

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
 Data File : BG023907.D
 Acq On : 25 Aug 2016 23:36
 Operator : UM/SJ
 Sample : H4588-04MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-04MS

Manual Integrations
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8/26/2016 5:56:02 PM

Quant Time: Aug 26 01:46:54 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 24 17:42:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	139034	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	608191	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	382875	20.00	ng	0.00
63) Phenanthrene-d10	17.53	188	826525	20.00	ng	0.00
75) Chrysene-d12	21.85	240	841766	20.00	ng	0.00
86) Perylene-d12	25.23	264	855603	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	464649	56.25	ng	0.00
7) Phenol-d6	7.26	99	465337	36.17	ng	0.00
23) Nitrobenzene-d5	9.27	82	919775	75.18	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	487118	86.98	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	1709604	75.31	ng	0.00
78) Terphenyl-d14	20.14	244	1920070	67.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	46611	13.25	ng	87
3) Pyridine	3.91	79	137572	11.90	ng	96
4) n-Nitrosodimethylamine	3.82	42	77793	18.14	ng	# 76
6) Aniline	7.41	93	204343	10.99	ng	95
8) 2-Chlorophenol	7.66	128	280754	29.59	ng	99
9) Benzaldehyde	7.22	77	86662	9.05	ng	88
10) Phenol	7.29	94	178801	12.99	ng	91
11) bis(2-Chloroethyl)ether	7.50	93	360448	32.83	ng	91
12) 1,3-Dichlorobenzene	7.98	146	342692	31.54	ng	95
13) 1,4-Dichlorobenzene	8.13	146	349786	31.45	ng	94
14) 1,2-Dichlorobenzene	8.45	146	333514	30.57	ng	95
15) Benzyl Alcohol	8.34	79	275743	28.29	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.62	45	506638	31.38	ng	90
17) 2-Methylphenol	8.55	107	235374	25.51	ng	92
18) Hexachloroethane	9.18	117	137899	32.94	ng	98
19) n-Nitroso-di-n-propylamine	8.90	70	353328	31.93	ng	97
20) 3+4-Methylphenols	8.88	107	294802	22.66	ng	92
22) Acetophenone	8.92	105	507272	30.46	ng	# 92
24) Nitrobenzene	9.32	77	502144	37.07	ng	92
25) Isophorone	9.83	82	911243	35.76	ng	# 94
26) 2-Nitrophenol	10.03	139	194406	34.00	ng	# 81
27) 2,4-Dimethylphenol	10.09	122	313439	32.20	ng	92
28) bis(2-Chloroethoxy)methane	10.32	93	505990	33.03	ng	98
29) 2,4-Dichlorophenol	10.58	162	340950	34.83	ng	99
30) 1,2,4-Trichlorobenzene	10.79	180	357520	33.87	ng	97
31) Naphthalene	10.98	128	1039855	33.58	ng	100
32) Benzoic acid	10.22	122	62132	12.44	ng	93
33) 4-Chloroaniline	11.10	127	146675	9.91	ng	95
34) Hexachlorobutadiene	11.25	225	232473	33.48	ng	95
35) Caprolactam	11.91	113	26950	6.54	ng	96
36) 4-Chloro-3-methylphenol	12.23	107	387720	30.15	ng	92
37) 2-Methylnaphthalene	12.58	142	788972m	33.51	ng	
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	380835	27.43	ng	99
40) Hexachlorocyclopentadiene	12.92	237	213521	30.50	ng	99

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Manual Integrations
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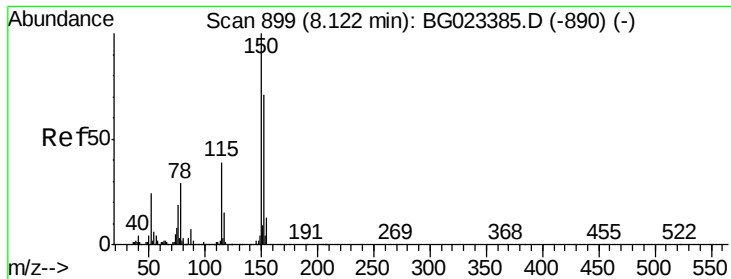
8/26/2016 5:56:02 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	13.20	196	289657	35.02	ng	96
43) 2,4,5-Trichlorophenol	13.28	196	295591	34.72	ng	# 91
45) 1,1'-Biphenyl	13.59	154	926175	31.64	ng	97
46) 2-Chloronaphthalene	13.64	162	804978	35.55	ng	95
47) 2-Nitroaniline	13.85	65	333002	35.42	ng	89
48) Acenaphthylene	14.49	152	1212328	33.87	ng	99
49) Dimethylphthalate	14.22	163	1235147	42.05	ng	99
50) 2,6-Dinitrotoluene	14.35	165	239297	34.40	ng	89
51) Acenaphthene	14.83	154	812375	35.83	ng	99
52) 3-Nitroaniline	14.69	138	100331	12.79	ng	# 77
53) 2,4-Dinitrophenol	14.90	184	251618	56.43	ng	92
54) Dibenzofuran	15.17	168	1257331	38.19	ng	96
55) 4-Nitrophenol	15.03	139	157315	25.53	ng	# 87
56) 2,4-Dinitrotoluene	15.14	165	334903	34.30	ng	94
57) Fluorene	15.82	166	1012536	35.25	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.40	232	275692m	35.28	ng	
59) Diethylphthalate	15.57	149	1079461	36.20	ng	98
60) 4-Chlorophenyl-phenylether	15.80	204	516677	33.99	ng	96
61) 4-Nitroaniline	15.86	138	187866	22.49	ng	# 69
62) Azobenzene	16.10	77	1184023	39.17	ng	94
64) 4,6-Dinitro-2-methylphenol	15.91	198	188080	33.47	ng	83
65) n-Nitrosodiphenylamine	16.03	169	914356	37.72	ng	95
66) 4-Bromophenyl-phenylether	16.70	248	344164	35.73	ng	96
67) Hexachlorobenzene	16.83	284	356013	33.78	ng	95
68) Atrazine	17.00	200	253681	27.25	ng	96
69) Pentachlorophenol	17.19	266	402596	65.52	ng	98
70) Phenanthrene	17.57	178	1561761	37.24	ng	99
71) Anthracene	17.67	178	1593626	37.78	ng	99
72) Carbazole	17.94	167	1440052	38.88	ng	98
73) Di-n-butylphthalate	18.48	149	1697677	45.23	ng	99
74) Fluoranthene	19.59	202	1710605	42.99	ng	97
77) Pyrene	19.95	202	1715737	33.80	ng	99
79) Butylbenzylphthalate	20.83	149	817855	40.35	ng	98
80) Benzo(a)anthracene	21.83	228	1720391	37.02	ng	96
82) Chrysene	21.89	228	1599499	36.18	ng	99
83) Bis(2-ethylhexyl)phthalate	21.70	149	1128262	40.65	ng	# 97
84) Di-n-octyl phthalate	22.96	149	1915016	40.42	ng	100
85) Indeno(1,2,3-cd)pyrene	29.12	276	1994119	36.10	ng	# 100
87) Benzo(b)fluoranthene	24.16	252	1731426	35.97	ng	# 96
88) Benzo(k)fluoranthene	24.22	252	1656008	35.82	ng	# 96
89) Benzo(a)pyrene	25.07	252	1661359	36.29	ng	# 96
90) Dibenzo(a,h)anthracene	29.18	278	1698237	36.31	ng	# 94
91) Benzo(g,h,i)perylene	30.33	276	1659749	35.24	ng	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.09 min Scan# 894

Delta R.T. -0.00 min

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BNA_G

ClientSampleId :

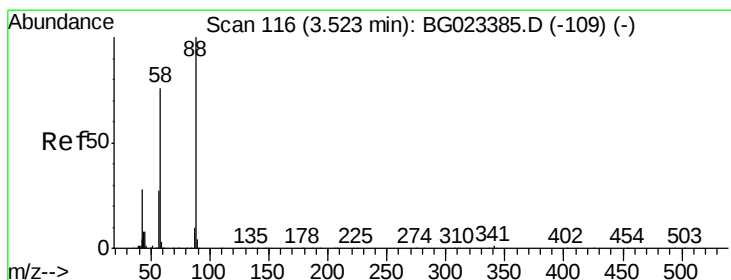
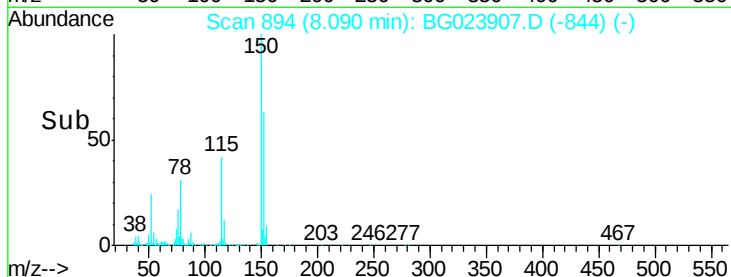
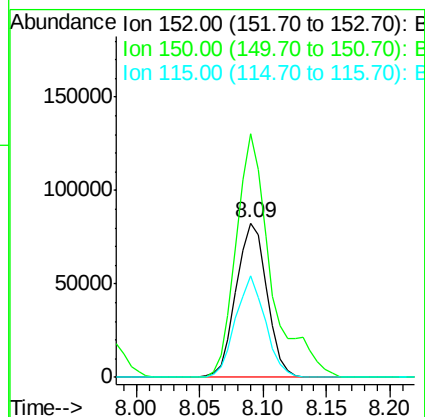
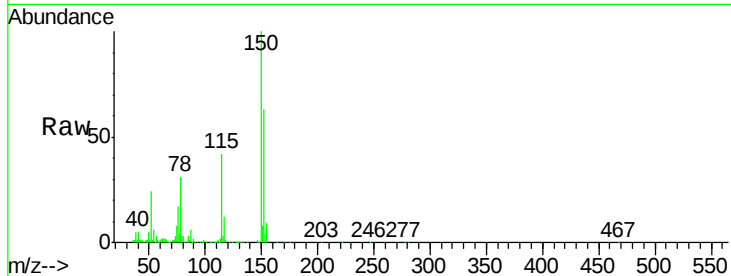
MW-04MS

