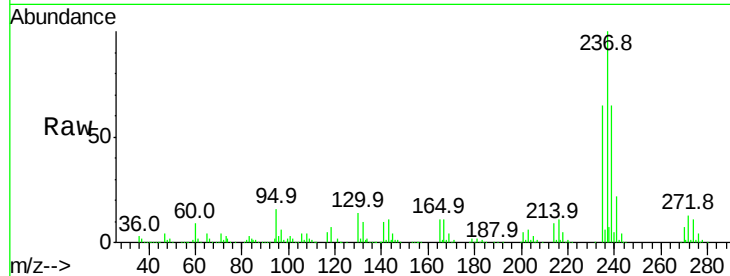
Instrument :
 BNA_G
 ClientSampleId :
 WC-102517MS

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	64.7	50.4	90.4	
272	12.5	0.0	31.8	

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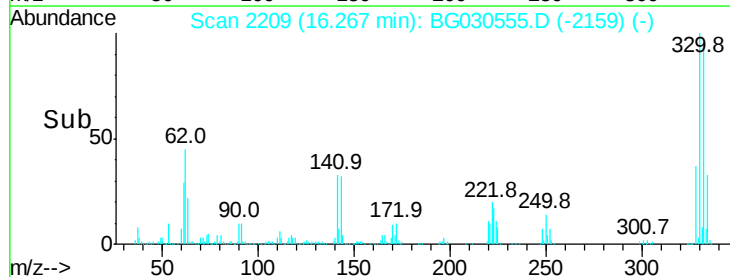
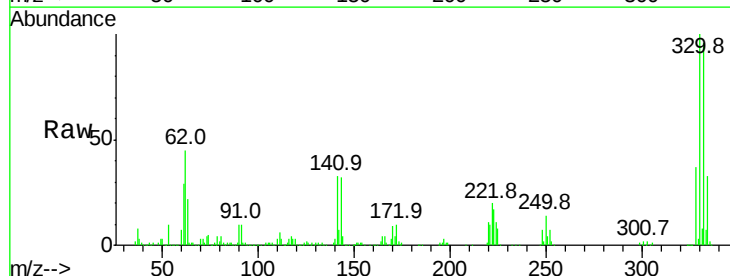
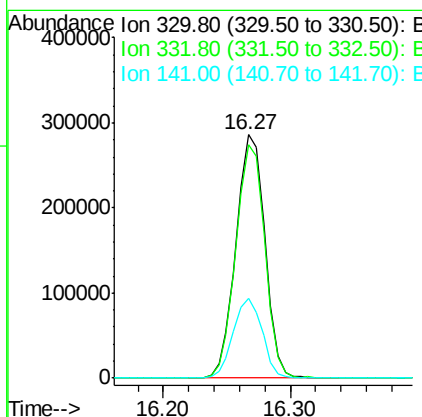
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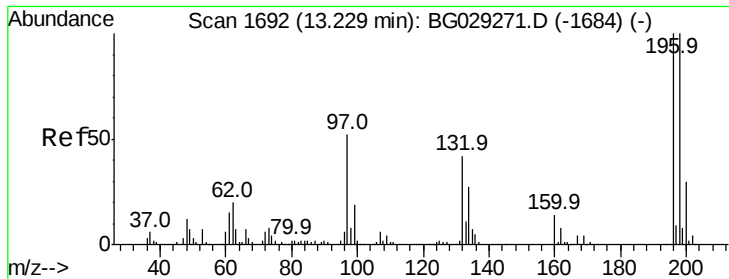
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#41
 2,4,6-Tribromophenol
 Concen: 152.763 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BG030555.D
 Acq: 29 Oct 2017 10:01

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.2	77.0	115.6	
141	32.8	25.2	37.8	





#42

2,4,6-Trichlorophenol

Concen: 43.829 ng

RT: 13.23 min Scan# 1692

Delta R.T. 0.00 min

Lab File: BG030555.D

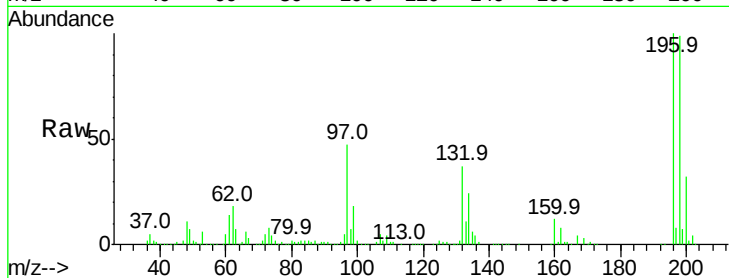
Acq: 29 Oct 2017 10:01

Instrument :

BNA_G

ClientSampleId :

WC-102517MS



Tot Ion:196 Resp: 230473

Ion Ratio Lower Upper

196 100

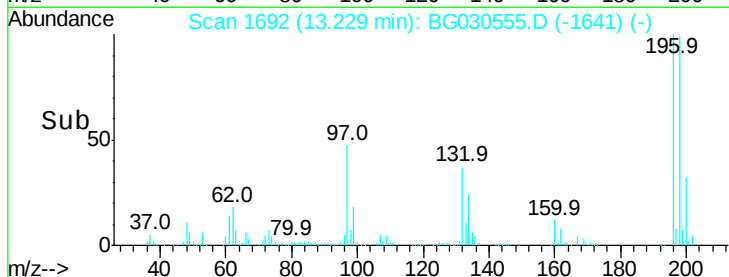
198 98.7 78.2 117.2

200 32.2 24.6 36.8

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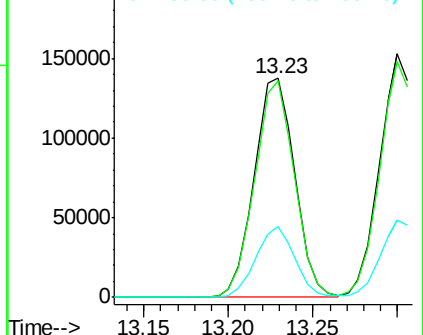
Sonni



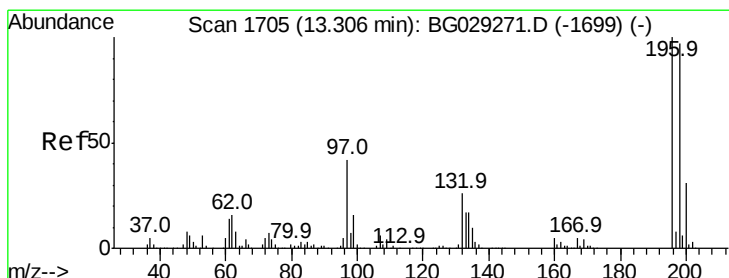
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



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#43

2,4,5-Trichlorophenol

Concen: 46.138 ng

RT: 13.30 min Scan# 1704

Delta R.T. -0.01 min

Lab File: BG030555.D

Acq: 29 Oct 2017 10:01

Tgt Ion:196 Resp: 249163

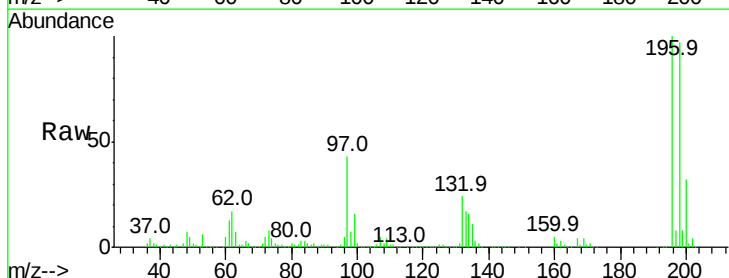
Ion Ratio Lower Upper

196 100

198 96.7 76.2 114.4

97 43.1 38.7 58.1

132 24.1 20.2 30.2

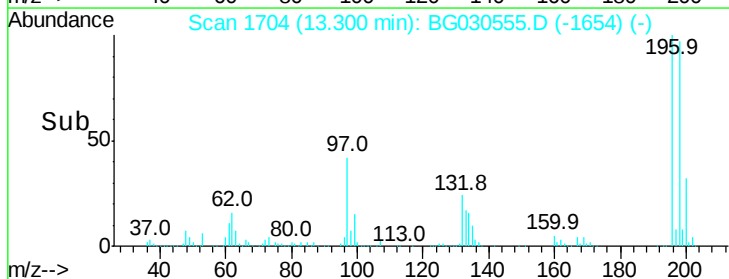
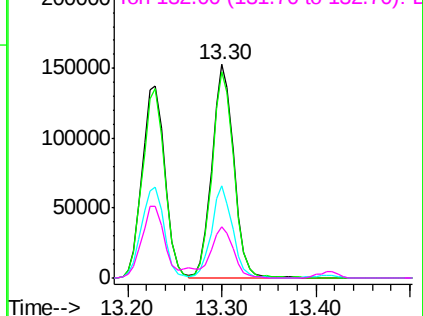


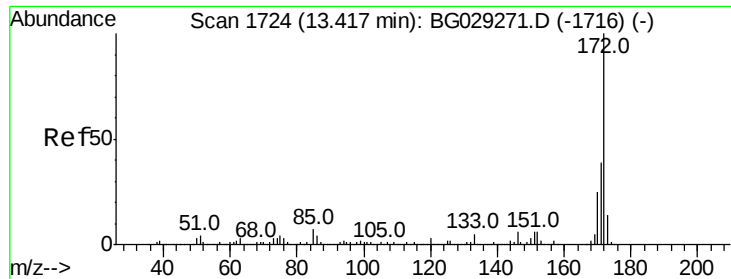
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





#44
 2-Fluorobiphenyl
 Concen: 92.272 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG030555.D
 Acq: 29 Oct 2017 10:01

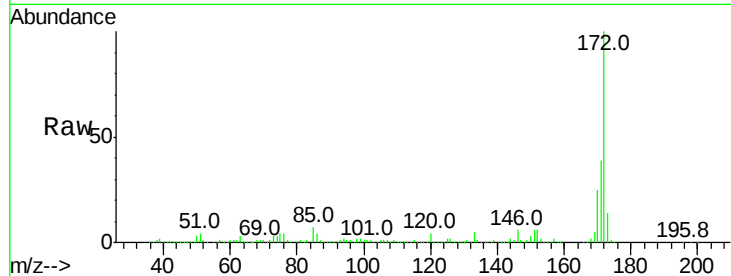
Instrument :
 BNA_G
 ClientSampleId :
 WC-102517MS

Tot Ion:172	Resp: 1443455
Ion Ratio	Lower Upper
172 100	
171 39.4	30.0 45.0
170 25.4	19.5 29.3

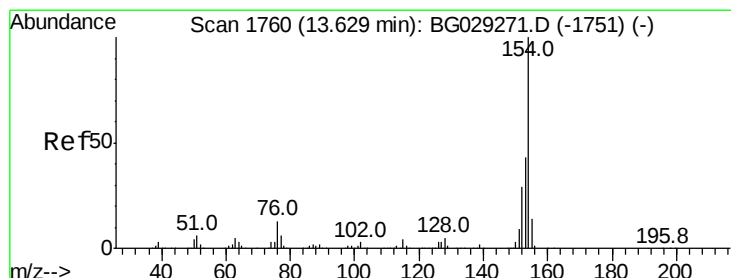
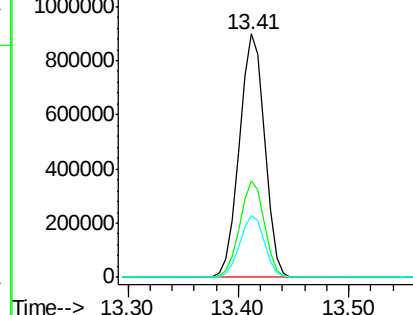
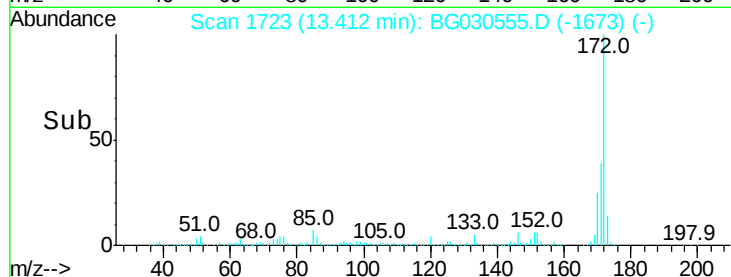
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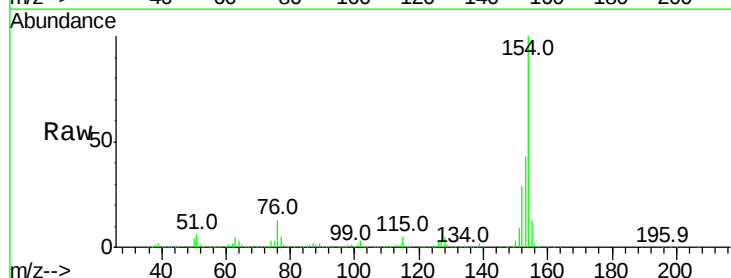


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

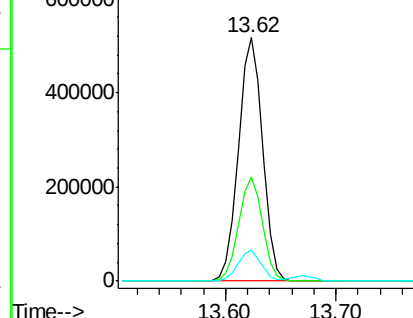
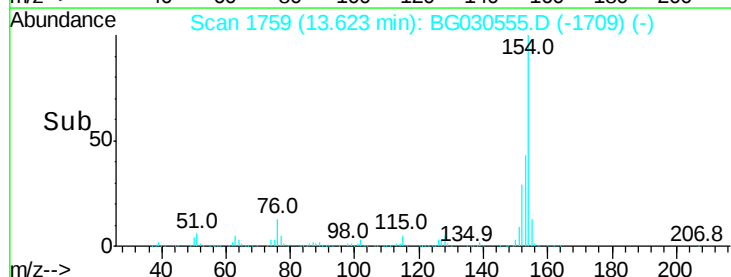


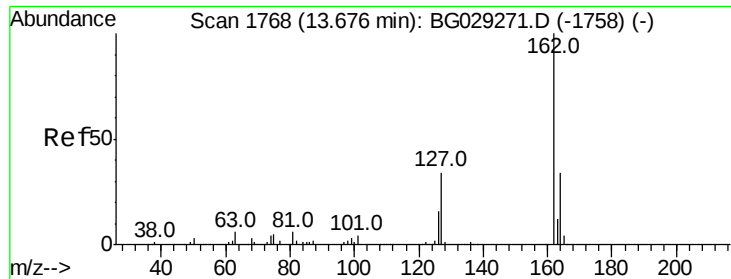
#45
 1,1'-Biphenyl
 Concen: 40.165 ng
 RT: 13.62 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BG030555.D
 Acq: 29 Oct 2017 10:01

Tgt Ion	154	Resp: Lower	792092 Upper
	Ratio		
154	100		
153	42.7	19.8	59.8
76	12.6	0.0	31.9



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





#46
 2-Chloronaphthalene
 Concen: 40.903 ng
 RT: 13.67 min Scan# 1767
 Delta R.T. -0.01 min
 Lab File: BG030555.D
 Acq: 29 Oct 2017 10:01

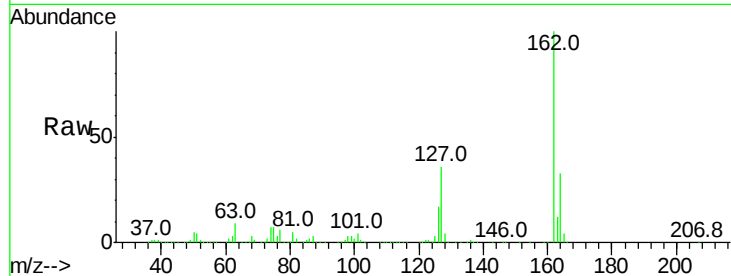
Instrument :
 BNA_G
 ClientSampleId :
 WC-102517MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	35.7	30.7	46.1
164	32.9	26.0	39.0

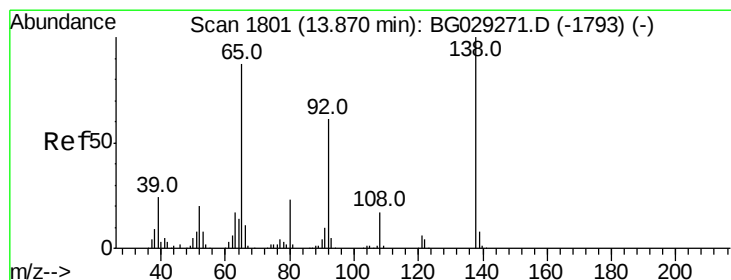
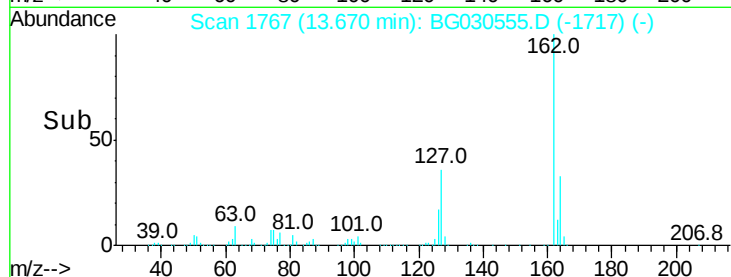
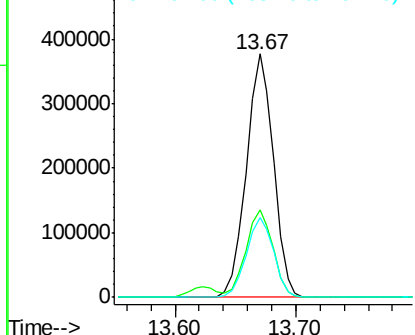
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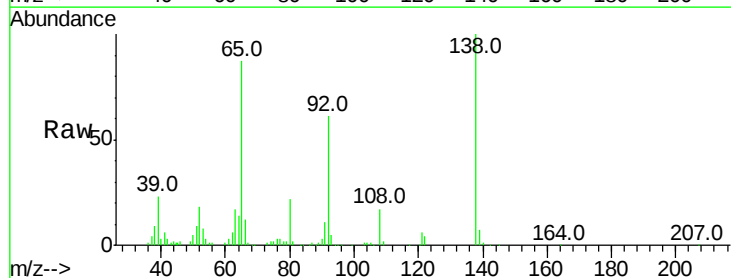


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

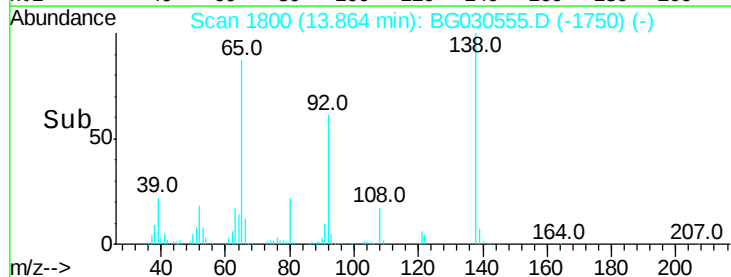
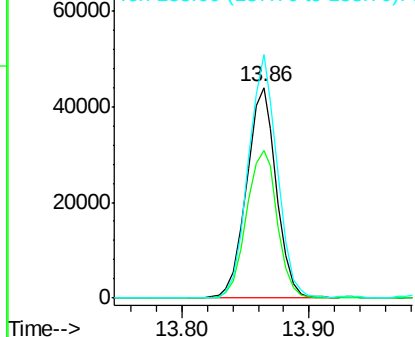


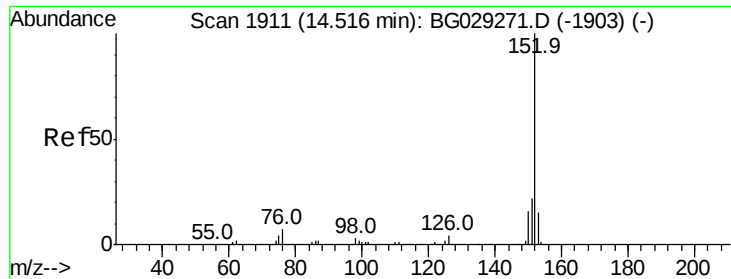
#47
 2-Nitroaniline
 Concen: 18.179 ng
 RT: 13.86 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG030555.D
 Acq: 29 Oct 2017 10:01

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.9	54.6	82.0
138	115.5	72.9	109.3



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#48
Acenaphthylene
Concen: 40.305 ng
RT: 14.51 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BG030555.D
Acq: 29 Oct 2017 10:01

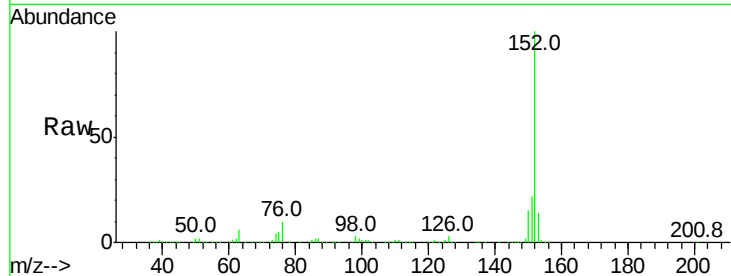
Instrument :
BNA_G
ClientSampleId :
WC-102517MS

Tot Ion	Ratio	Resp	Lower	Upper
152	100			
151	22.3	17.2	25.8	
153	13.9	10.2	15.4	

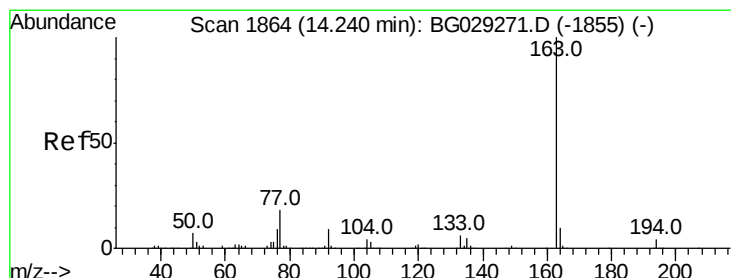
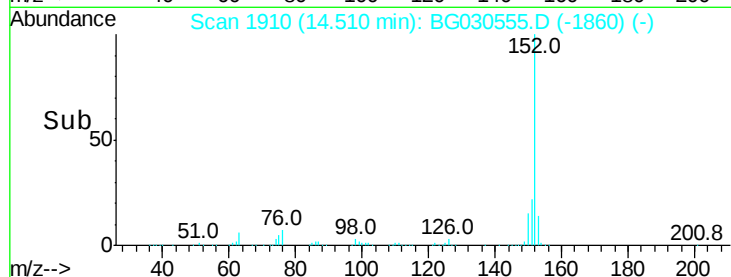
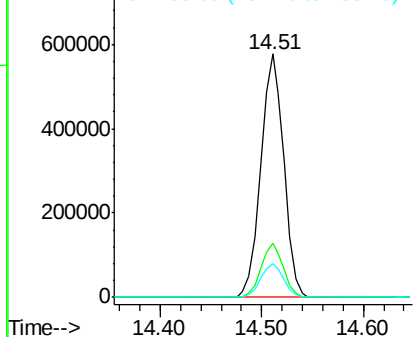
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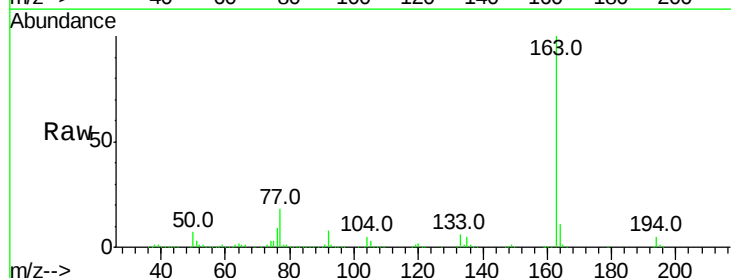


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

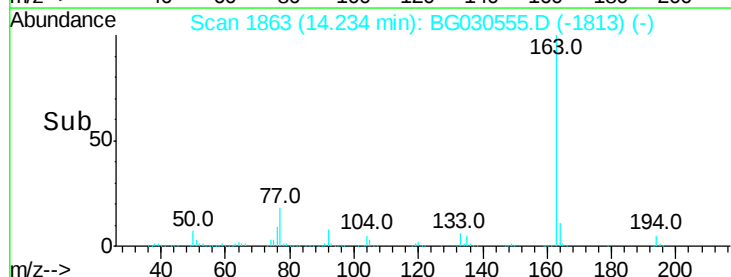
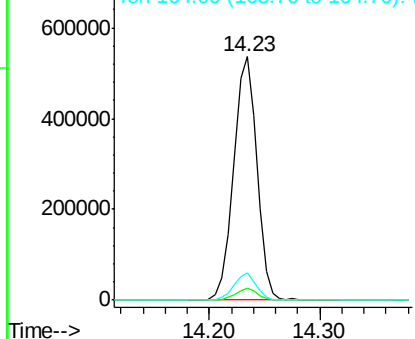


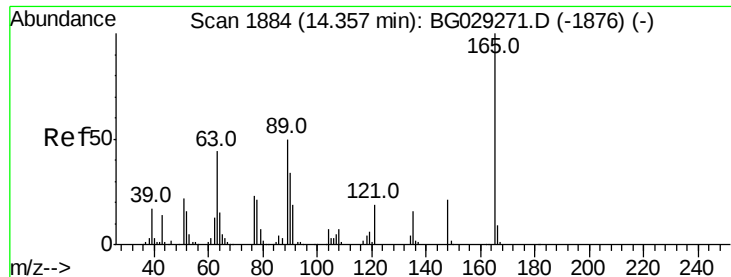
#49
Dimethylphthalate
Concen: 44.269 ng
RT: 14.23 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BG030555.D
Acq: 29 Oct 2017 10:01

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.8	3.4	5.2	
164	11.3	8.2	12.4	



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#50
 2,6-Dinitrotoluene
 Concen: 45.883 ng
 RT: 14.35 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: BG030555.D
 Acq: 29 Oct 2017 10:01

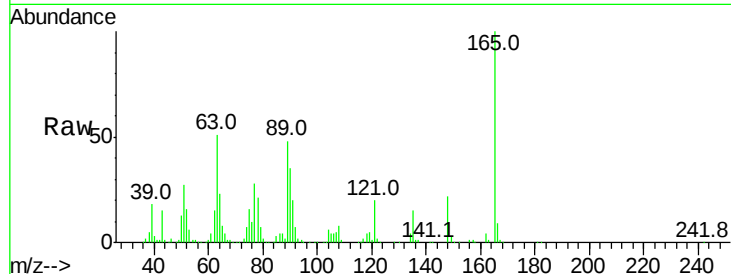
Instrument :
 BNA_G
 ClientSampleId :
 WC-102517MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.0	52.7	79.1#
89	47.6	49.2	73.8#

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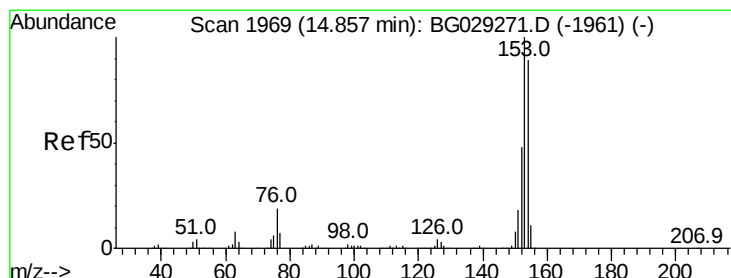
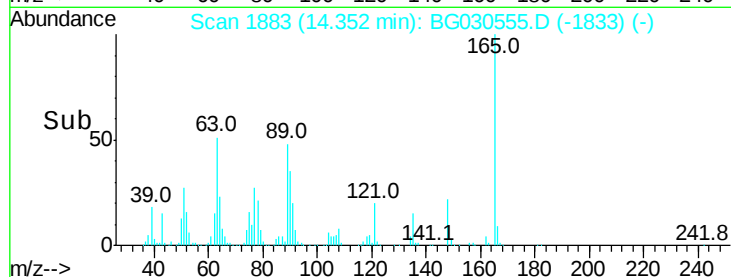
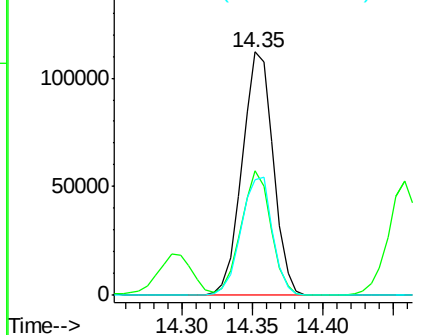
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Abundance Ion 165.00 (164.70 to 165.70): E

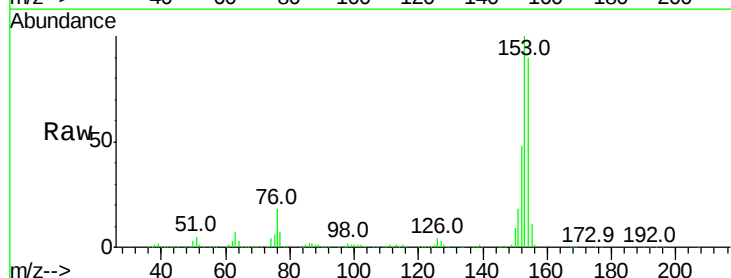
Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#51
 Acenaphthene
 Concen: 38.731 ng
 RT: 14.85 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: BG030555.D
 Acq: 29 Oct 2017 10:01

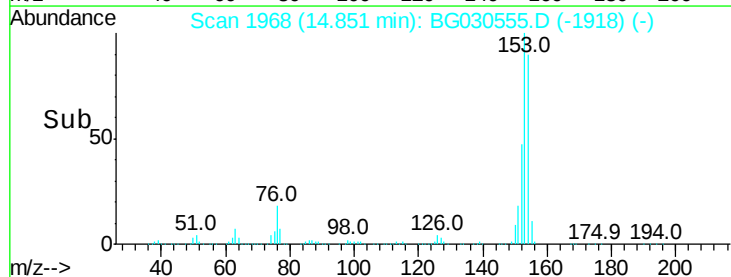
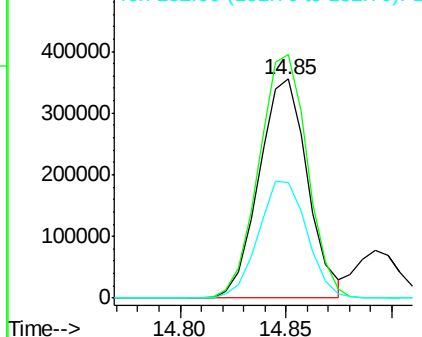
Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.2	90.4	135.6
152	52.9	41.6	62.4

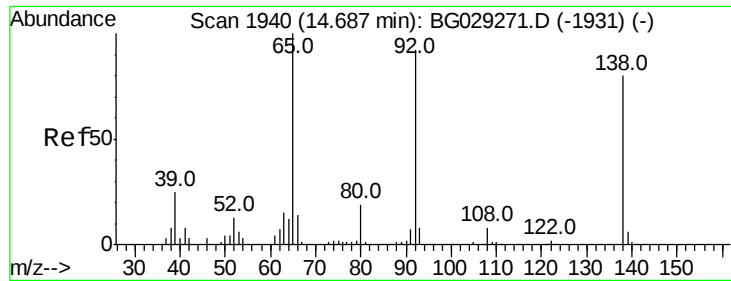


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 7.755 ng

RT: 14.69 min Scan# 1940

Delta R.T. 0.00 min

Lab File: BG030555.D

Acq: 29 Oct 2017 10:01

Instrument :

BNA_G

ClientSampleId :

WC-102517MS

Tot Ion:138 Resp: 31403

Ion Ratio Lower Upper

138 100

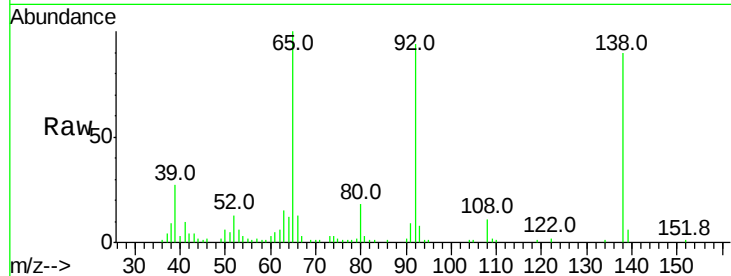
108 12.1 17.5 26.3#

92 104.8 105.8 158.8#

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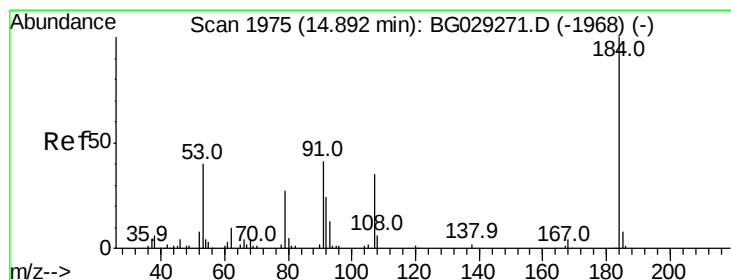
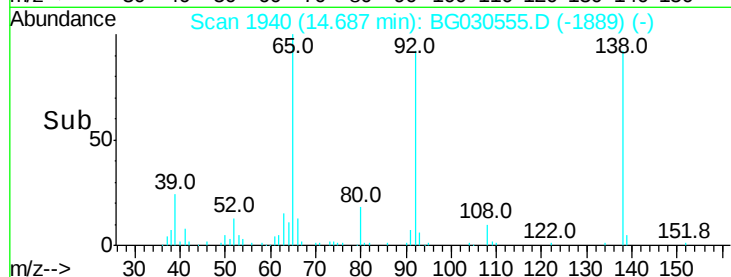
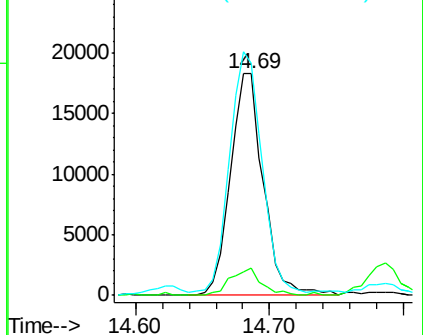
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E



#53

2,4-Dinitrophenol

Concen: 99.922 ng

RT: 14.89 min Scan# 1975

Delta R.T. 0.00 min

Lab File: BG030555.D

Acq: 29 Oct 2017 10:01

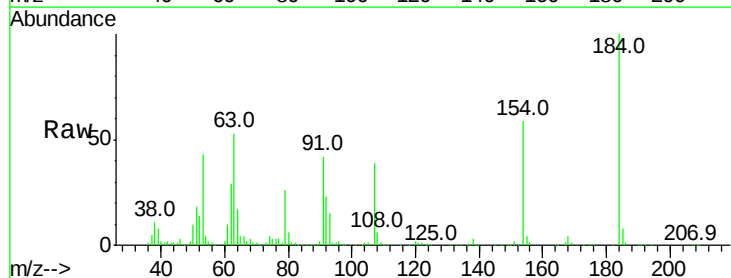
Tgt Ion:184 Resp: 210205

Ion Ratio Lower Upper

184 100

63 53.4 59.8 89.8#

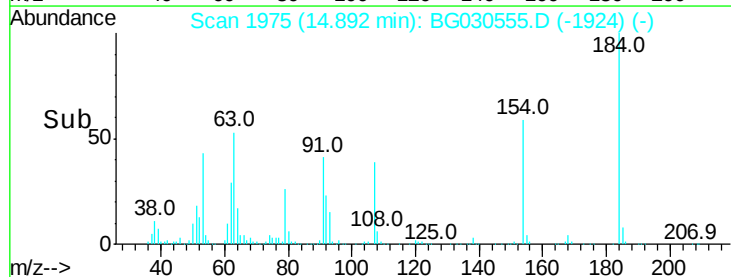
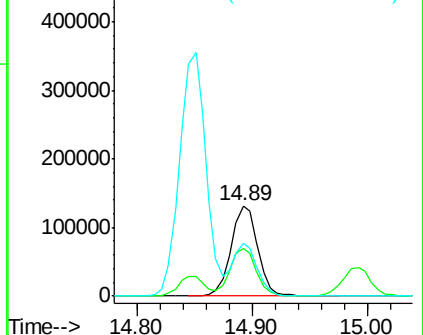
154 58.8 101.8 152.8#