Tgt Ion:	152	Resp:	139034
Ion Ratio	Lower	Upper	
152	100		
150	157.6	144.7	217.1
115	65.6	64.0	96.0

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#2

1,4-Dioxane

Concen: 13.25 ng

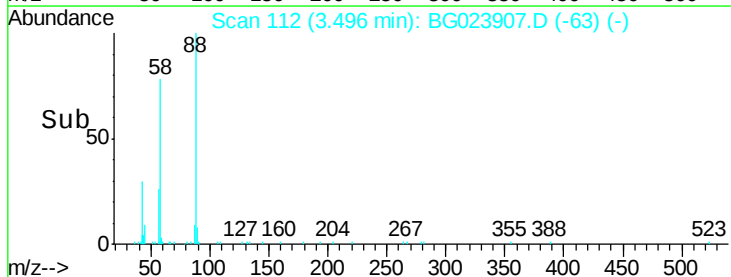
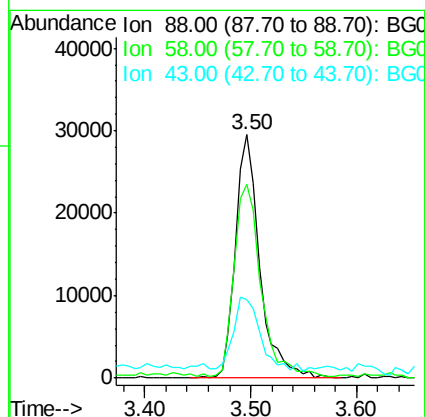
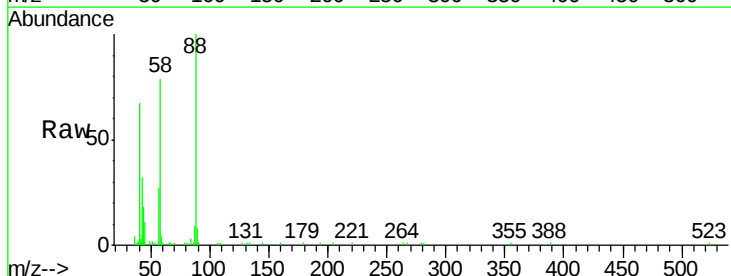
RT: 3.50 min Scan# 112

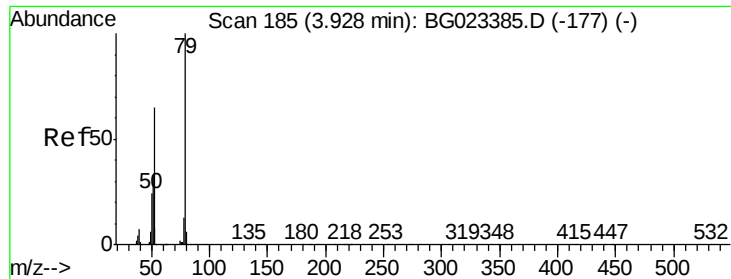
Delta R.T. -0.01 min

Lab File: BG023907.D

Acq: 25 Aug 2016 23:36

Tgt Ion:	88	Resp:	46611
Ion Ratio	Lower	Upper	
88	100		
58	86.5	60.4	90.6
43	31.2	31.1	46.7





#3

Pyridine

Concen: 11.90 ng

RT: 3.91 min Scan# 182

Delta R.T. -0.00 min

Lab File: BG023907.D

Acq: 25 Aug 2016 23:36

Instrument :

BNA_G

ClientSampleId :

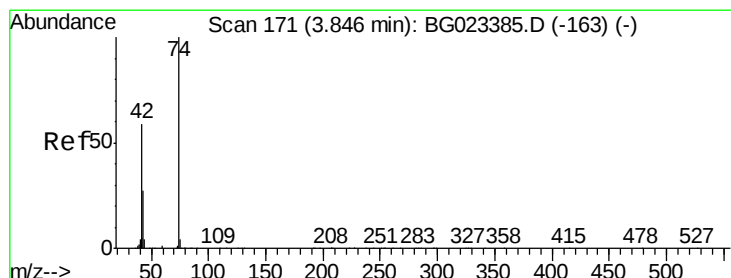
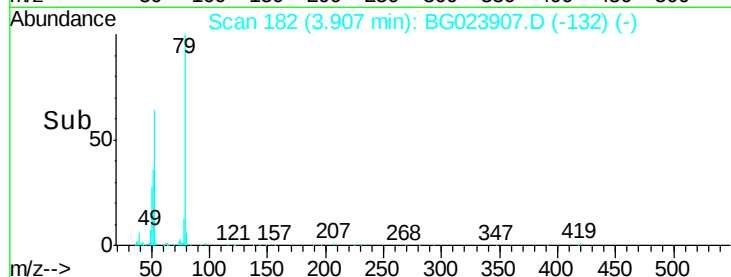
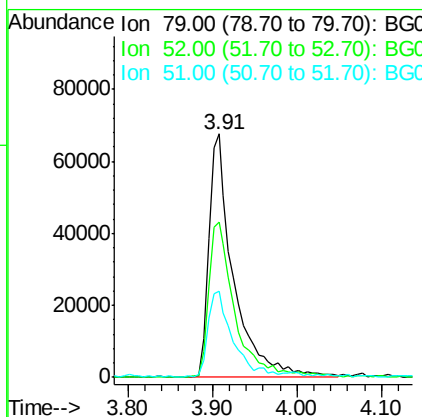
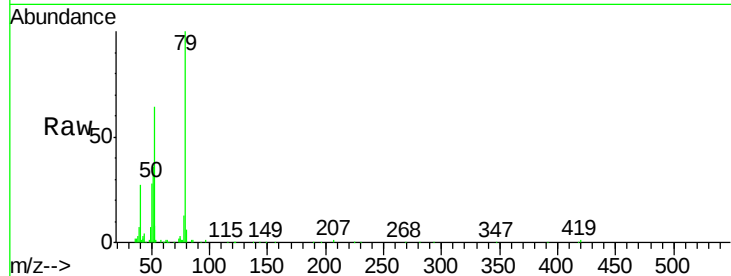
MW-04MS

Tgt Ion:	79	Resp:	137572
Ion	Ratio	Lower	Upper
79	100		
52	64.0	51.8	77.8
51	35.6	32.7	49.1

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 18.14 ng

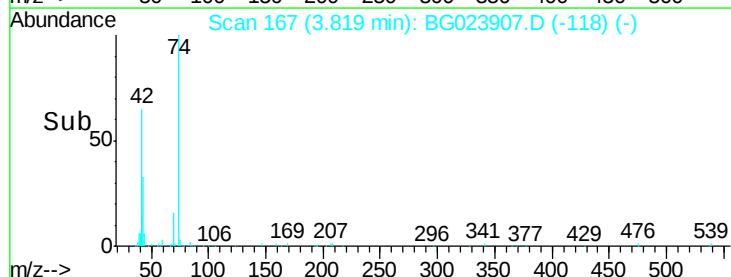
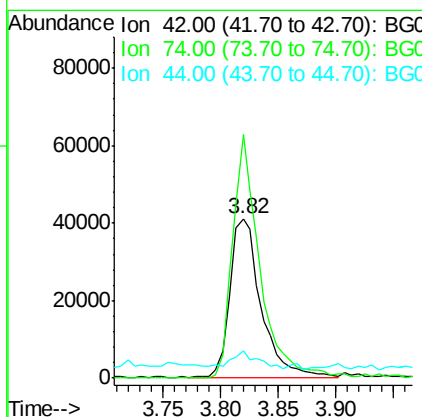
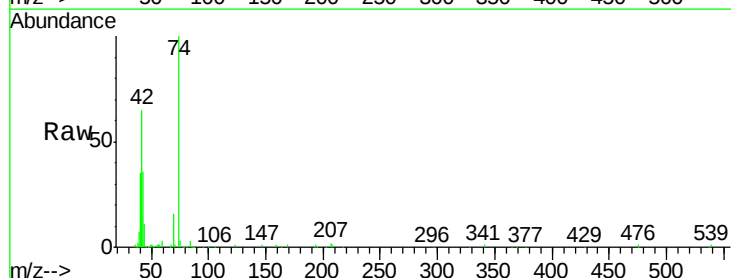
RT: 3.82 min Scan# 167

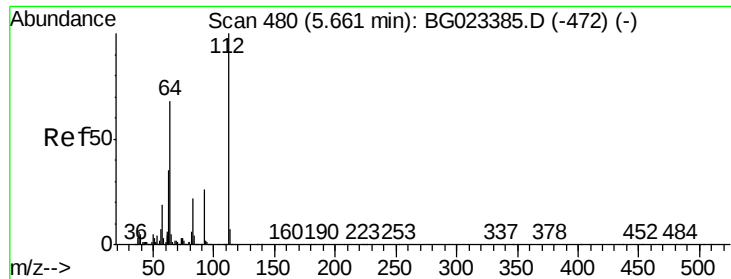
Delta R.T. -0.01 min

Lab File: BG023907.D

Acq: 25 Aug 2016 23:36

Tgt Ion:	42	Resp:	77793
Ion	Ratio	Lower	Upper
42	100		
74	153.0	100.6	150.8#
44	16.8	4.5	6.7#