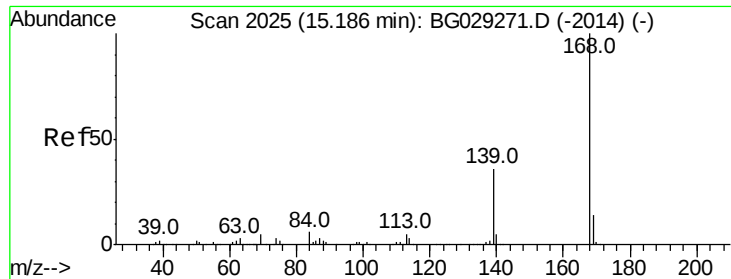


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 154.00 (153.70 to 154.70): E





#54
Dibenzenofuran
Concen: 43.468 ng
RT: 15.18 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BG030555.D
Acq: 29 Oct 2017 10:01

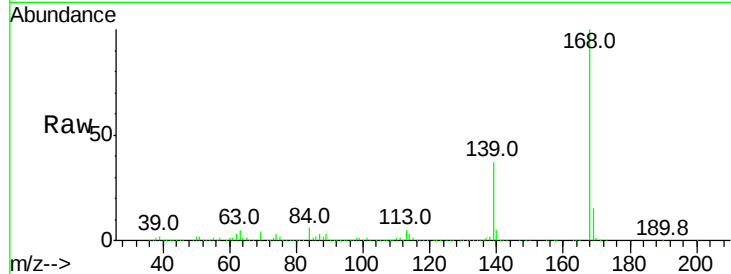
Instrument :
BNA_G
ClientSampleId :
WC-102517MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.1	28.6	43.0
169	14.5	11.2	16.8

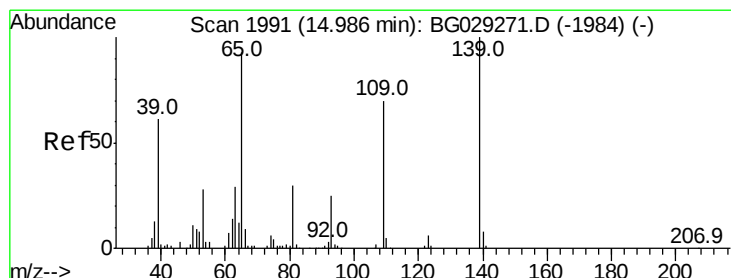
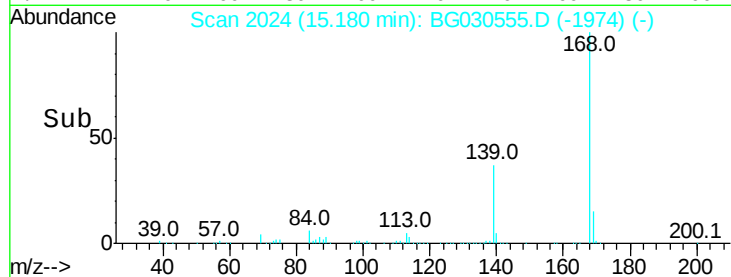
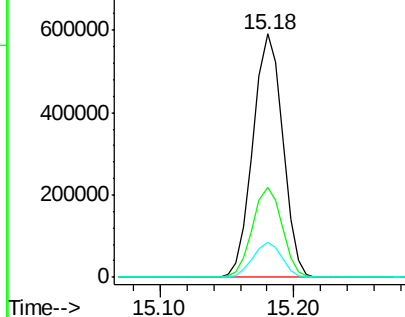
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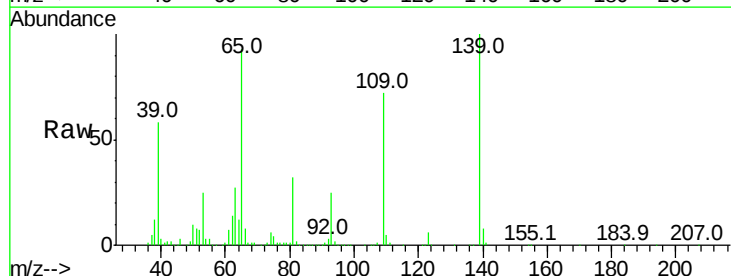


Abundance Ion 168.00 (167.70 to 168.70): E
800000
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

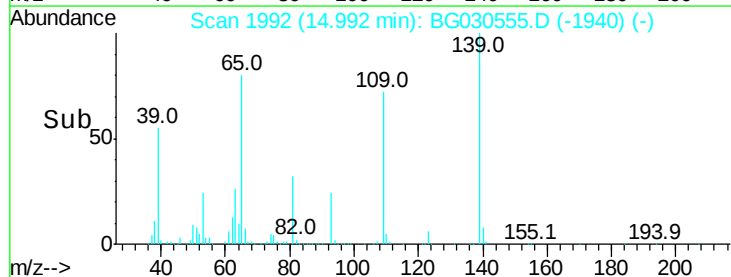
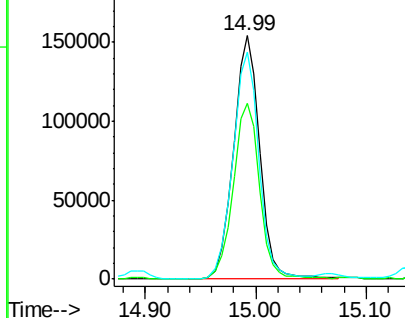


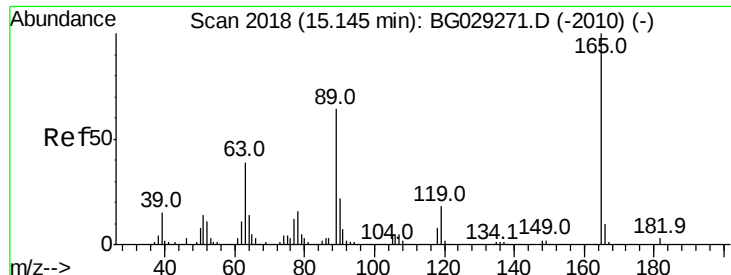
#55
4-Nitrophenol
Concen: 77.015 ng
RT: 14.99 min Scan# 1992
Delta R.T. 0.01 min
Lab File: BG030555.D
Acq: 29 Oct 2017 10:01

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.9	62.2	102.2
65	93.1	97.2	137.2#



Abundance Ion 139.00 (138.70 to 139.70): E
200000
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGO





#56
2,4-Dinitrotoluene
Concen: 48.340 ng
RT: 15.14 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BG030555.D
Acq: 29 Oct 2017 10:01

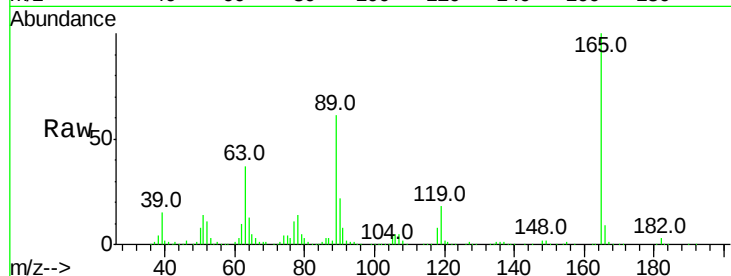
Instrument :
BNA_G
ClientSampleId :
WC-102517MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	245563		
63	37.0		42.0	63.0#
89	61.3		66.9	100.3#
182	3.1		2.6	3.8

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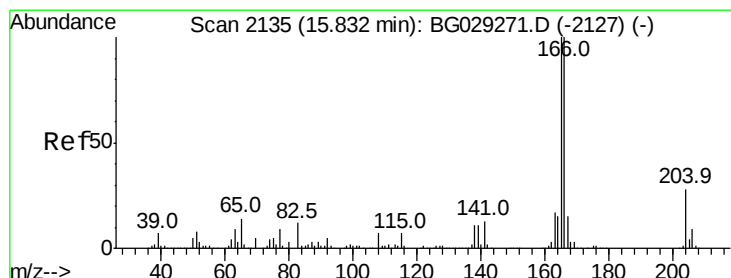
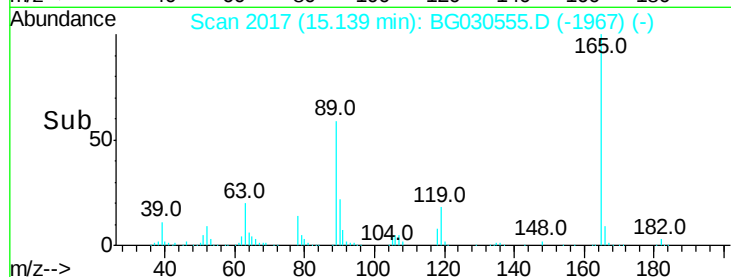
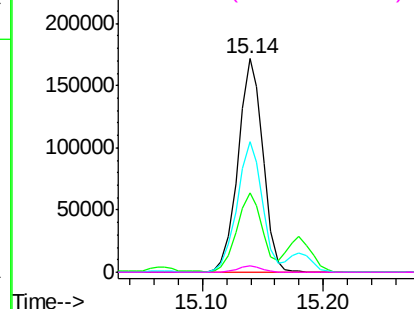
Abundance

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



#57
Fluorene
Concen: 41.641 ng
RT: 15.83 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BG030555.D
Acq: 29 Oct 2017 10:01

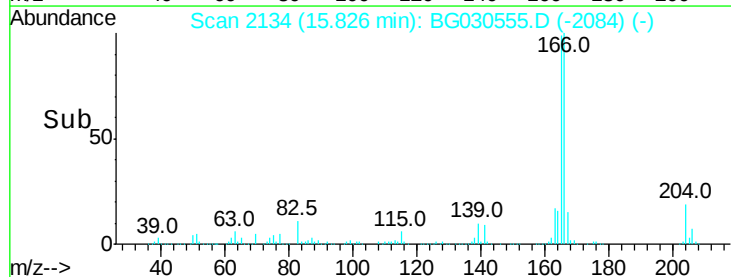
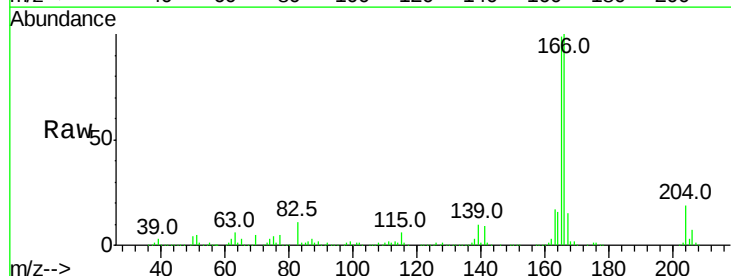
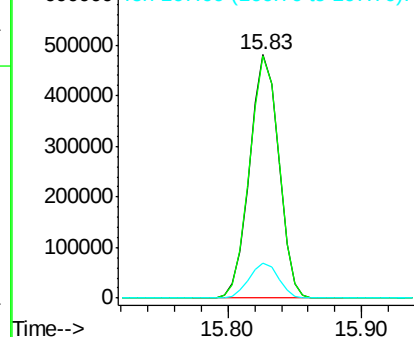
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	719295		
165	99.4		80.6	121.0
167	14.6		10.4	15.6

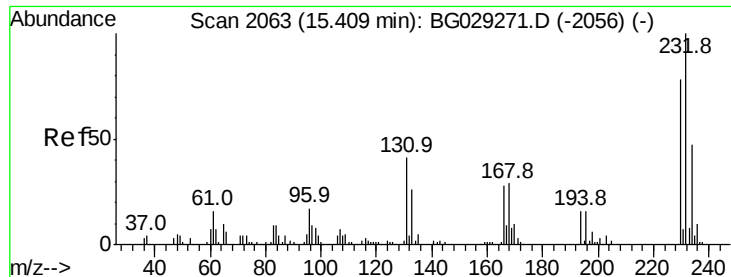
Abundance

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: 51.489 ng
 RT: 15.40 min Scan# 2062
 Delta R.T. -0.01 min
 Lab File: BG030555.D
 Acq: 29 Oct 2017 10:01

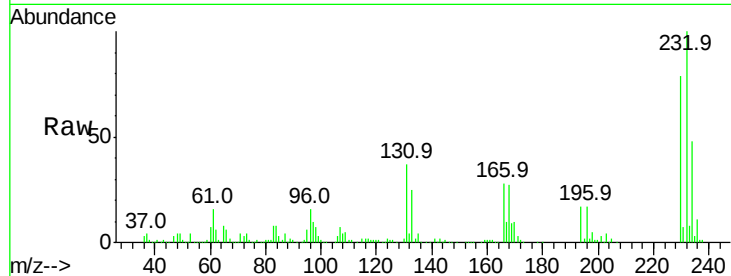
Instrument :
 BNA_G
 ClientSampleId :
 WC-102517MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	231989		
131	37.4		33.5	50.3
130	2.3		2.2	3.2
166	27.5		24.8	37.2

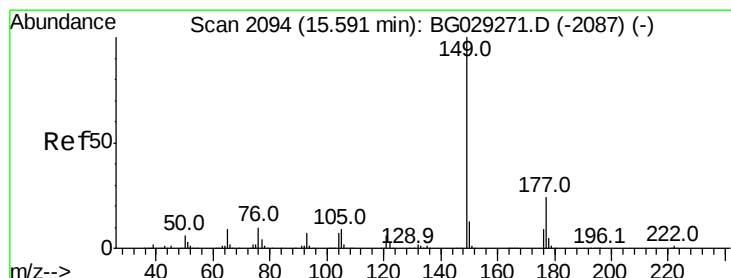
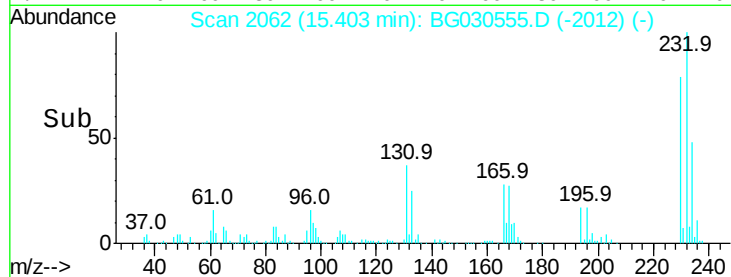
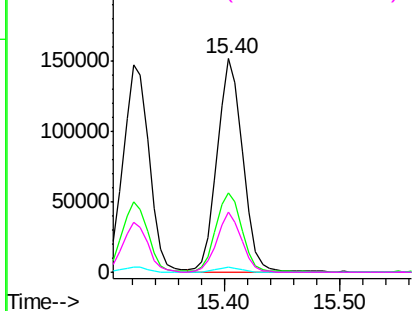
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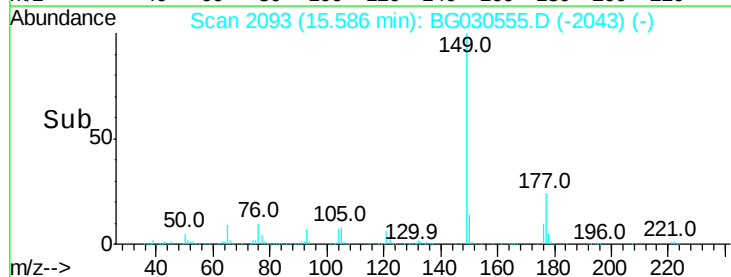
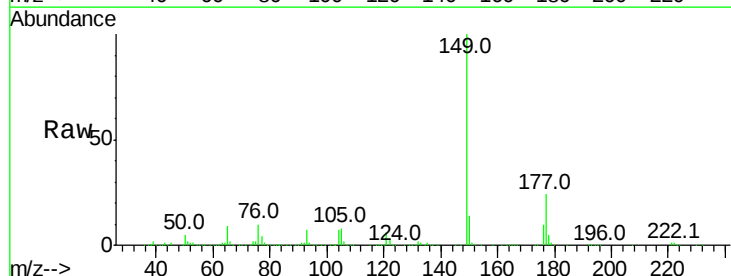
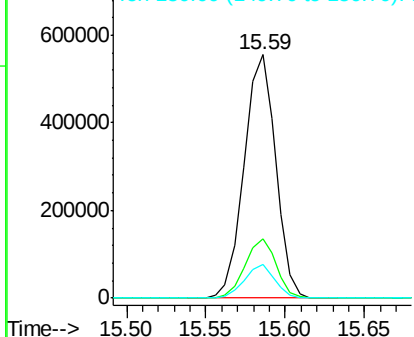
Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

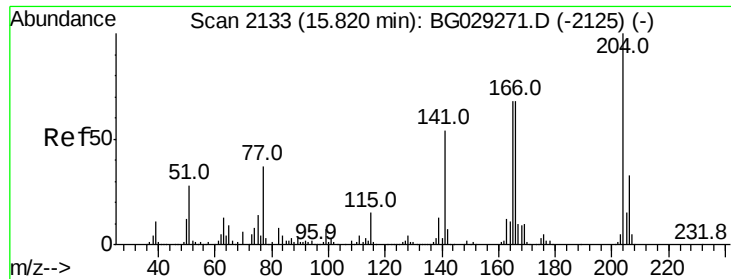


#59
 Diethylphthalate
 Concen: 43.016 ng
 RT: 15.59 min Scan# 2093
 Delta R.T. -0.01 min
 Lab File: BG030555.D
 Acq: 29 Oct 2017 10:01

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	767410		
177	24.3		18.5	27.7
150	14.0		10.2	15.2

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





#60
 4-Chlorophenyl-phenylether
 Concen: 44.918 ng
 RT: 15.81 min Scan# 2132
 Delta R.T. -0.01 min
 Lab File: BG030555.D
 Acq: 29 Oct 2017 10:01

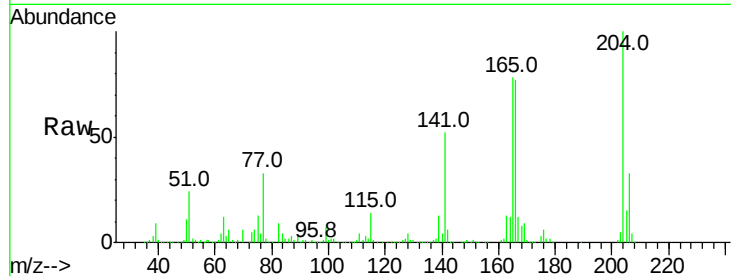
Instrument :
 BNA_G
 ClientSampleId :
 WC-102517MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.2	39.2
141	52.2	45.8	68.6

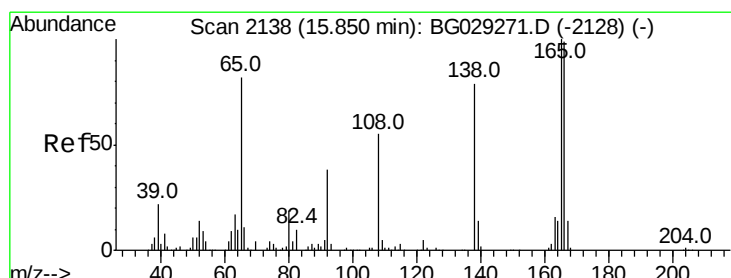
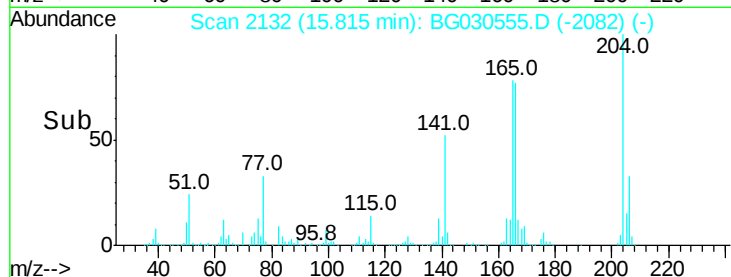
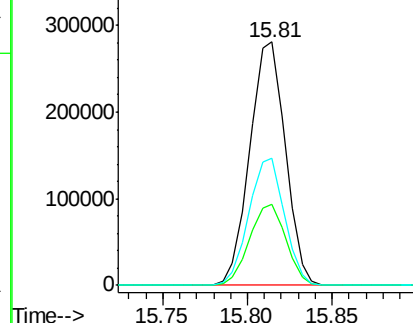
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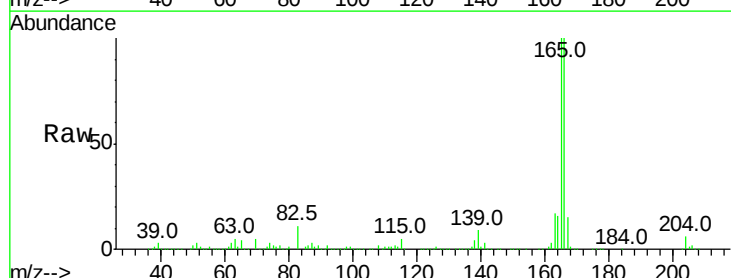


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

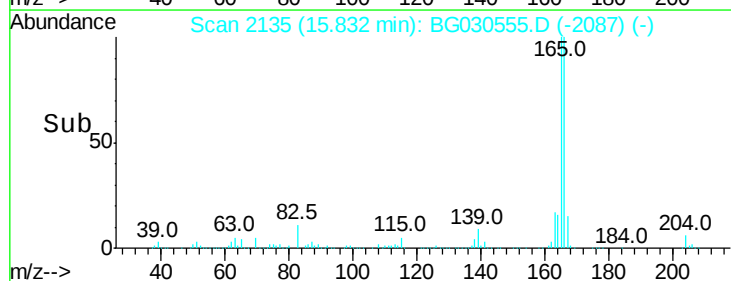
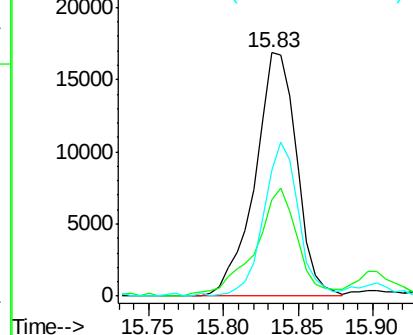


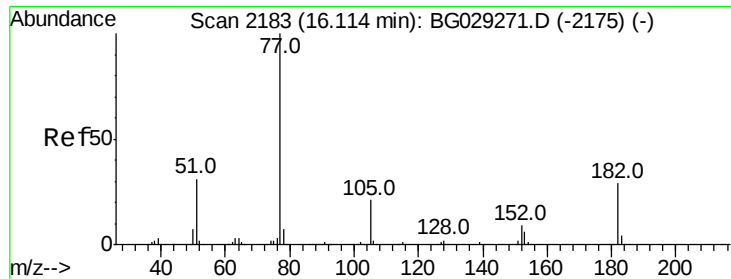
#61
 4-Nitroaniline
 Concen: 7.852 ng
 RT: 15.83 min Scan# 2135
 Delta R.T. -0.02 min
 Lab File: BG030555.D
 Acq: 29 Oct 2017 10:01

Tgt Ion	Ratio	Lower	Upper
138	100		
92	39.4	40.1	80.1#
108	51.7	65.4	105.4#



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





#62
Azobenzene
Concen: 46.351 ng
RT: 16.11 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BG030555.D
Acq: 29 Oct 2017 10:01

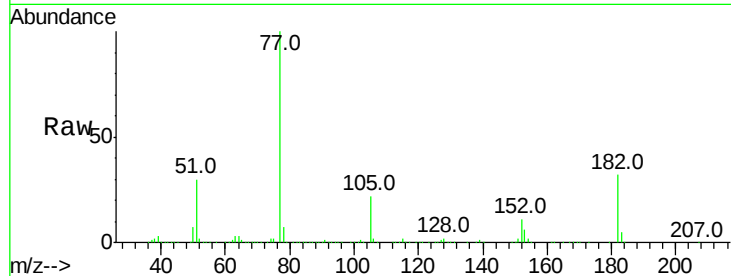
Instrument :
BNA_G
ClientSampleId :
WC-102517MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		697307		
182	32.0	7.4	47.4		
105	22.2	0.3	40.3		
51	29.9	11.6	51.6		

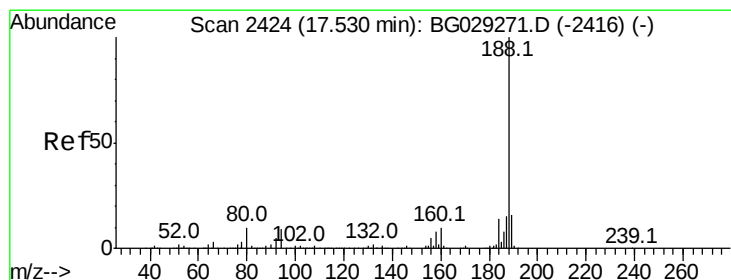
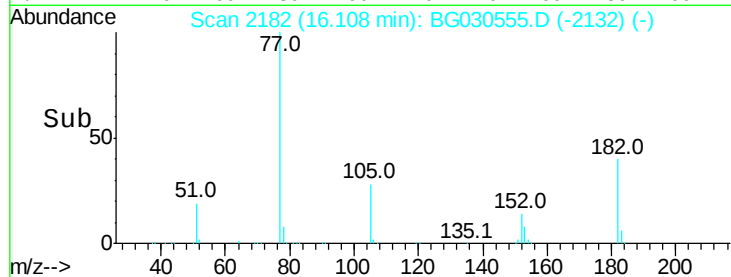
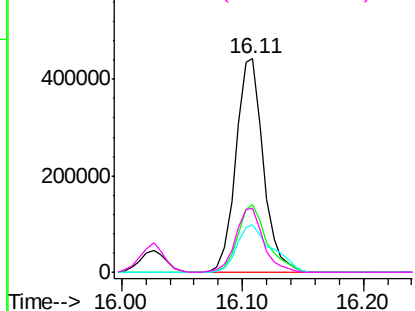
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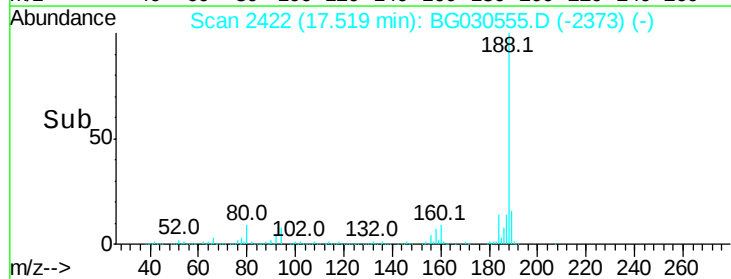
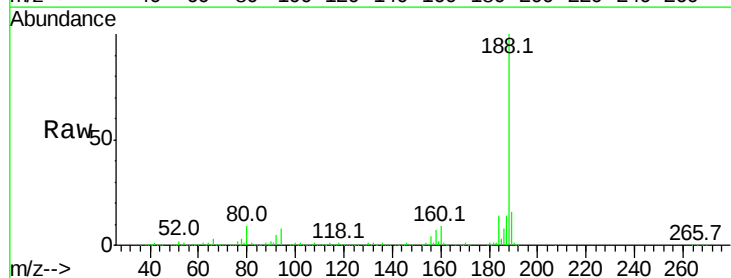
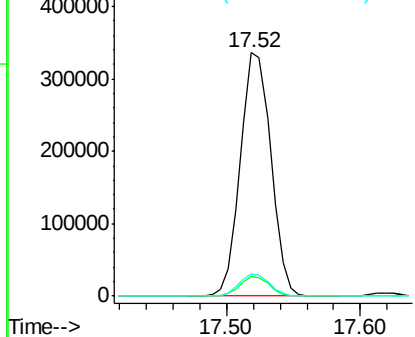
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

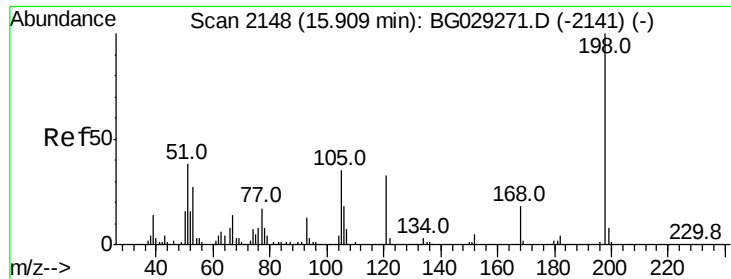


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG030555.D
Acq: 29 Oct 2017 10:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		532403		
94	8.0	6.9	10.3		
80	9.1	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: 44.346 ng
 RT: 15.90 min Scan# 2147
 Delta R.T. -0.01 min
 Lab File: BG030555.D
 Acq: 29 Oct 2017 10:01

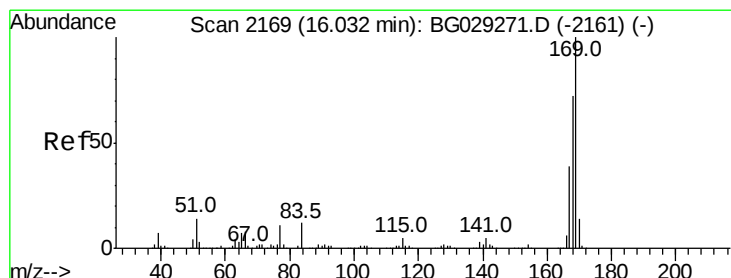
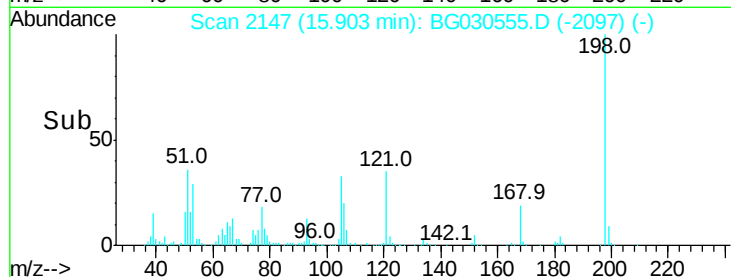
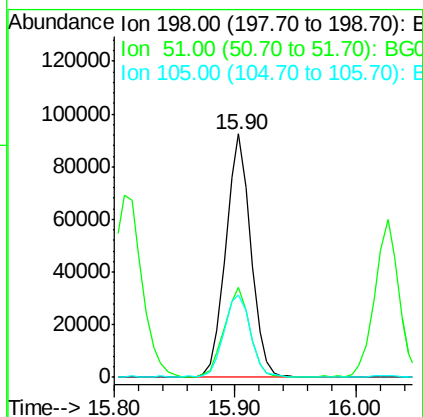
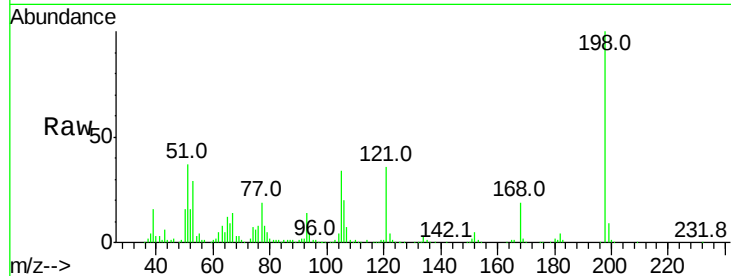
Instrument :
 BNA_G
 ClientSampleId :
 WC-102517MS

Tot Ion:	198	Resp:	132977
Ion Ratio	Lower	Upper	
198	100		
51	36.9	30.6	70.6
105	34.0	23.8	63.8

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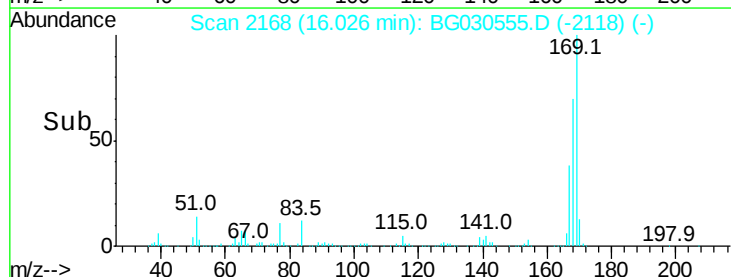
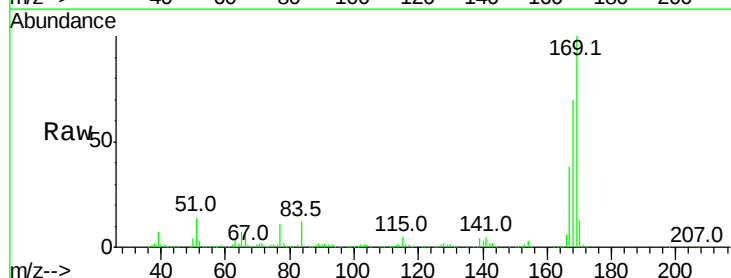
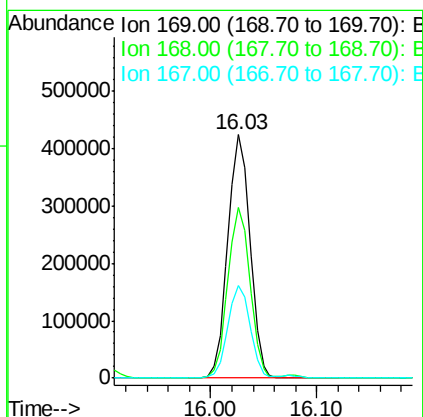
Sonni

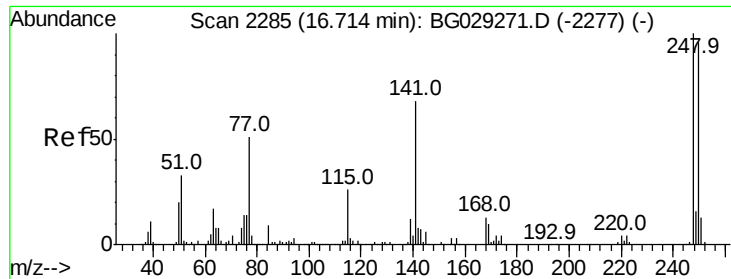
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#65
 n-Nitrosodiphenylamine
 Concen: 38.738 ng
 RT: 16.03 min Scan# 2168
 Delta R.T. -0.01 min
 Lab File: BG030555.D
 Acq: 29 Oct 2017 10:01

Tgt Ion:	169	Resp:	617819
Ion Ratio	Lower	Upper	
169	100		
168	70.3	55.7	83.5
167	38.3	30.1	45.1