#5

2-Fluorophenol

Concen: 56.25 ng

RT: 5.63 min Scan# 476

Delta R.T. -0.00 min

Lab File: BG023907.D

Acq: 25 Aug 2016 23:36

Instrument :

BNA_G

ClientSampleId :

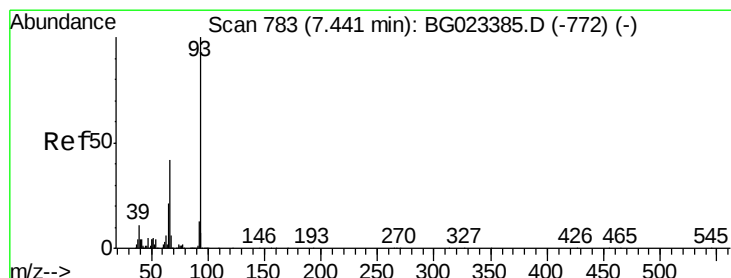
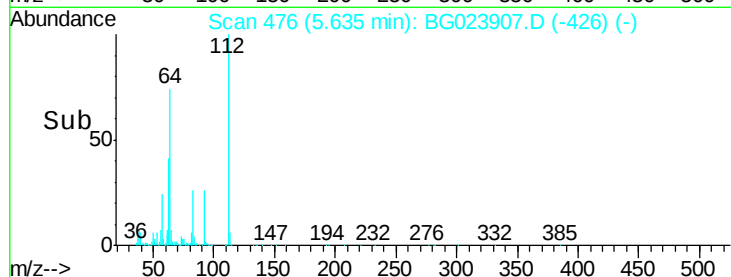
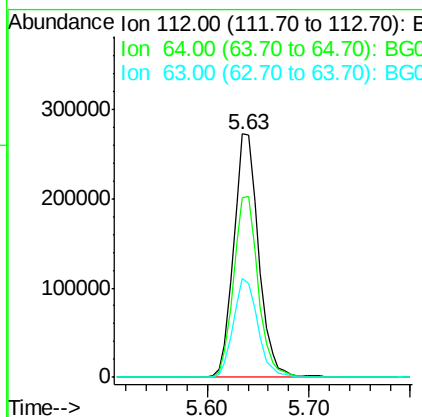
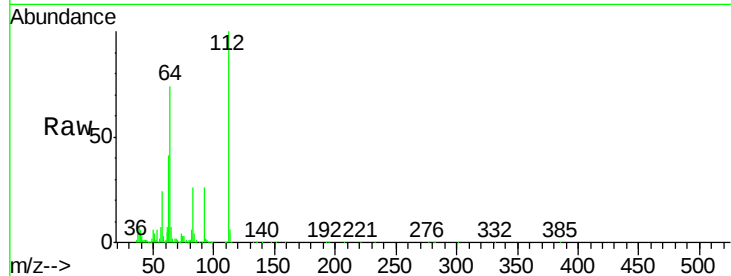
MW-04MS

Tgt Ion:	112	Resp:	464649
Ion Ratio	Lower	Upper	
112	100		
64	73.6	59.0	88.4
63	40.9	37.8	56.8

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#6

Aniline

Concen: 10.99 ng

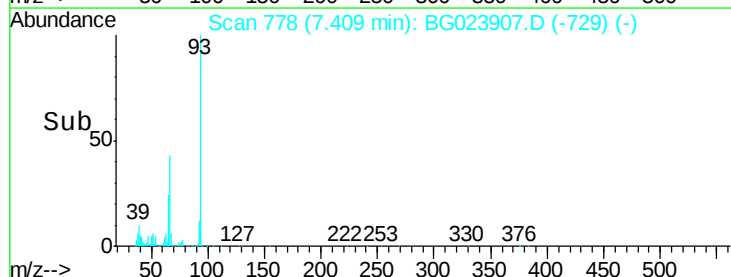
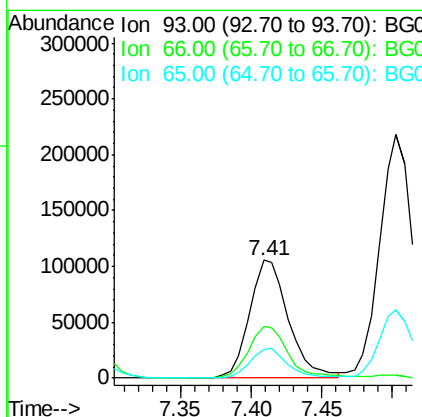
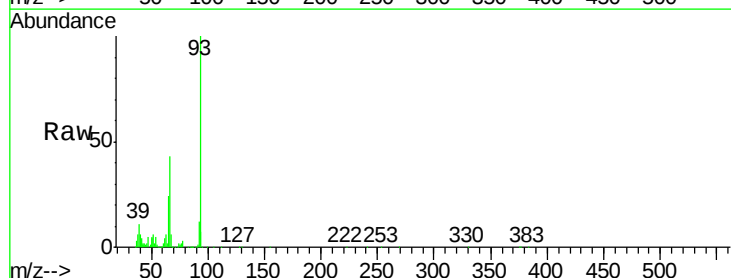
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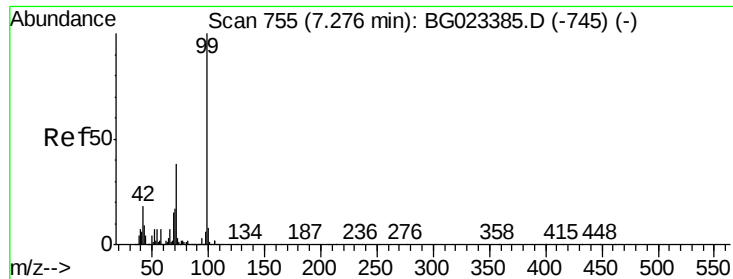
Delta R.T. -0.01 min

Lab File: BG023907.D

Acq: 25 Aug 2016 23:36

Tgt Ion:	93	Resp:	204343
Ion Ratio	Lower	Upper	
93	100		
66	43.4	37.5	56.3
65	24.0	17.9	26.9





#7

Phenol-d6

Concen: 36.17 ng

RT: 7.26 min Scan# 752

Delta R.T. 0.00 min

Lab File: BG023907.D

Acq: 25 Aug 2016 23:36

Instrument :

BNA_G

ClientSampleId :

MW-04MS

Tgt Ion: 99 Resp: 465337
Ion Ratio Lower Upper

99 100

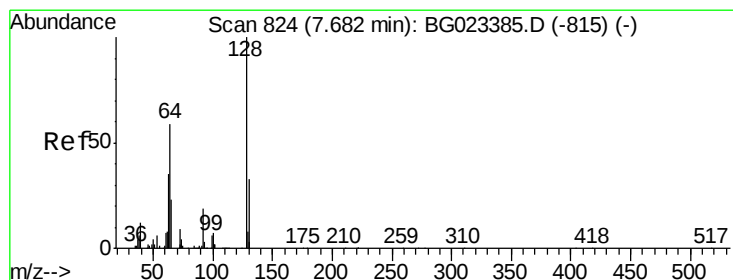
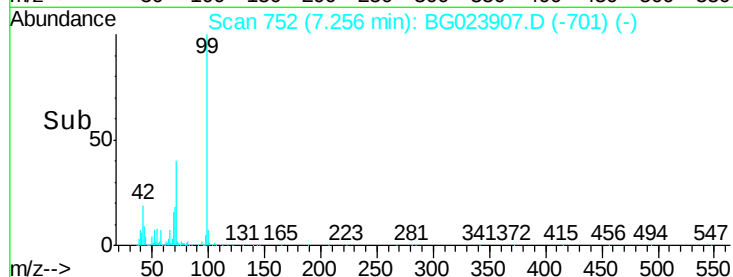
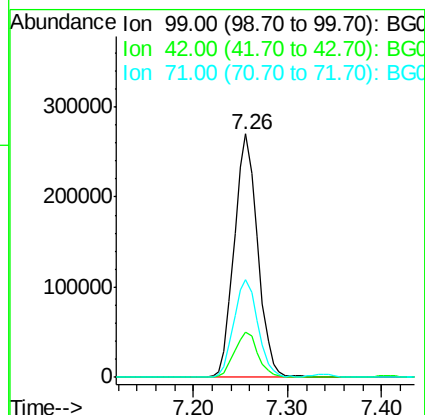
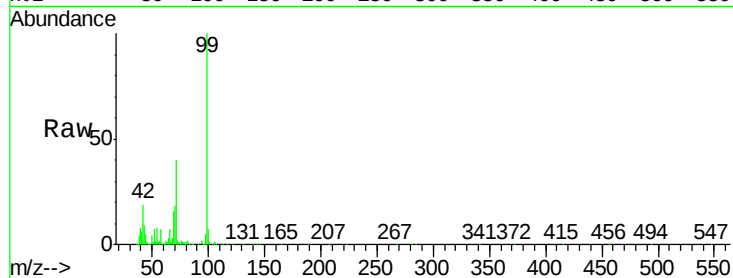
42 18.8 17.8 26.6