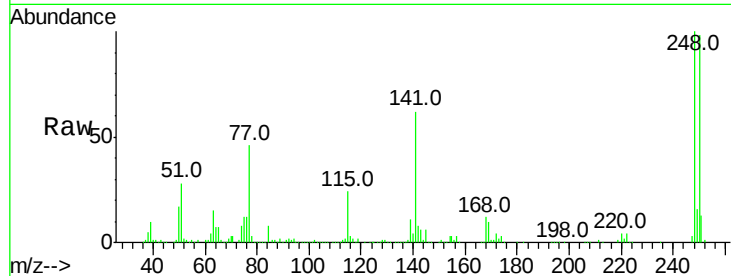


#66
 4-Bromophenyl-phenylether
 Concen: 44.101 ng
 RT: 16.71 min Scan# 2284
 Delta R.T. -0.01 min
 Lab File: BG030555.D
 Acq: 29 Oct 2017 10:01

Instrument :
 BNA_G
 ClientSampleId :
 WC-102517MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.5	77.1	115.7
141	61.7	50.8	76.2

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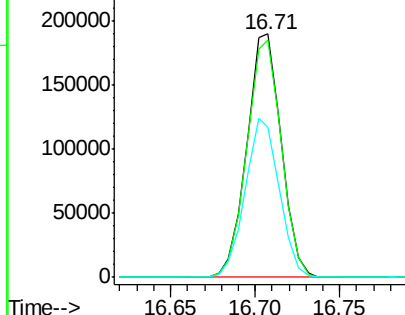
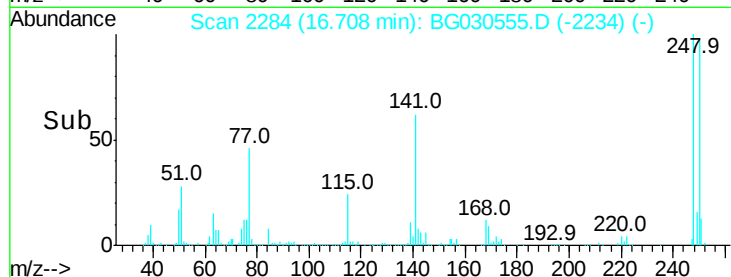


Abundance

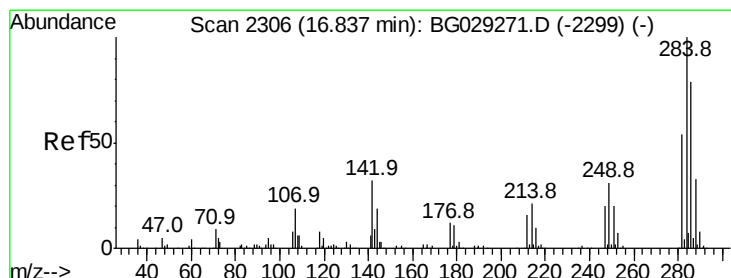
Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

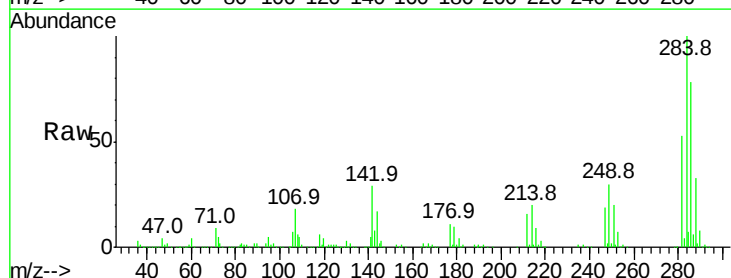


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#67
 Hexachlorobenzene
 Concen: 41.286 ng
 RT: 16.83 min Scan# 2305
 Delta R.T. -0.01 min
 Lab File: BG030555.D
 Acq: 29 Oct 2017 10:01

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.4	26.8	40.2
249	30.4	26.3	39.5

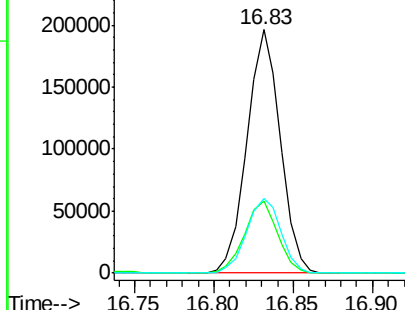
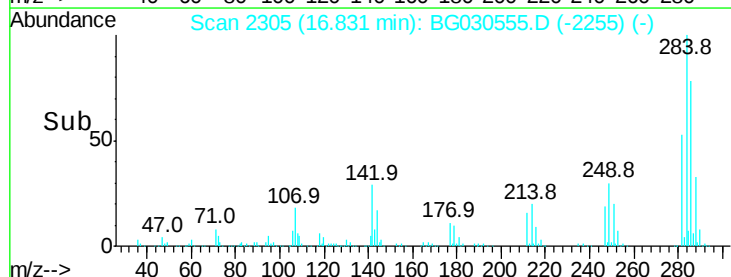


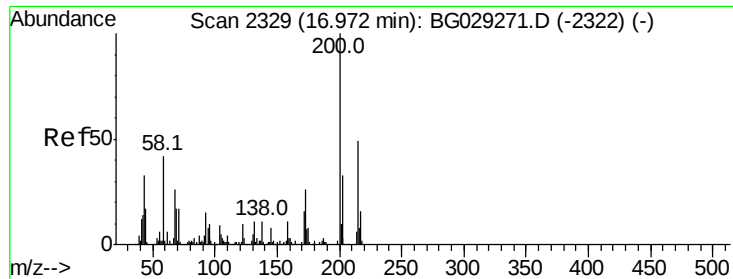
Abundance

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: 37.600 ng
RT: 16.97 min Scan# 2328
Delta R.T. -0.01 min
Lab File: BG030555.D
Acq: 29 Oct 2017 10:01

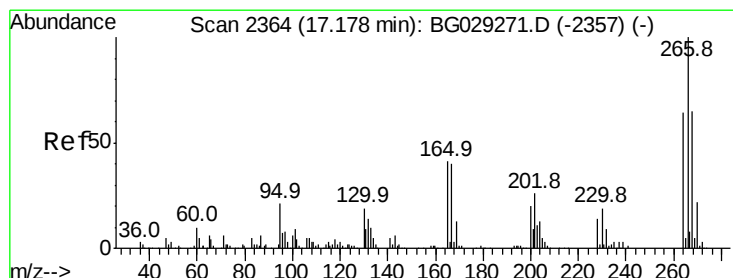
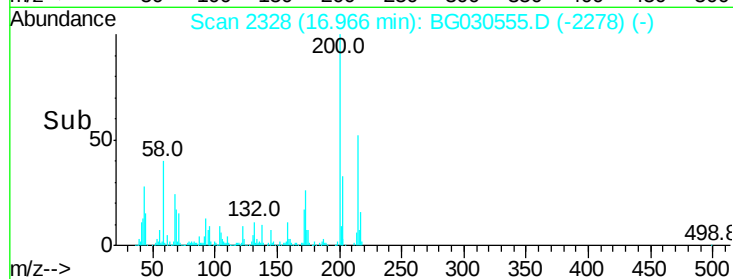
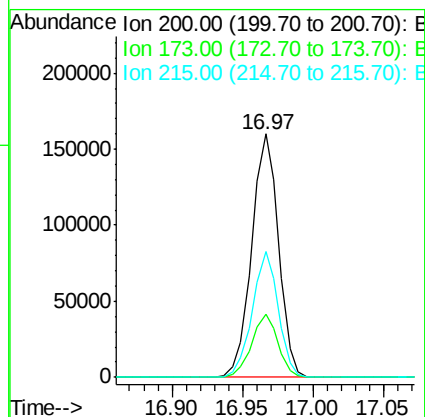
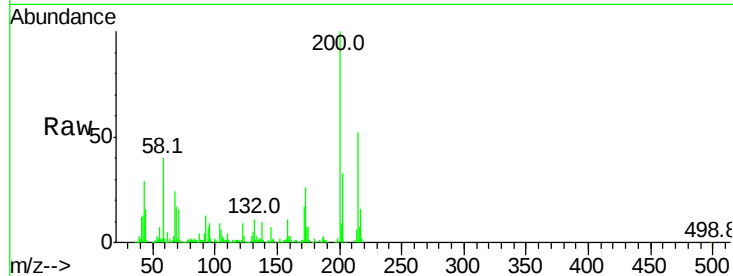
Instrument :
BNA_G
ClientSampleId :
WC-102517MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.7	5.2	45.2
215	51.9	30.4	70.4

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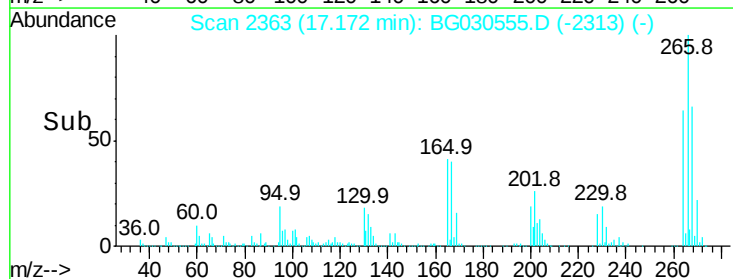
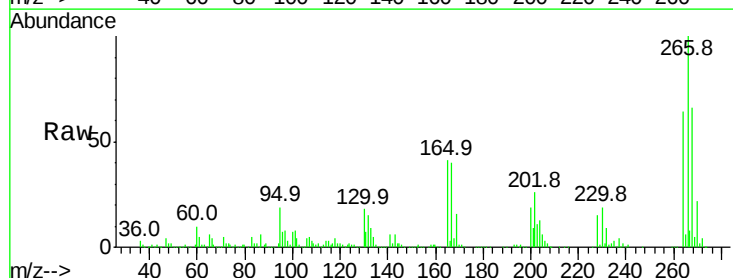
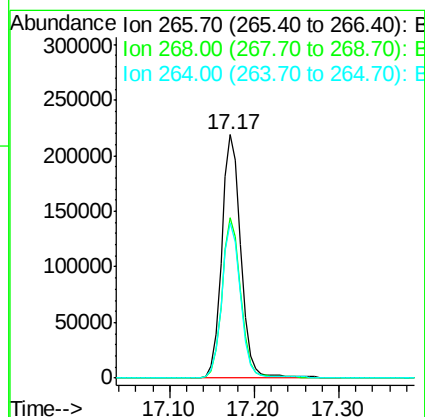
Sonali

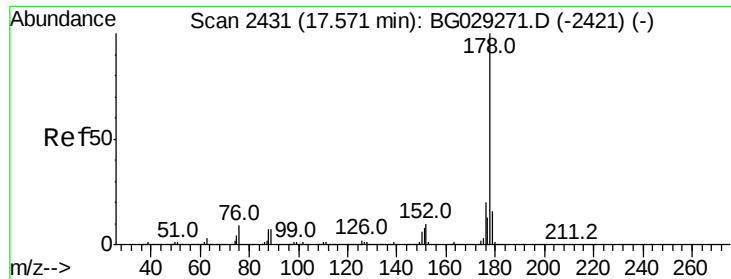
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#69
Pentachlorophenol
Concen: 86.925 ng
RT: 17.17 min Scan# 2363
Delta R.T. -0.01 min
Lab File: BG030555.D
Acq: 29 Oct 2017 10:01

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.0	51.1	76.7
264	64.0	49.6	74.4





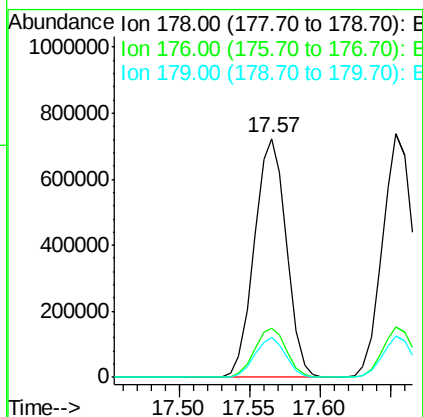
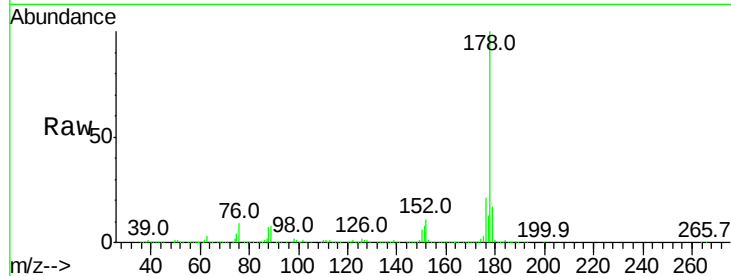
#70
Phenanthrene
Concen: 41.800 ng
RT: 17.57 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BG030555.D
Acq: 29 Oct 2017 10:01

Instrument :
BNA_G
ClientSampleId :
WC-102517MS

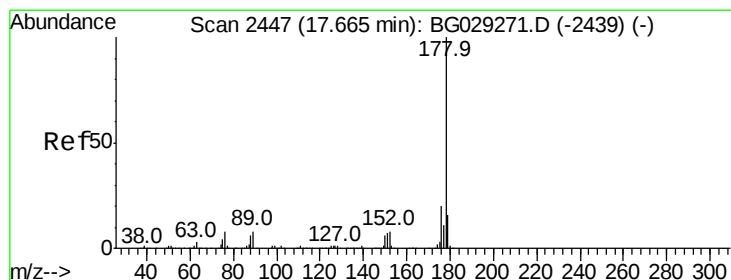
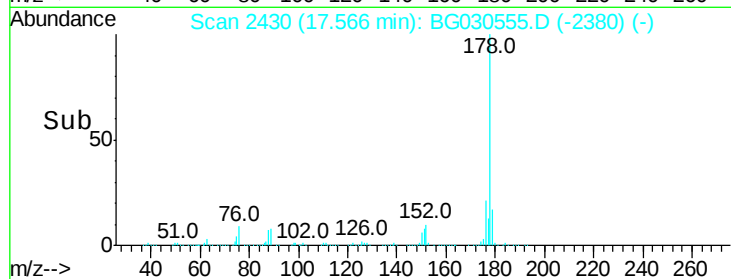
Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	20.5	15.7	23.5	
179	17.1	12.5	18.7	

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Sum

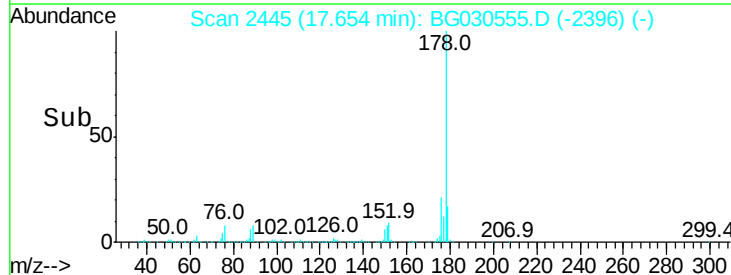
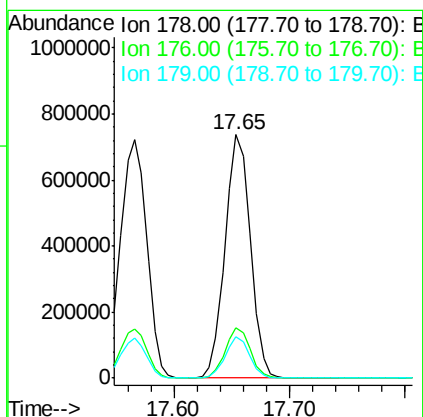
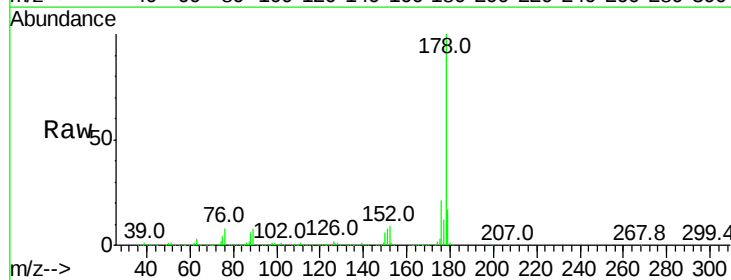


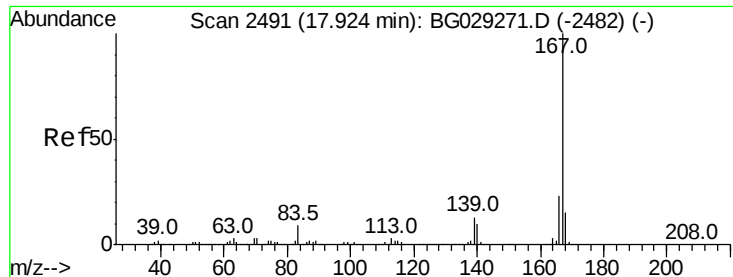
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#71
Anthracene
Concen: 40.614 ng
RT: 17.65 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG030555.D
Acq: 29 Oct 2017 10:01

Tgt Ion	Ion	Ratio	Lower	Upper
178	100			
176	20.7	16.0	24.0	
179	17.0	12.5	18.7	





#72

Carbazole

Concen: 40.008 ng

RT: 17.92 min Scan# 2490

Delta R.T. -0.01 min

Lab File: BG030555.D

Acq: 29 Oct 2017 10:01

Instrument :

BNA_G

ClientSampleId :