71 39.9 41.5 62.3#

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#8

2-Chlorophenol

Concen: 29.59 ng

RT: 7.66 min Scan# 820

Delta R.T. -0.00 min

Lab File: BG023907.D

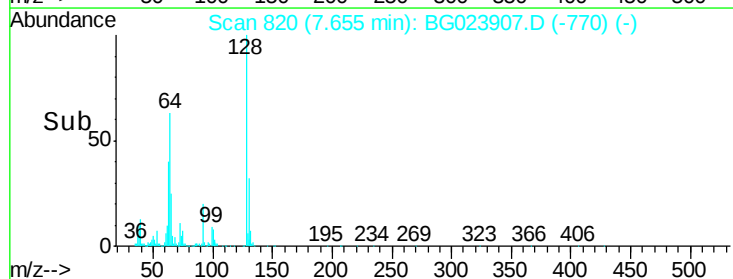
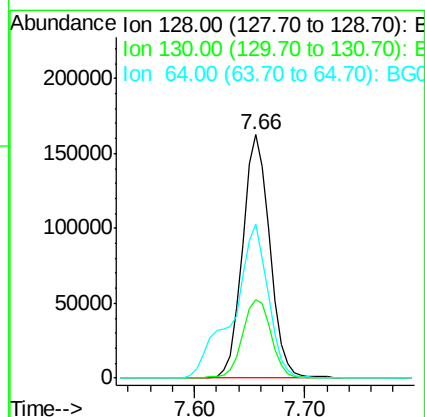
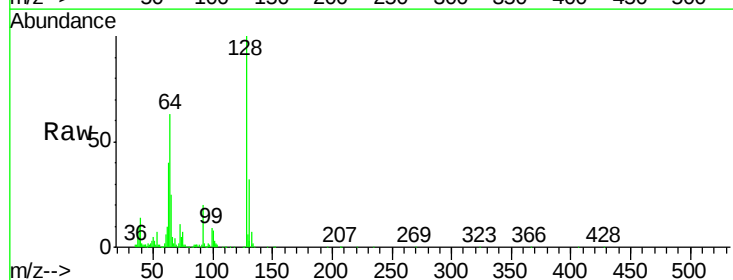
Acq: 25 Aug 2016 23:36

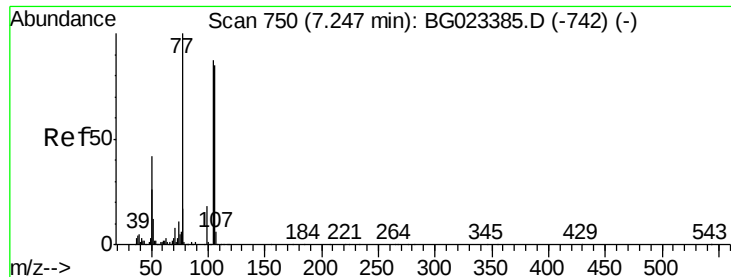
Tgt Ion: 128 Resp: 280754
Ion Ratio Lower Upper

128 100

130 32.5 12.9 52.9

64 63.2 42.0 82.0





#9

Benzaldehyde

Concen: 9.05 ng

RT: 7.22 min Scan# 746

Delta R.T. -0.00 min

Lab File: BG023907.D

Acq: 25 Aug 2016 23:36

Instrument :

BNA_G

ClientSampleId :

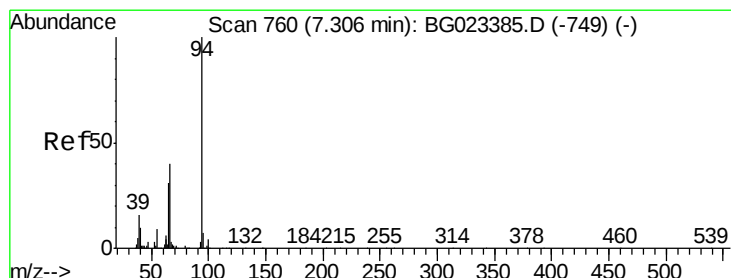
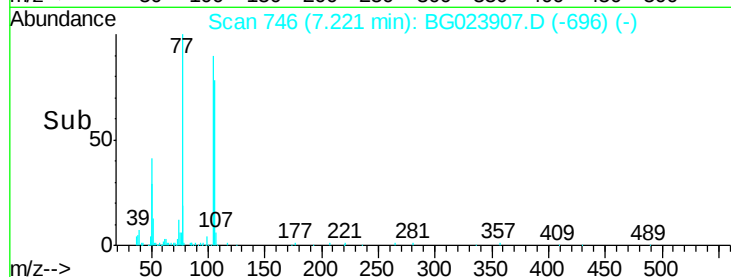
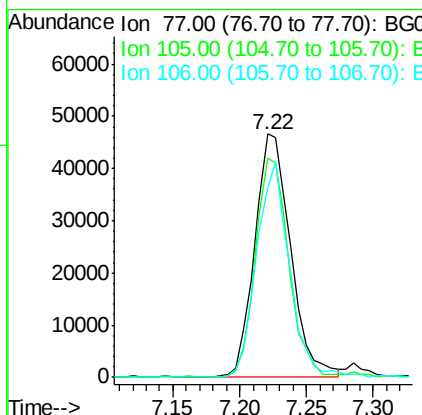
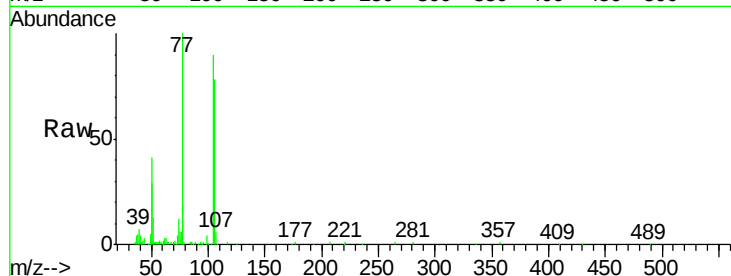
MW-04MS

Tgt Ion	Ratio	Lower	Upper
77	100		
105	90.0	58.7	98.7
106	78.0	67.5	107.5

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#10

Phenol

Concen: 12.99 ng

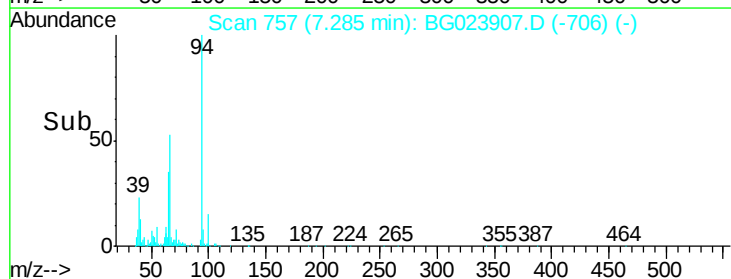
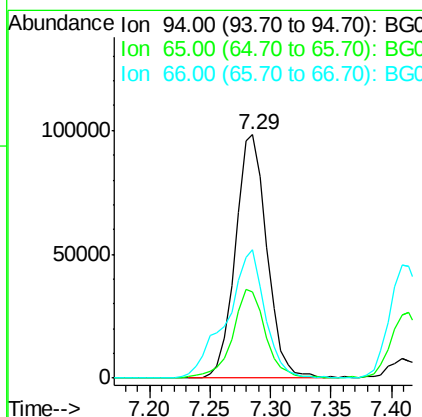
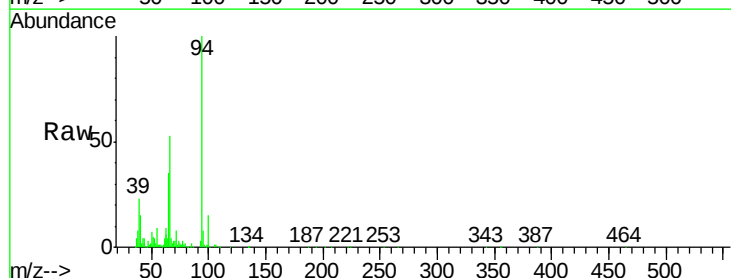
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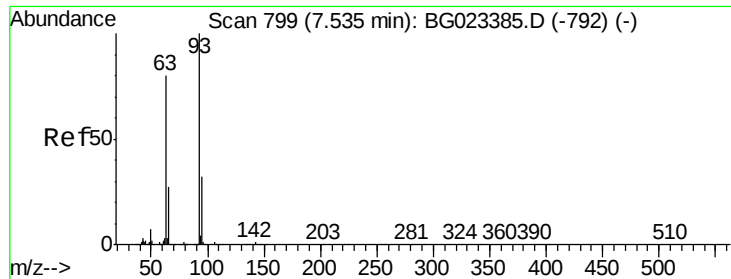
Delta R.T. 0.00 min

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Tgt Ion	Ratio	Lower	Upper
94	100		
65	35.4	18.1	58.1
66	52.5	42.1	82.1





#11
bis(2-Chloroethyl)ether
Concen: 32.83 ng
RT: 7.50 min Scan# 794
Delta R.T. -0.00 min
Lab File: BG023907.D
Acq: 25 Aug 2016 23:36