WC-102517MS

Tot Ion:167 Resp: 1061411

Ion Ratio Lower Upper

167 100

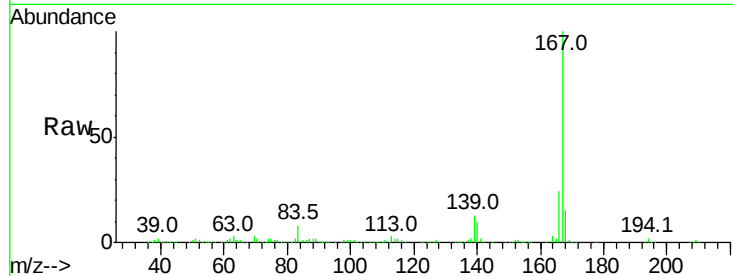
166 23.9 18.2 27.4

139 13.2 9.4 14.2

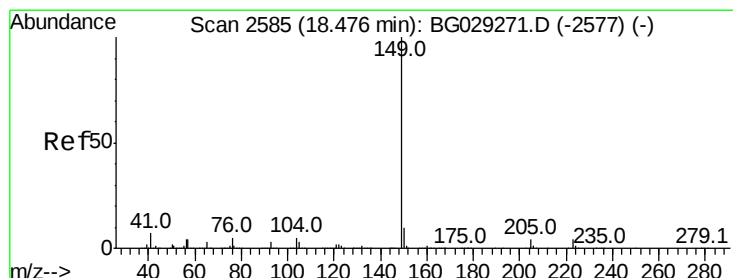
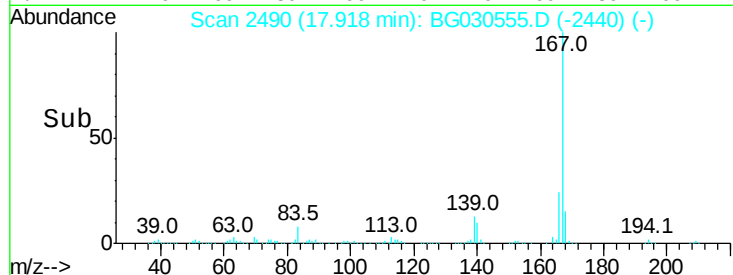
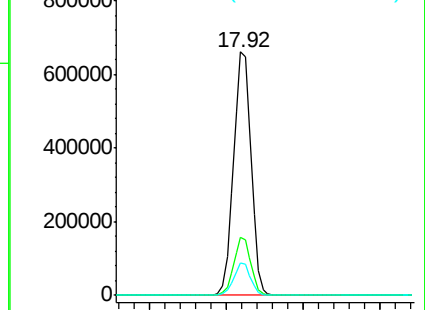
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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 41.151 ng

RT: 18.46 min Scan# 2583

Delta R.T. -0.01 min

Lab File: BG030555.D

Acq: 29 Oct 2017 10:01

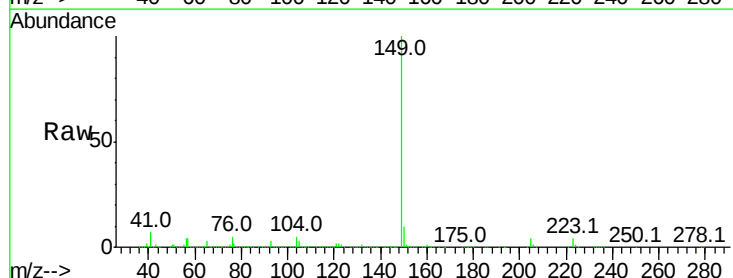
Tgt Ion:149 Resp: 1255616

Ion Ratio Lower Upper

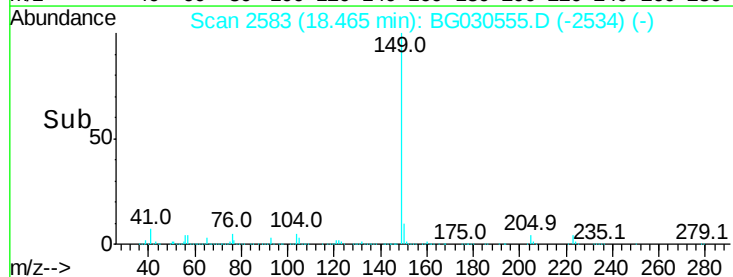
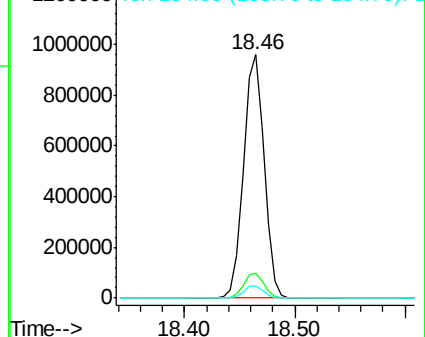
149 100

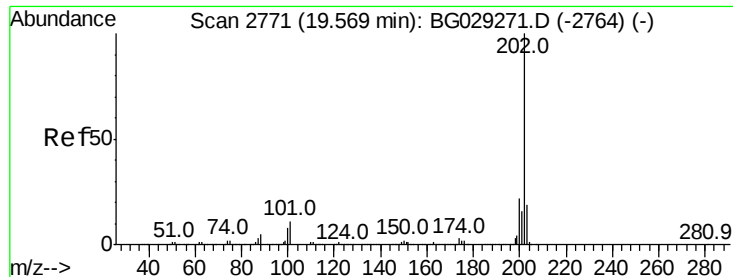
150 10.3 7.8 11.6

104 5.0 3.9 5.9



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





#74

Fluoranthene

Concen: 42.661 ng

RT: 19.56 min Scan# 2770

Delta R.T. -0.01 min

Lab File: BG030555.D

Acq: 29 Oct 2017 10:01

Instrument :

BNA_G

ClientSampleId :

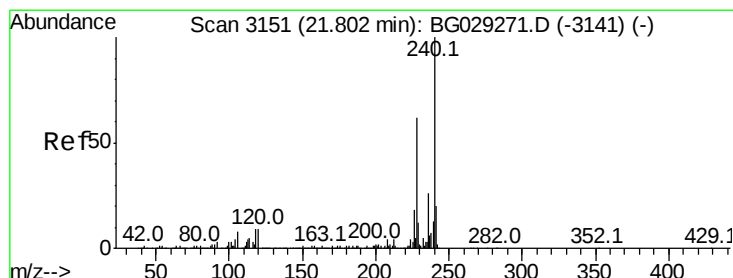
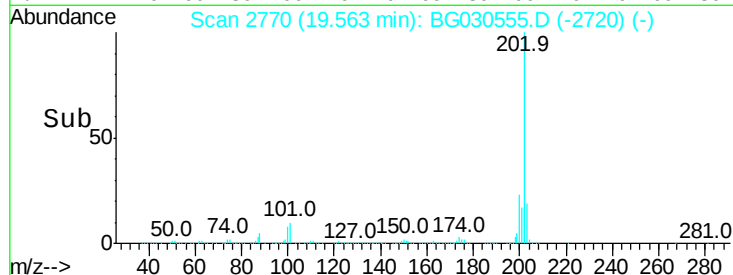
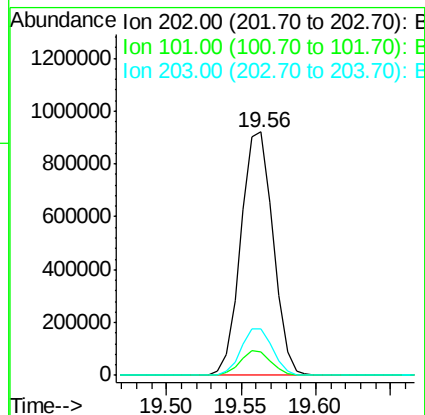
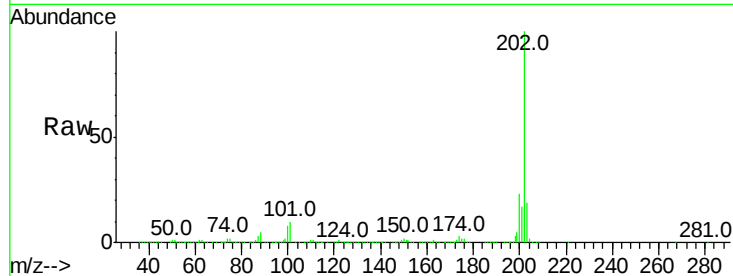
WC-102517MS

Tot Ion:	202	Resp:	1372390
Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	28.9
203	18.9	0.0	37.5

Manual Integrations
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Sonali

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#75

Chrysene-d12

Concen: 20.000 ng

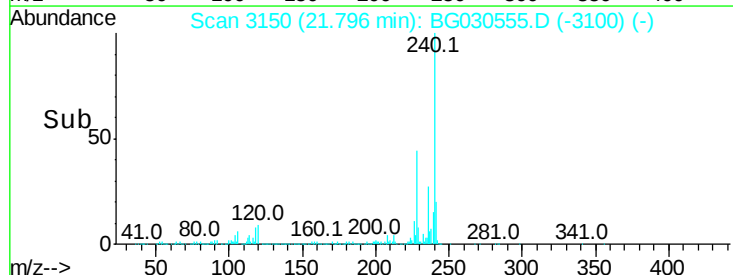
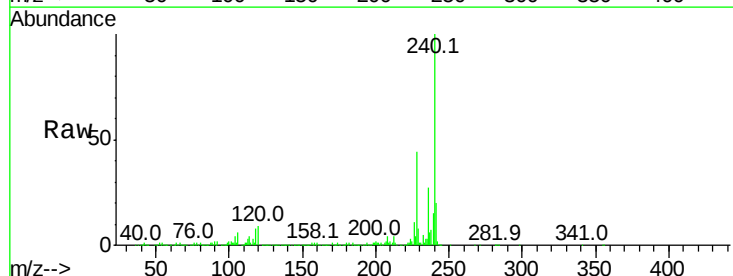
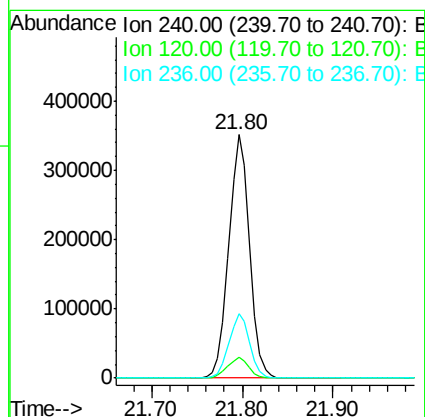
RT: 21.80 min Scan# 3150

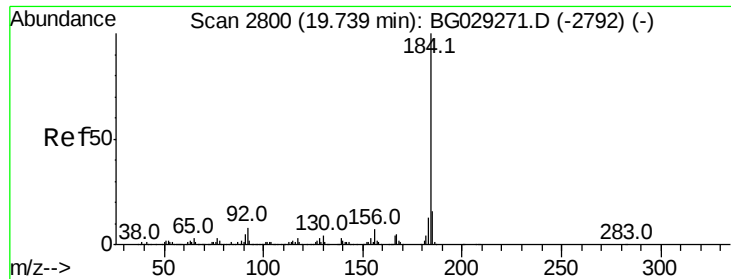
Delta R.T. -0.01 min

Lab File: BG030555.D

Acq: 29 Oct 2017 10:01

Tgt Ion:	240	Resp:	558143
Ion	Ratio	Lower	Upper
240	100		
120	8.7	6.8	10.2
236	26.5	20.9	31.3





#76
Benzidine
Concen: 2.272 ng
RT: 19.75 min Scan# 2802
Delta R.T. 0.01 min
Lab File: BG030555.D
Acq: 29 Oct 2017 10:01

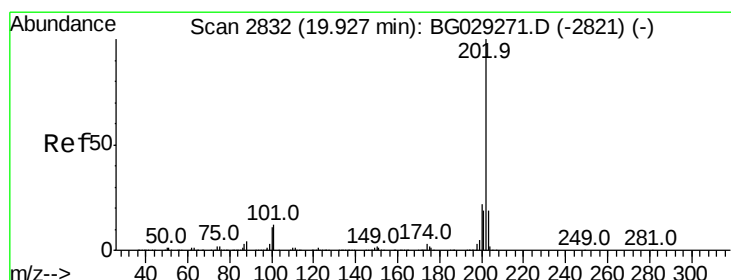
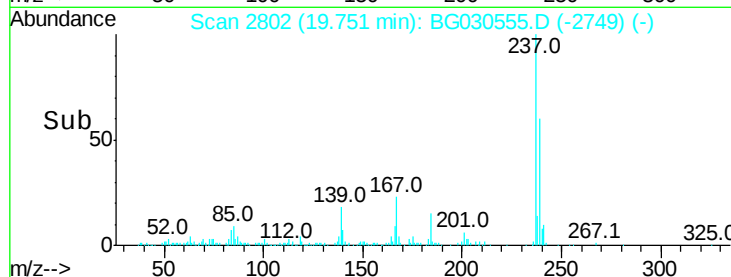
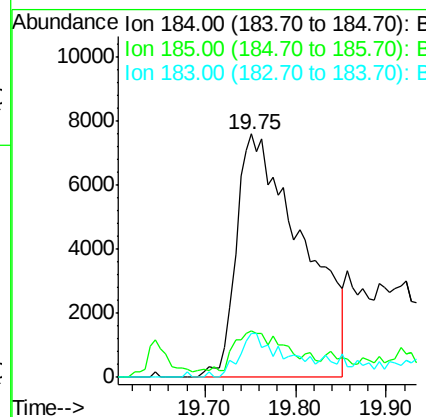
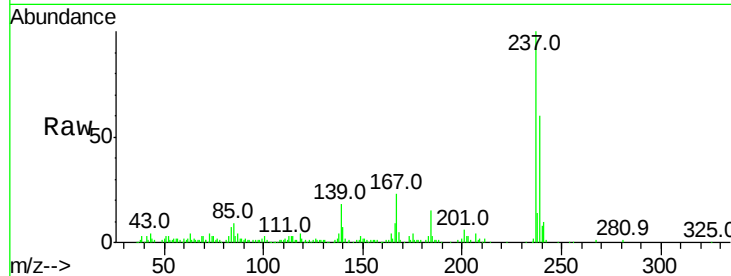
Instrument :
BNA_G
ClientSampleId :
WC-102517MS

Tot Ion	Ratio	Lower	Upper
184	100		
185	19.2	11.1	16.7#
183	18.1	10.6	16.0#

Manual Integrations
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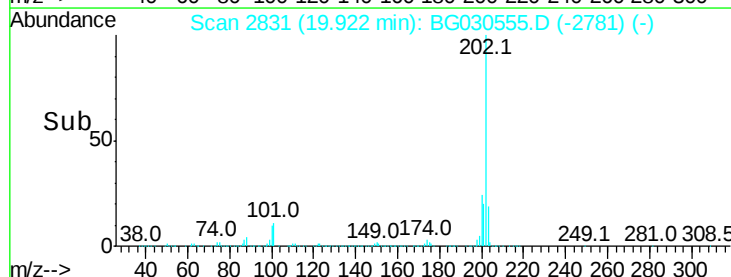
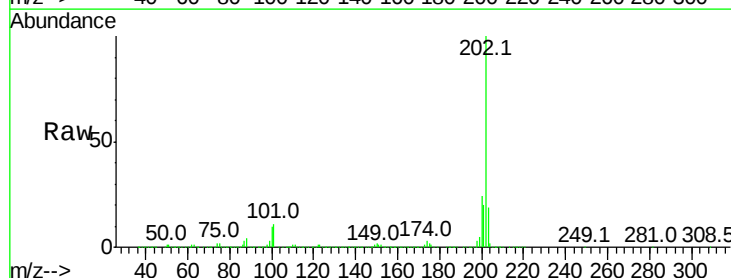
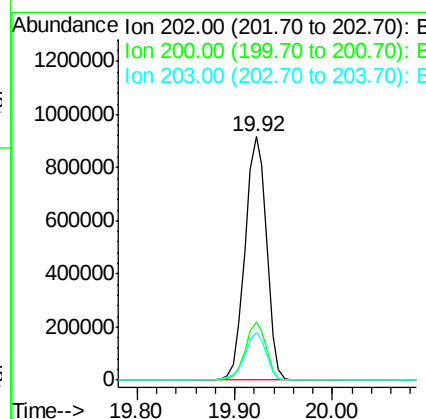
Sonali

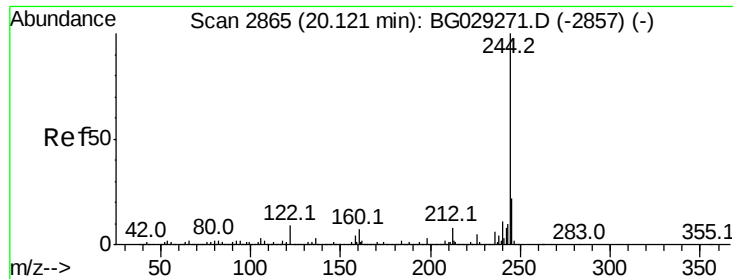
10/30/2017 6:26:25 PM



#77
Pyrene
Concen: 41.396 ng
RT: 19.92 min Scan# 2831
Delta R.T. -0.01 min
Lab File: BG030555.D
Acq: 29 Oct 2017 10:01

Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.6	16.9	25.3
203	19.4	13.9	20.9





#78
 Terphenyl-d14
 Concen: 81.606 ng
 RT: 20.11 min Scan# 2863
 Delta R.T. -0.01 min
 Lab File: BG030555.D
 Acq: 29 Oct 2017 10:01

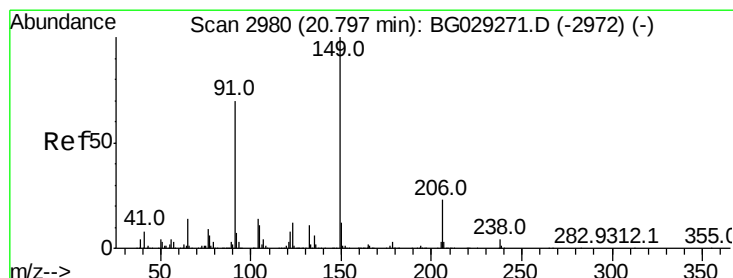
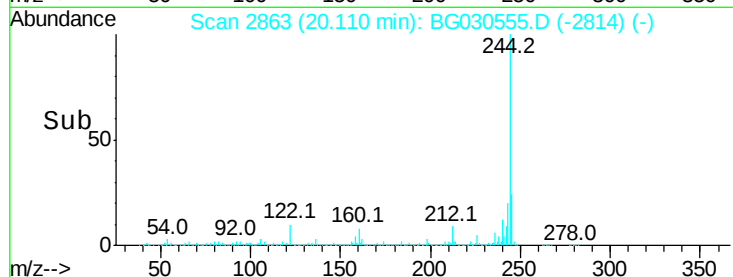
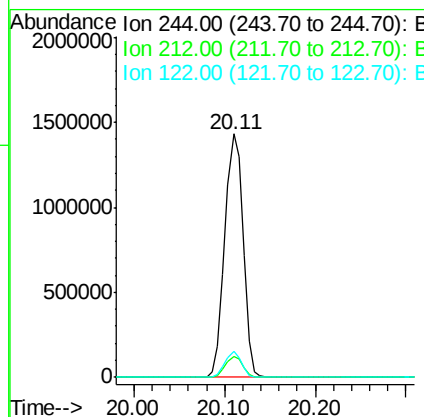
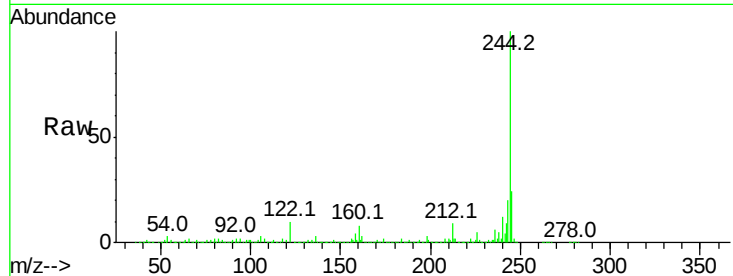
Instrument :
 BNA_G
 ClientSampleId :
 WC-102517MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.8	5.8	8.8
122	10.5	7.0	10.4

Manual Integrations
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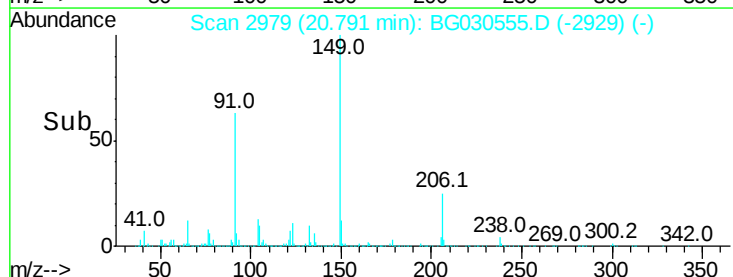
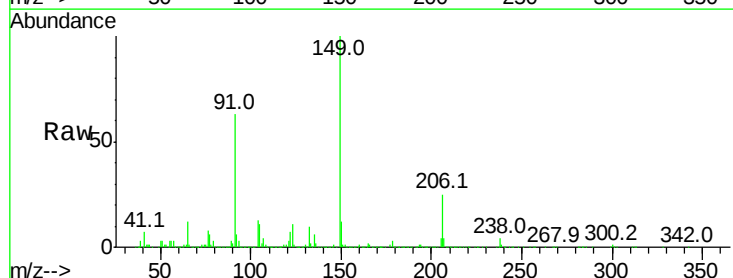
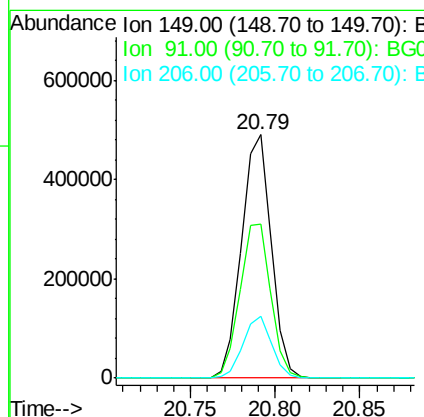
Sonali

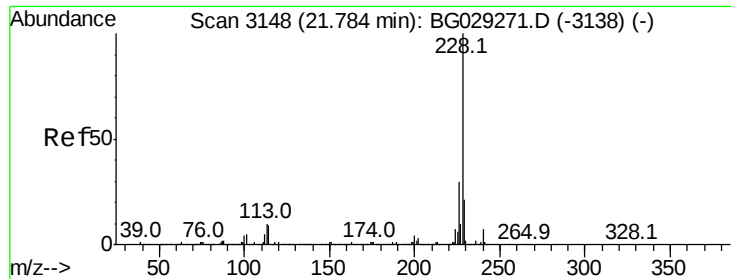
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#79
 Butylbenzylphthalate
 Concen: 41.791 ng
 RT: 20.79 min Scan# 2979
 Delta R.T. -0.01 min
 Lab File: BG030555.D
 Acq: 29 Oct 2017 10:01

Tgt Ion	Ratio	Lower	Upper
149	100		
91	63.5	62.2	93.2
206	25.2	18.6	27.8





#80
Benzo(a)anthracene
Concen: 42.878 ng
RT: 21.78 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG030555.D
Acq: 29 Oct 2017 10:01

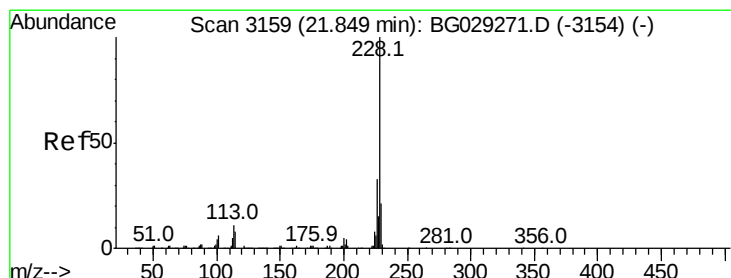
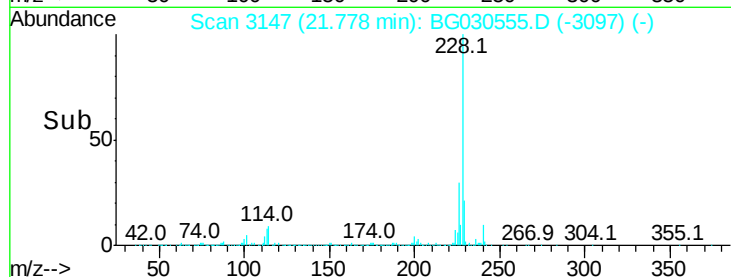
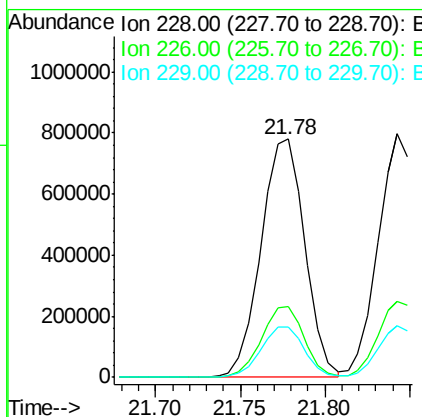
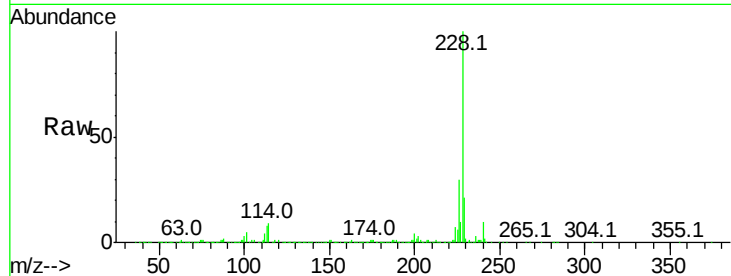
Instrument :
BNA_G
ClientSampleId :
WC-102517MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.7	34.1
229	21.3	16.2	24.2

Manual Integrations
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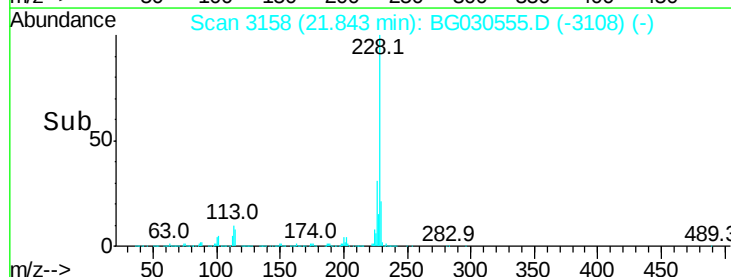
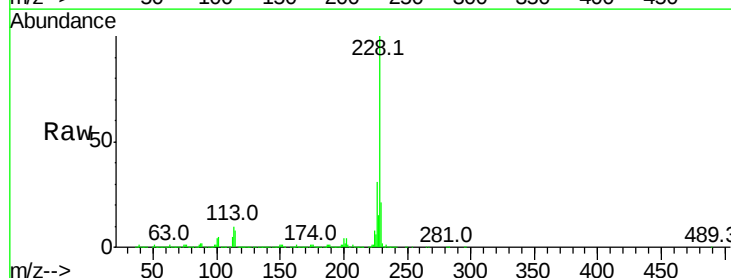
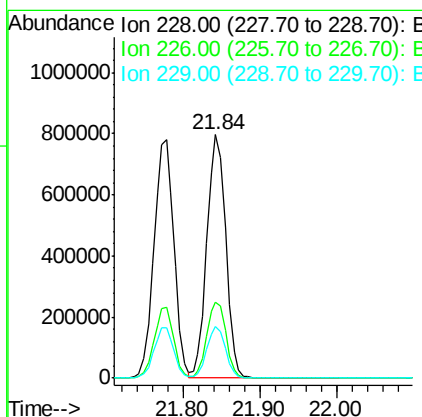
Sonni

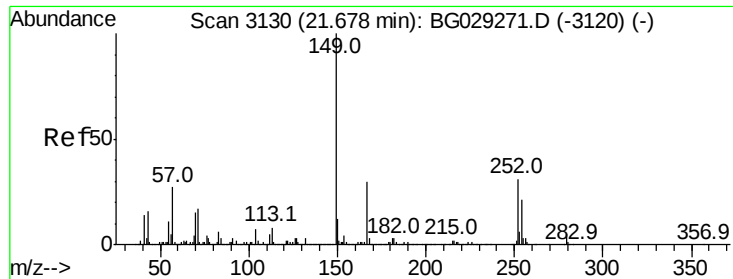
10/30/2017 6:26:25 PM



#82
Chrysene
Concen: 42.737 ng
RT: 21.84 min Scan# 3158
Delta R.T. -0.01 min
Lab File: BG030555.D
Acq: 29 Oct 2017 10:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.9	37.3
229	21.2	15.0	22.4





#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.991 ng
 RT: 21.66 min Scan# 3127
 Delta R.T. -0.02 min
 Lab File: BG030555.D
 Acq: 29 Oct 2017 10:01

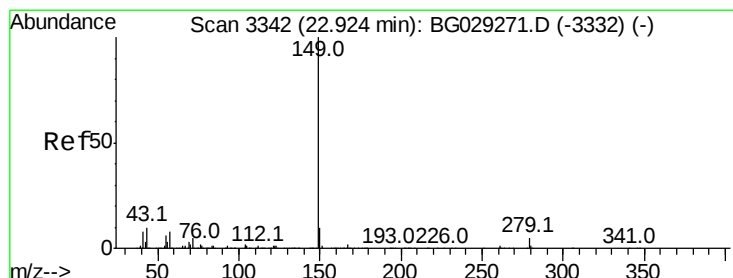
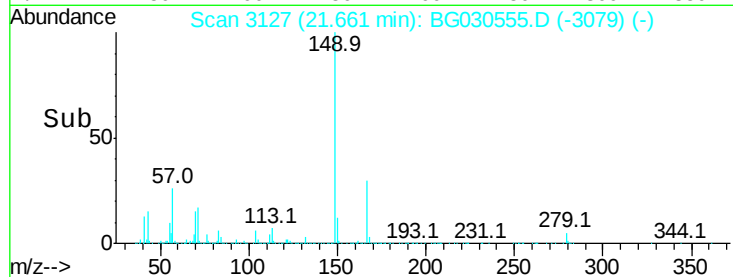
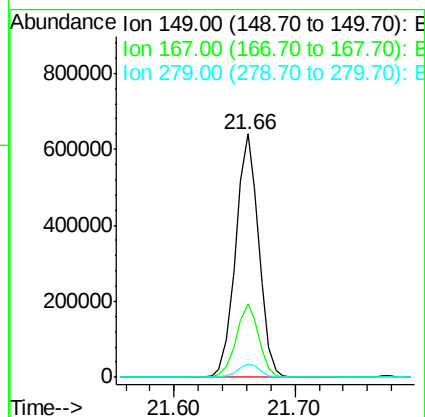
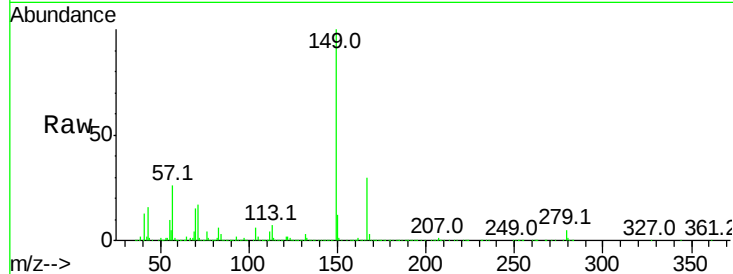
Instrument :
 BNA_G
 ClientSampleId :
 WC-102517MS

Tot Ion:	149	Resp:	848585
Ion Ratio	Lower	Upper	
149	100		
167	30.3	24.3	36.5
279	5.5	4.0	6.0

Manual Integrations
 APPROVED

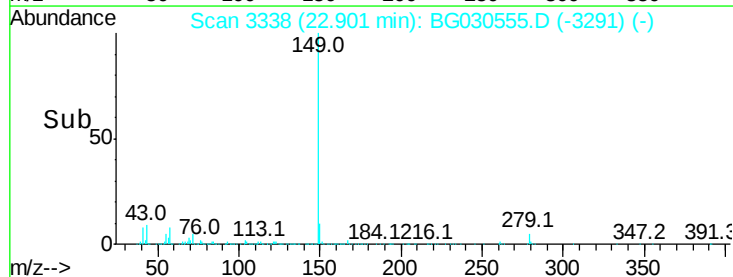
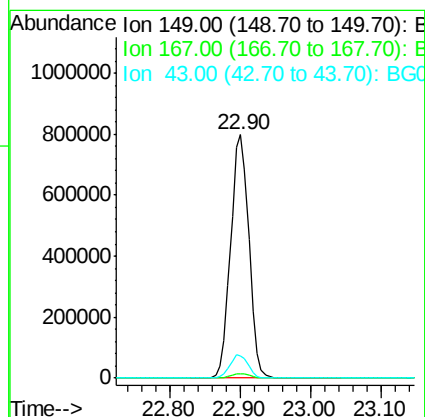
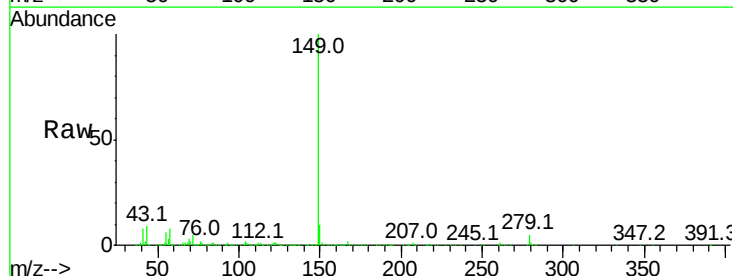
Sonni

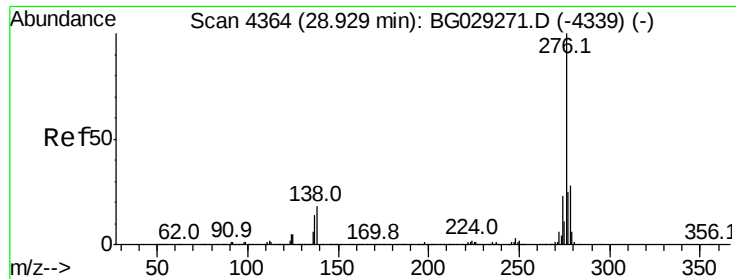
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#84
 Di-n-octyl phthalate
 Concen: 39.672 ng
 RT: 22.90 min Scan# 3338
 Delta R.T. -0.02 min
 Lab File: BG030555.D
 Acq: 29 Oct 2017 10:01

Tgt Ion:	149	Resp:	1431351
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.0
43	9.4	8.9	13.3





#85
Indeno(1,2,3-cd)pyrene
Concen: 44.357 ng
RT: 28.91 min Scan# 4360
Delta R.T. -0.02 min
Lab File: BG030555.D
Acq: 29 Oct 2017 10:01

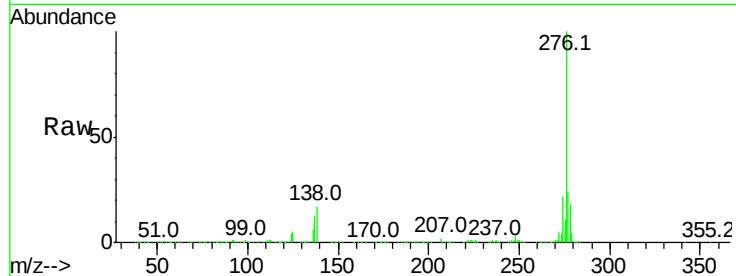
Instrument :
BNA_G
ClientSampleId :
WC-102517MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.0	16.0	24.0
277	26.1	20.0	30.0