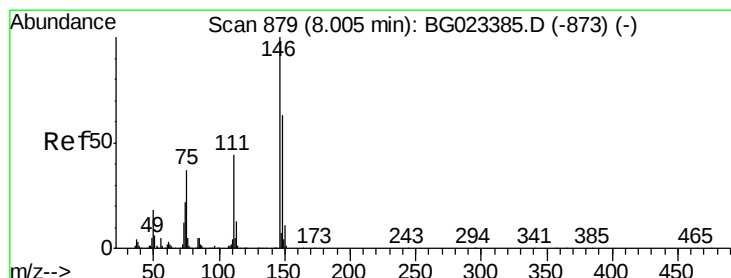
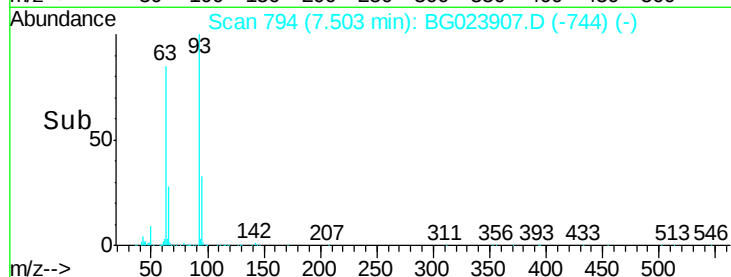
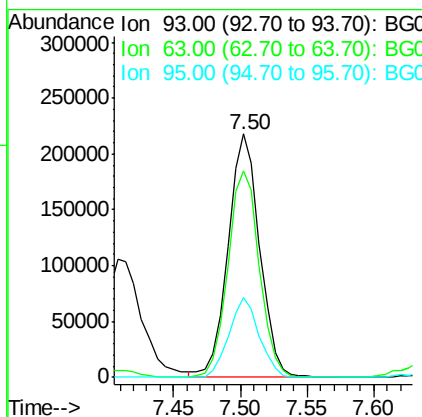
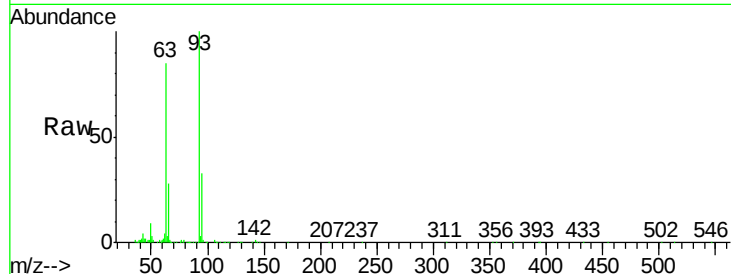
Instrument :
BNA_G
ClientSampleId :
MW-04MS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	84.7	55.0	95.0
95	32.6	11.0	51.0

Manual Integrations
APPROVED

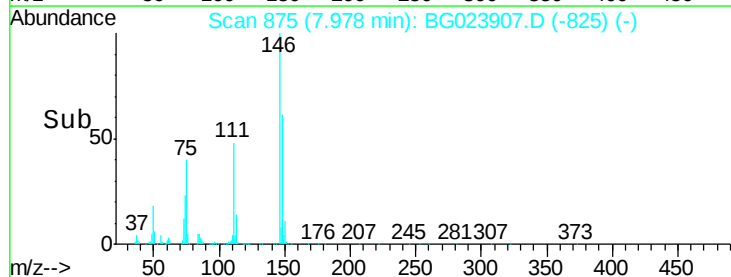
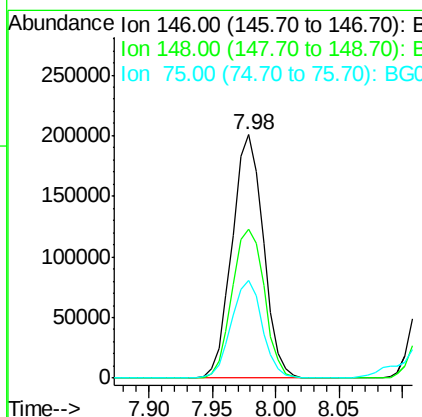
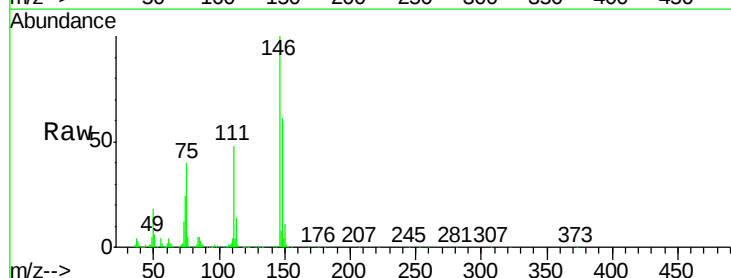
sohil

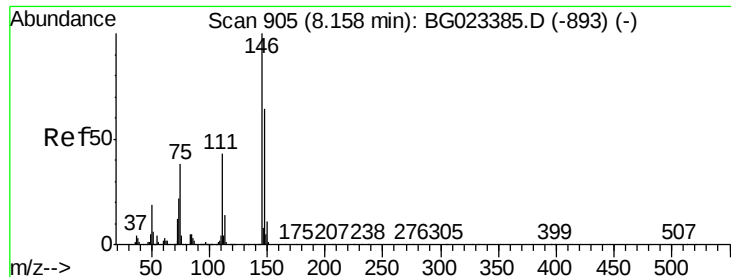
8/26/2016 5:56:02 PM



#12
1,3-Dichlorobenzene
Concen: 31.54 ng
RT: 7.98 min Scan# 875
Delta R.T. -0.00 min
Lab File: BG023907.D
Acq: 25 Aug 2016 23:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.1	50.3	75.5
75	40.3	37.0	55.6





#13
 1,4-Dichlorobenzene
 Concen: 31.45 ng
 RT: 8.13 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BG023907.D
 Acq: 25 Aug 2016 23:36

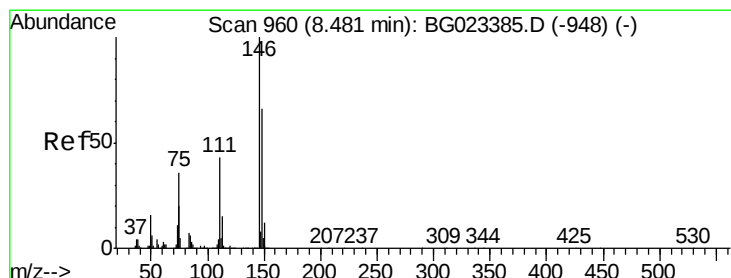
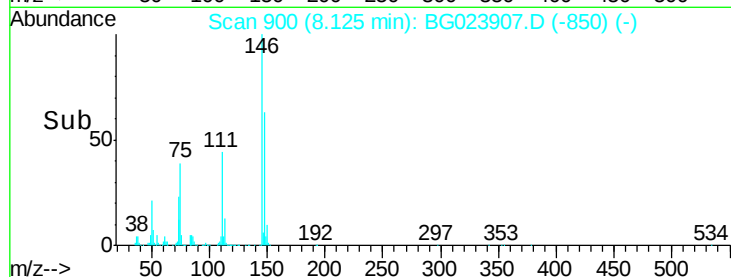
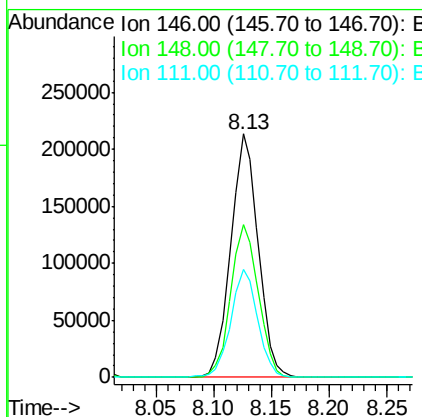
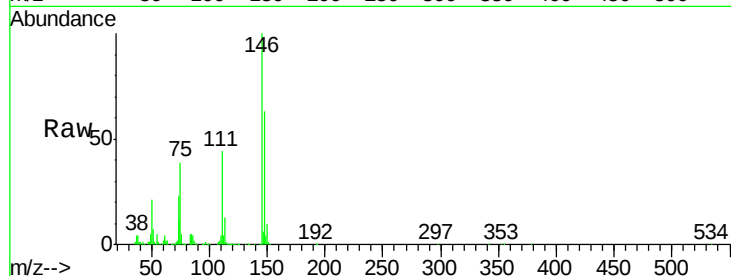
Instrument :
 BNA_G
 ClientSampleId :
 MW-04MS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	54.5	81.7
111	44.2	37.8	56.8

Manual Integrations
 APPROVED

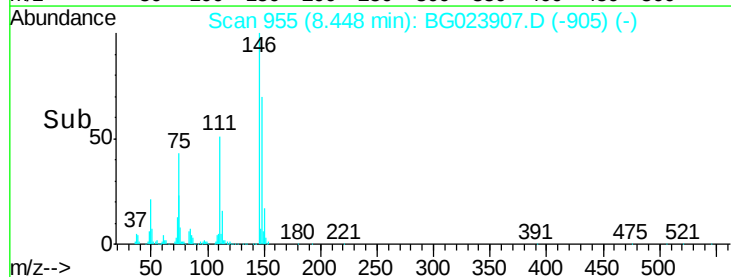
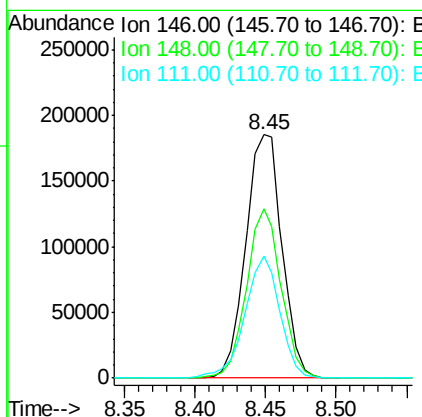
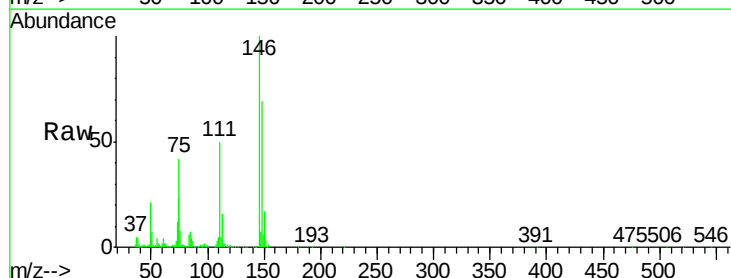
sohil

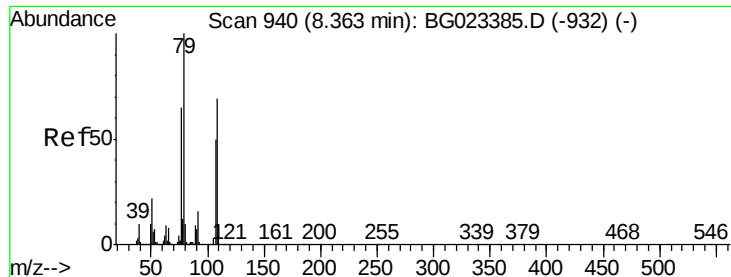
8/26/2016 5:56:02 PM



#14
 1,2-Dichlorobenzene
 Concen: 30.57 ng
 RT: 8.45 min Scan# 955
 Delta R.T. -0.00 min
 Lab File: BG023907.D
 Acq: 25 Aug 2016 23:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.4	52.9	79.3
111	50.1	43.5	65.3





#15
Benzyl Alcohol
Concen: 28.29 ng
RT: 8.34 min Scan# 936
Delta R.T. -0.00 min
Lab File: BG023907.D
Acq: 25 Aug 2016 23:36

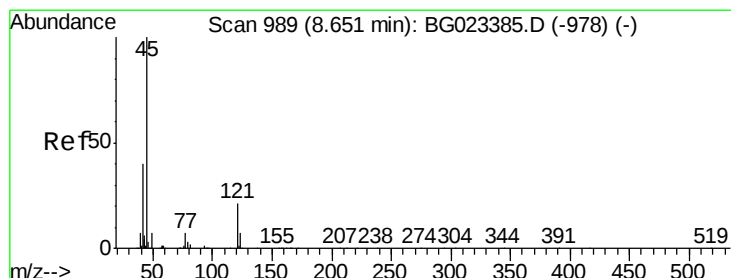
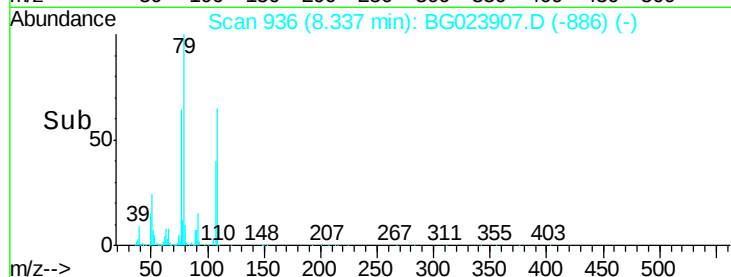
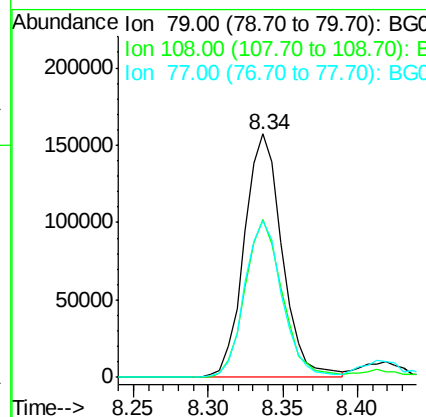
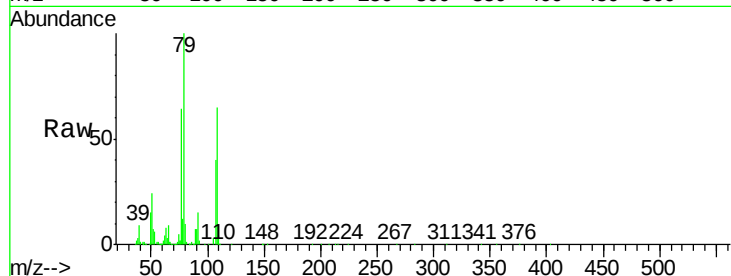
Instrument :
BNA_G
ClientSampleId :
MW-04MS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	65.0	46.5	69.7
77	64.5	52.3	78.5

Manual Integrations
APPROVED

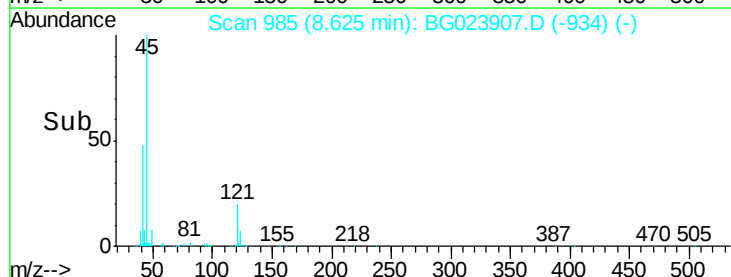
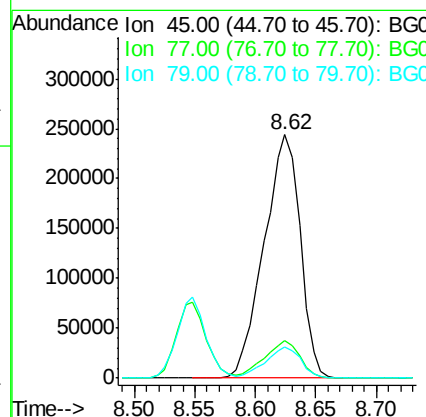
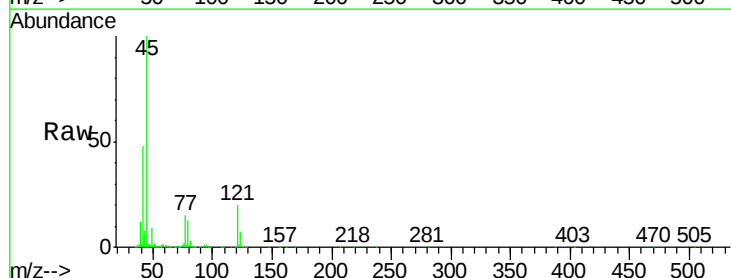
sohil

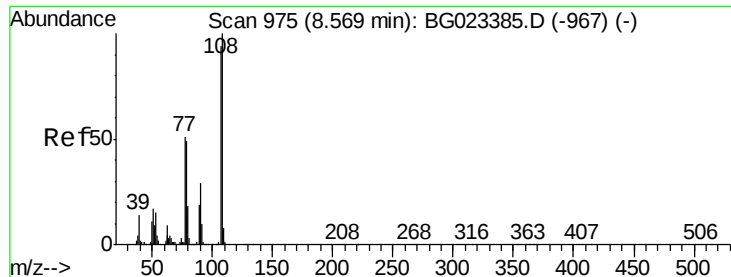
8/26/2016 5:56:02 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.38 ng
RT: 8.62 min Scan# 985
Delta R.T. 0.00 min
Lab File: BG023907.D
Acq: 25 Aug 2016 23:36

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.3	0.6	40.6
79	13.0	0.0	36.2





#17

2-Methylphenol

Concen: 25.51 ng

RT: 8.55 min Scan# 972

Delta R.T. 0.00 min

Lab File: BG023907.D

Acq: 25 Aug 2016 23:36

Instrument :

BNA_G

ClientSampleId :

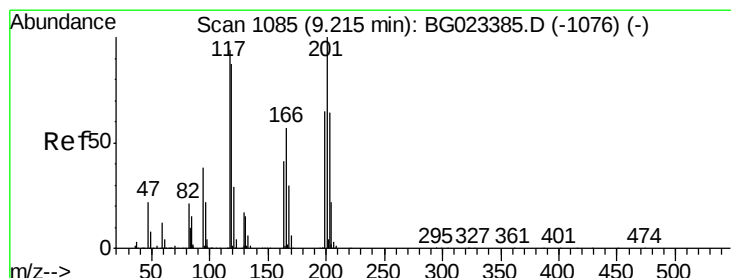
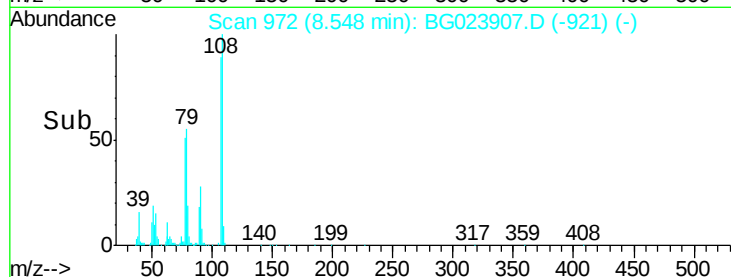
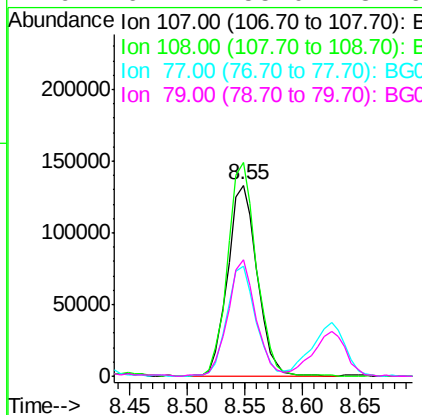
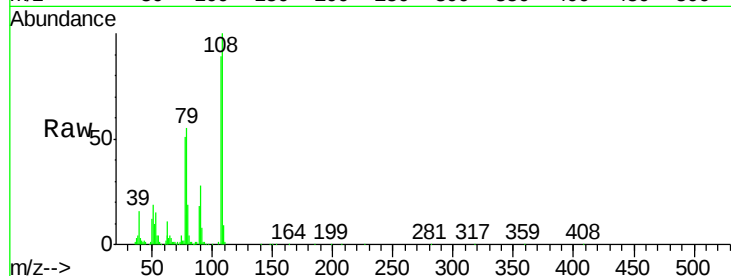
MW-04MS