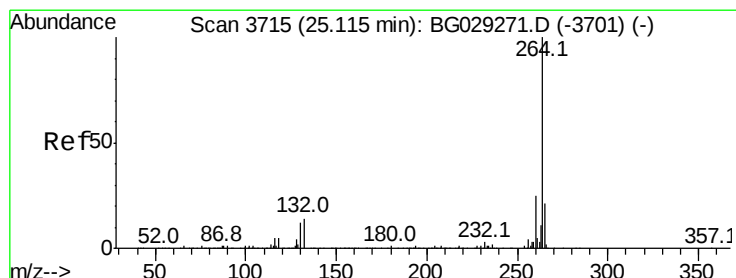
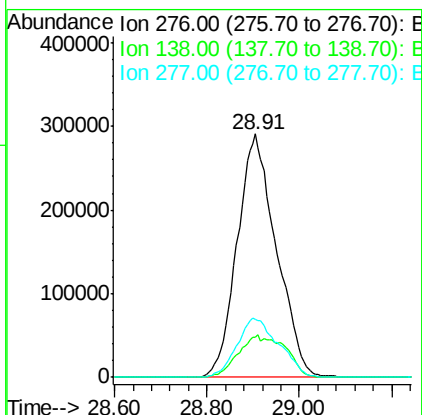
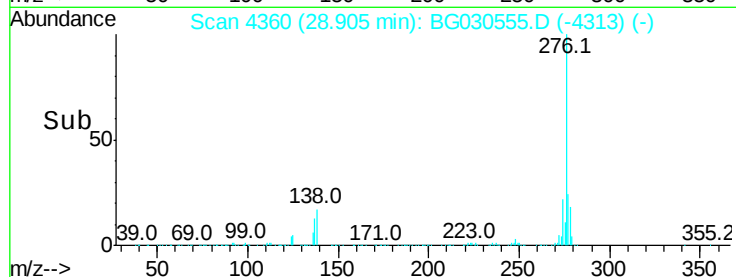
Manual Integrations
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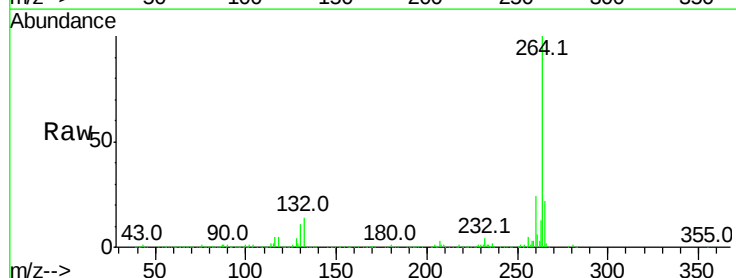


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

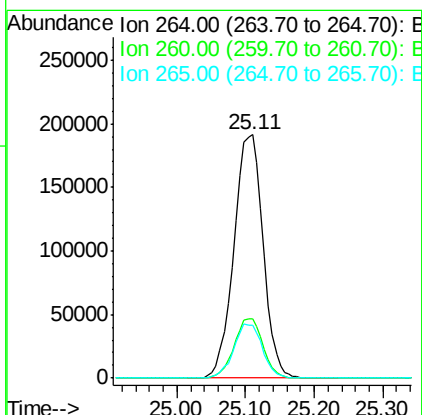
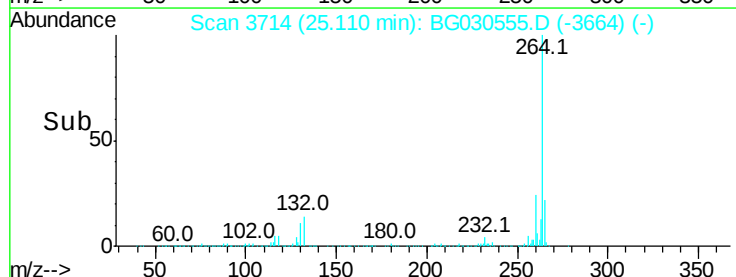


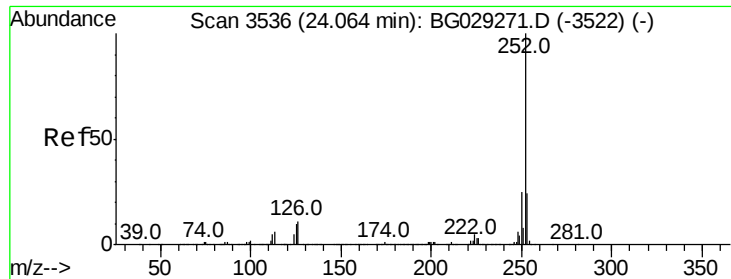
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3714
Delta R.T. -0.01 min
Lab File: BG030555.D
Acq: 29 Oct 2017 10:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.0
265	21.8	17.7	26.5



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





#87

Benzo(b)fluoranthene

Concen: 44.960 ng

RT: 24.05 min Scan# 3534

Delta R.T. -0.01 min

Lab File: BG030555.D

Acq: 29 Oct 2017 10:01

Instrument :

BNA_G

ClientSampleId :

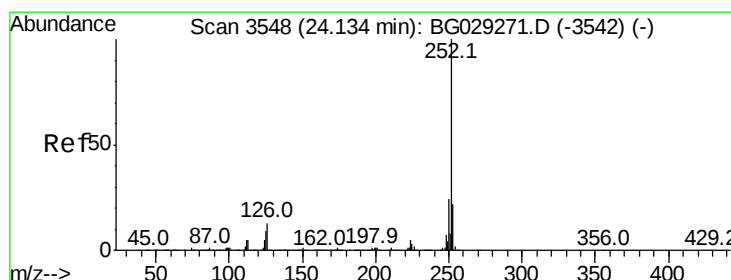
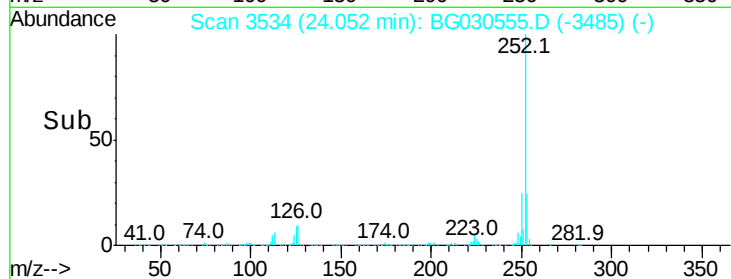
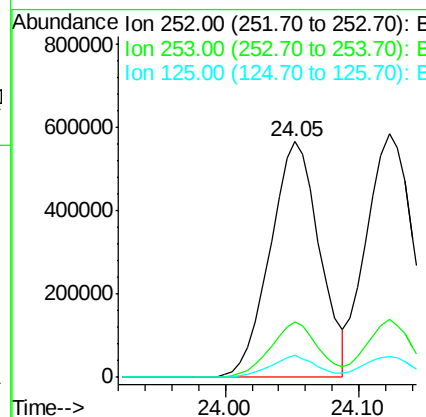
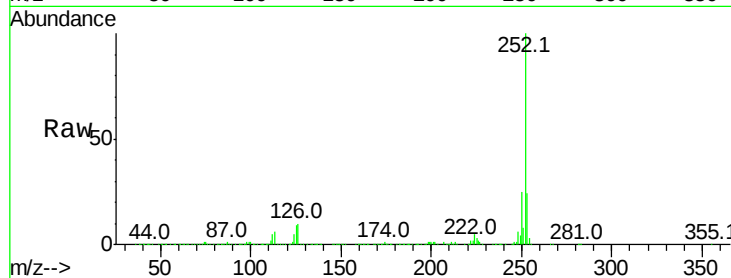
WC-102517MS

Tot Ion:252	Resp: 1453453		
Ion Ratio	Lower	Upper	
252	100		
253	23.6	18.2	27.4
125	9.2	7.2	10.8

Manual Integrations
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Sonali

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#88

Benzo(k)fluoranthene

Concen: 43.448 ng

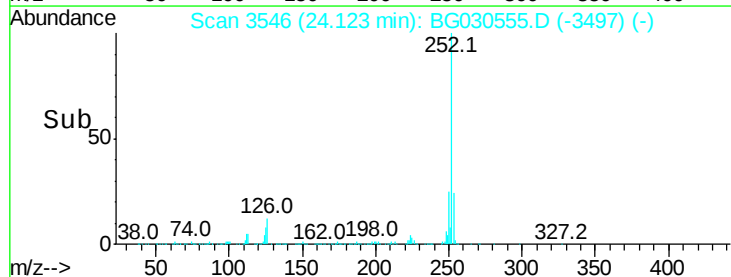
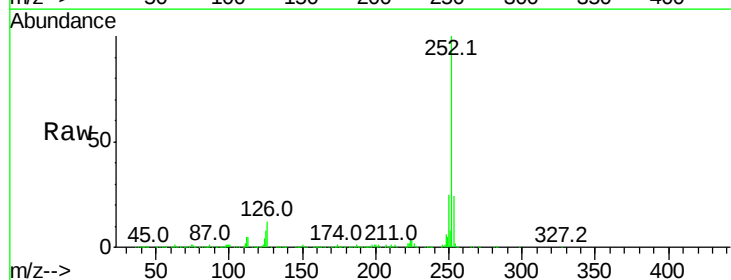
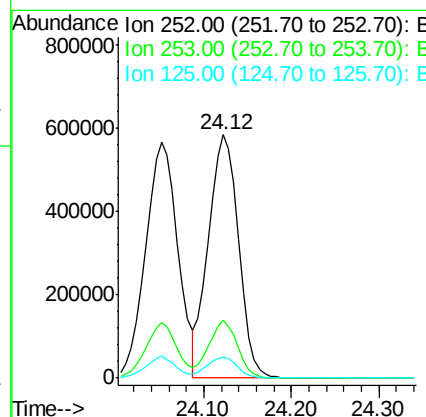
RT: 24.12 min Scan# 3546

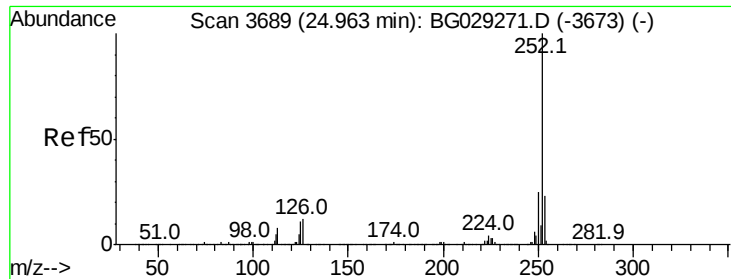
Delta R.T. -0.01 min

Lab File: BG030555.D

Acq: 29 Oct 2017 10:01

Tgt Ion	252	Resp: Lower	1399314 Upper
252	100		
253	23.9	17.4	26.2
125	8.5	6.6	9.8





#89
Benzo(a)pyrene
Concen: 42.839 ng
RT: 24.95 min Scan# 3687
Delta R.T. -0.01 min
Lab File: BG030555.D
Acq: 29 Oct 2017 10:01

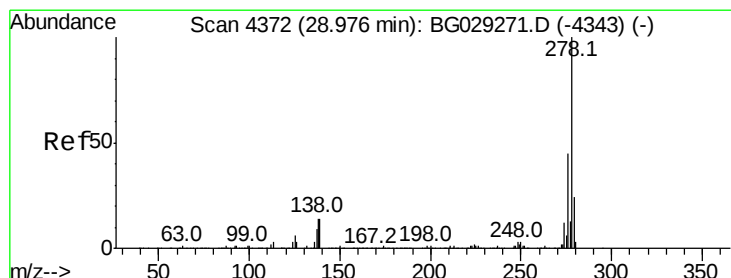
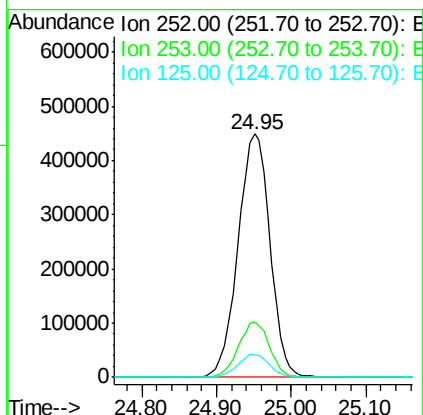
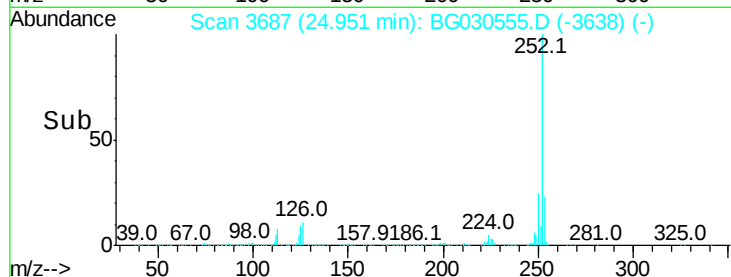
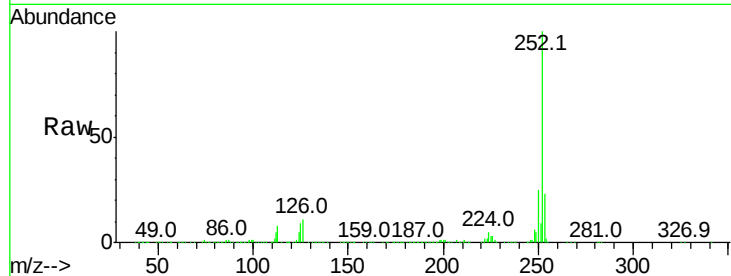
Instrument :
BNA_G
ClientSampleId :
WC-102517MS

Tot Ion:	252	Resp:	1331361
Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.3	27.5
125	9.3	7.3	10.9

Manual Integrations
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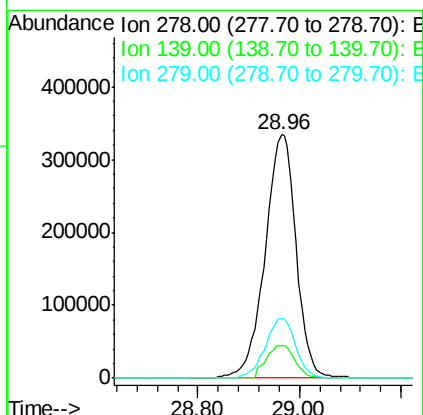
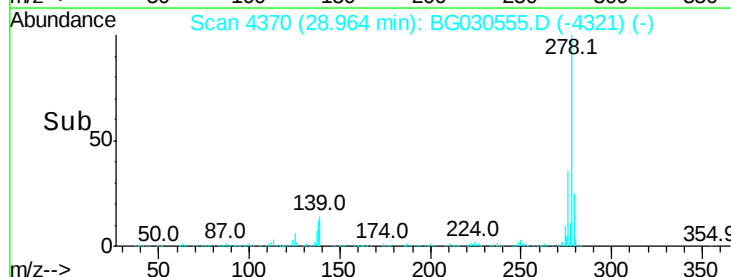
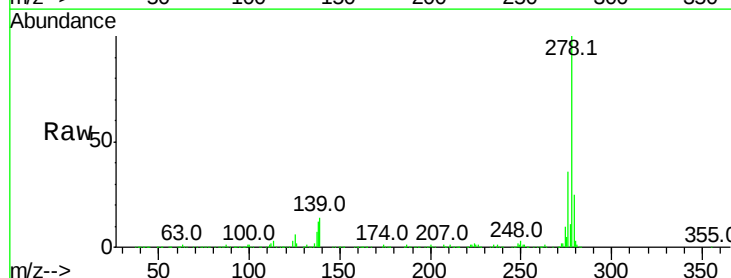
Sonali

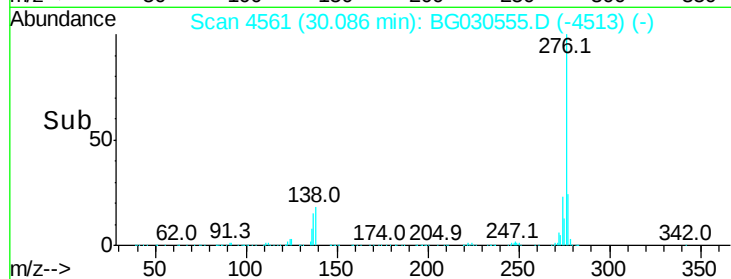
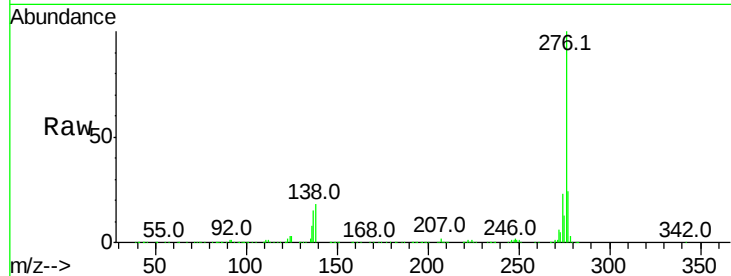
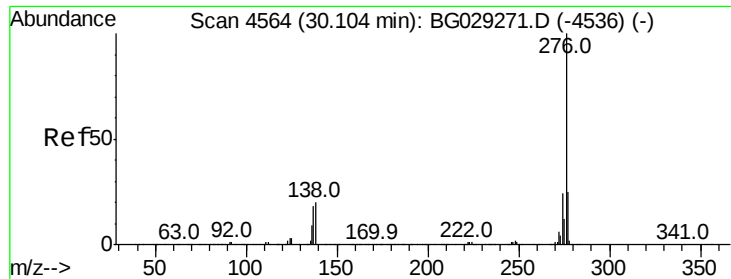
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#90
Dibenzo(a,h)anthracene
Concen: 45.134 ng
RT: 28.96 min Scan# 4370
Delta R.T. -0.01 min
Lab File: BG030555.D
Acq: 29 Oct 2017 10:01

Tgt Ion:	278	Resp:	1420079
Ion	Ratio	Lower	Upper
278	100		
139	13.5	9.8	14.6
279	24.6	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 48.646 ng
 RT: 30.09 min Scan# 4561
 Delta R.T. -0.02 min
 Lab File: BG030555.D
 Acq: 29 Oct 2017 10:01

Tot Ion:	276	Resp:	1422143
Ion Ratio	Lower	Upper	
276	100		
277	23.9	18.3	27.5
138	18.2	13.9	20.9

Instrument :
 BNA_G
 ClientSampleId :
 WC-102517MS

Manual Integrations
 APPROVED

Sonni

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