Tgt	Ion:107	Resp:	235374
Ion	Ratio	Lower	Upper
107	100		
108	111.8	92.0	138.0
77	57.4	55.8	83.6
79	61.1	55.0	82.6

Manual Integrations
APPROVED

sohil

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#18

Hexachloroethane

Concen: 32.94 ng

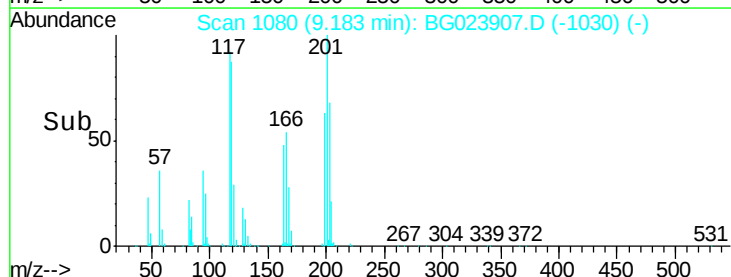
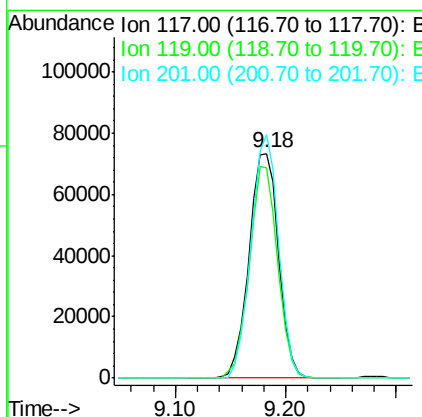
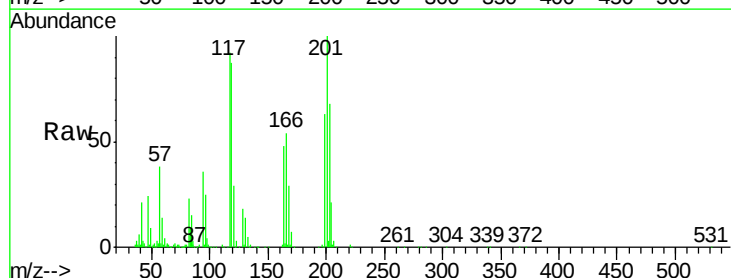
RT: 9.18 min Scan# 1080

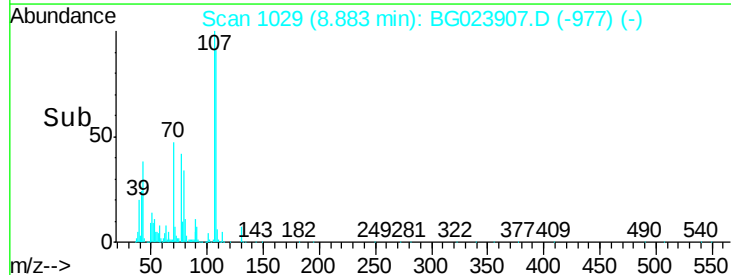
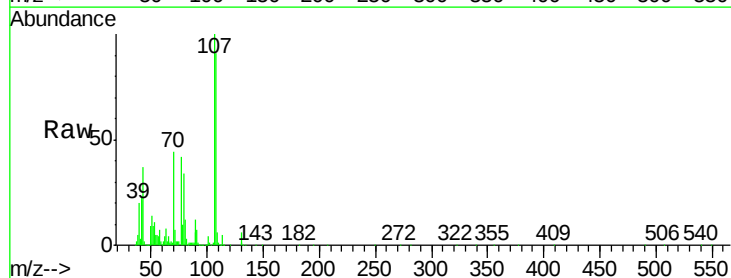
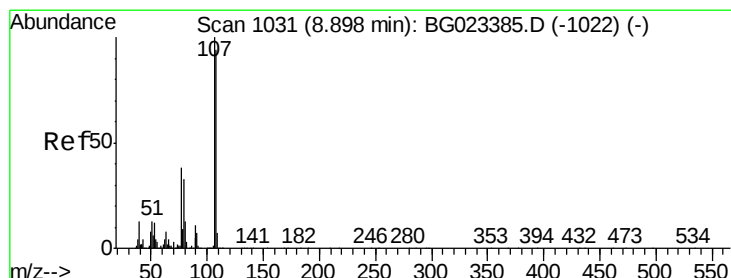
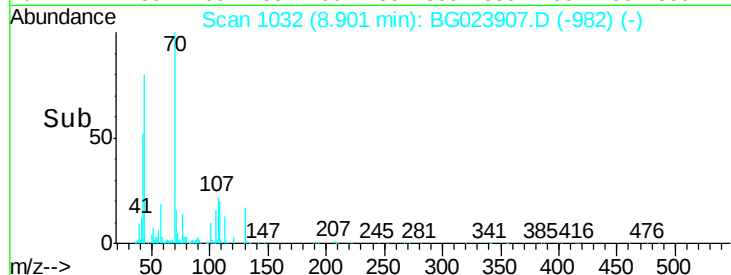
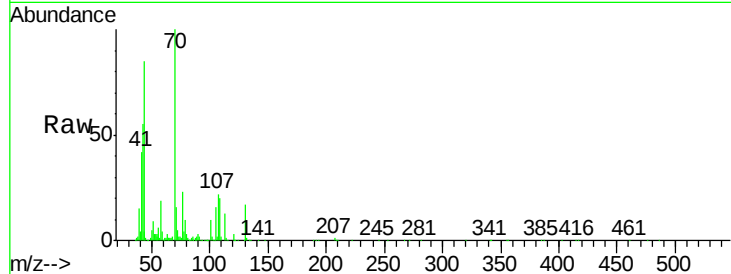
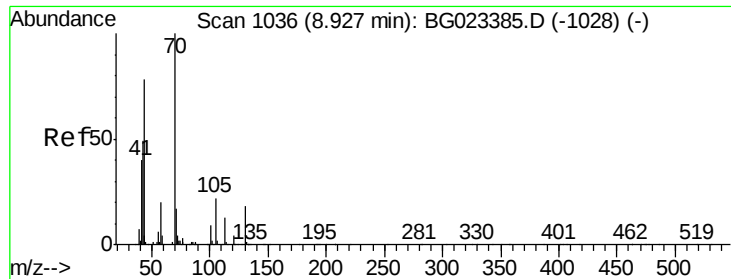
Delta R.T. -0.00 min

Lab File: BG023907.D

Acq: 25 Aug 2016 23:36

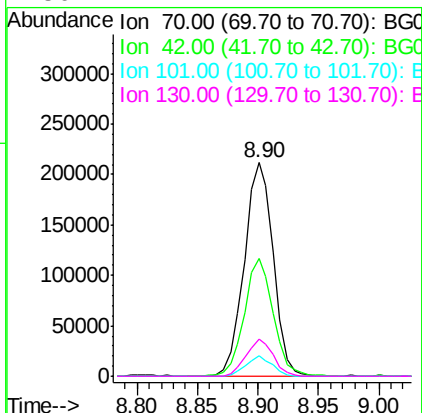
Tgt	Ion:117	Resp:	137899
Ion	Ratio	Lower	Upper
117	100		
119	93.7	73.7	110.5
201	108.2	88.7	133.1





#19
n-Nitroso-di-n-propylamine
Concen: 31.93 ng
RT: 8.90 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG023907.D
Acq: 25 Aug 2016 23:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
70	100		353328		
42	55.0	42.1	63.1		
101	9.7	7.2	10.8		
130	17.2	14.2	21.2		



Instrument :
BNA_G
ClientSampleId :
MW-04MS

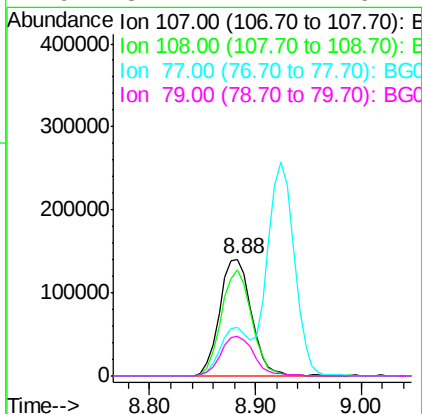
Manual Integrations
APPROVED

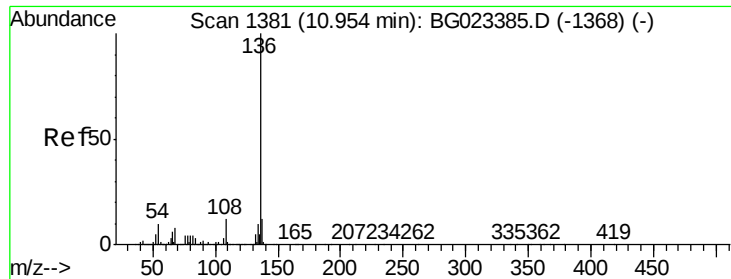
sohil

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#20
3+4-Methylphenols
Concen: 22.66 ng
RT: 8.88 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BG023907.D
Acq: 25 Aug 2016 23:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		294802		
108	90.6	72.5	112.5		
77	41.8	30.1	70.1		
79	34.4	24.2	64.2		





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BG023907.D
Acq: 25 Aug 2016 23:36

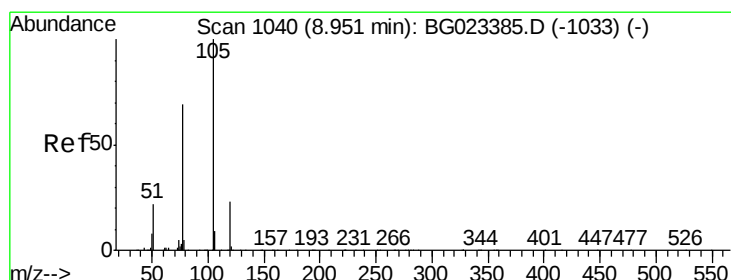
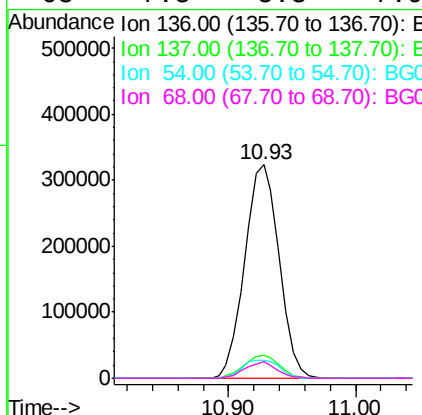
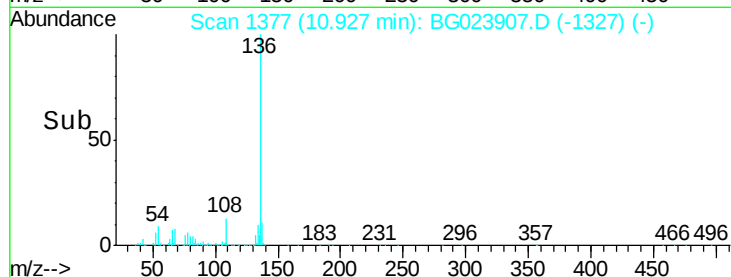
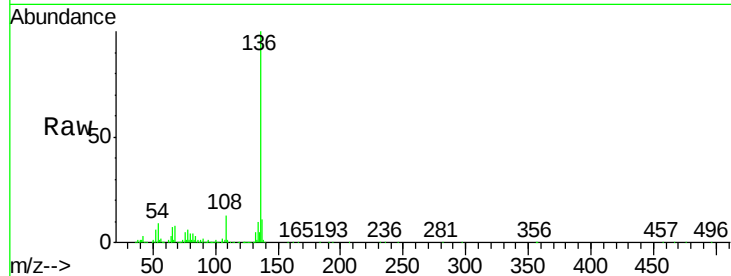
Instrument :
BNA_G
ClientSampled :
MW-04MS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	608191		
137	11.0	9.6	14.4	
54	8.7	7.3	10.9	
68	7.8	5.3	7.9	

Manual Integrations
APPROVED

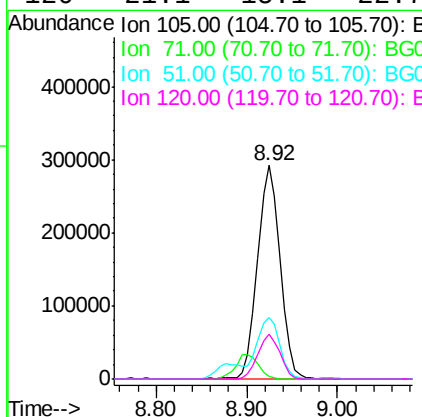
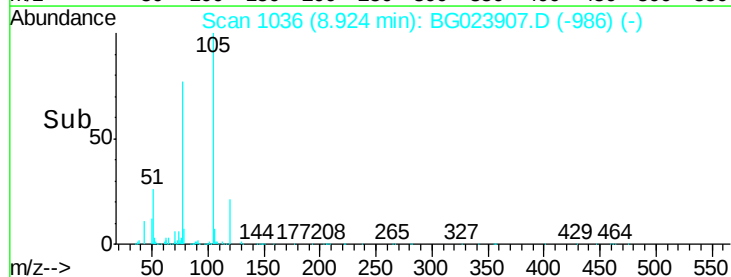
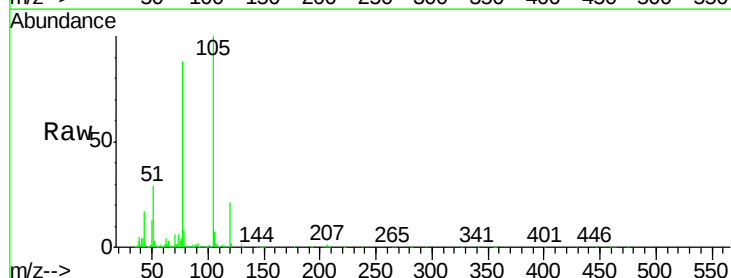
sohil

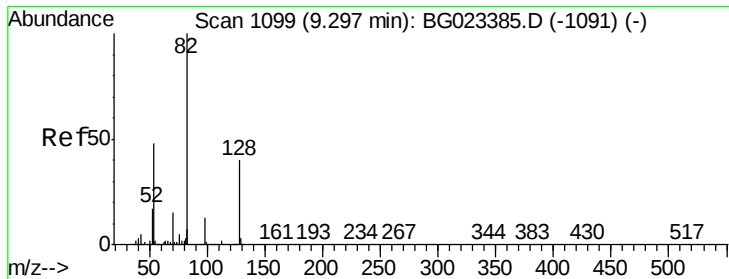
8/26/2016 5:56:02 PM



#22
Acetophenone
Concen: 30.46 ng
RT: 8.92 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG023907.D
Acq: 25 Aug 2016 23:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	507272		
71	1.2	2.6	3.8#	
51	28.5	27.1	40.7	
120	21.1	15.1	22.7	





#23
 Nitrobenzene-d5
 Concen: 75.18 ng
 RT: 9.27 min Scan# 1095
 Delta R.T. -0.00 min
 Lab File: BG023907.D
 Acq: 25 Aug 2016 23:36

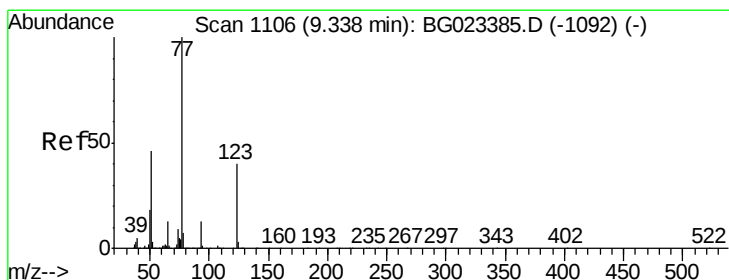
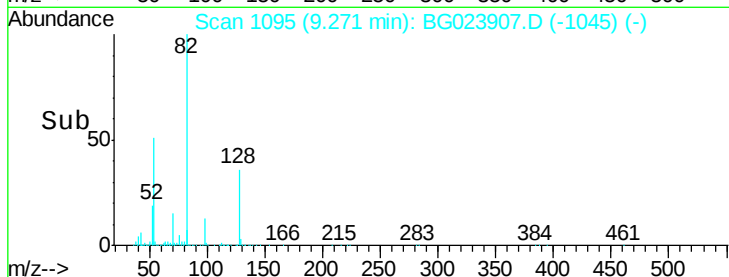
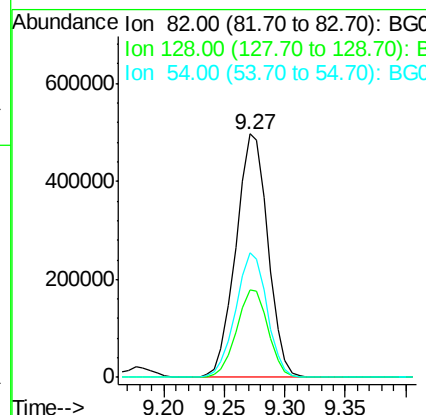
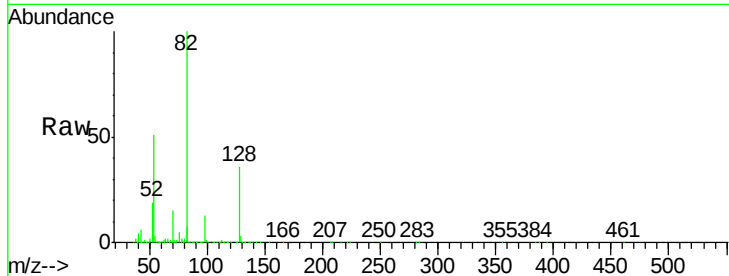
Instrument :
 BNA_G
 ClientSampleId :
 MW-04MS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	919775		
128	35.9	24.4	36.6	
54	51.2	41.4	62.0	

Manual Integrations
 APPROVED

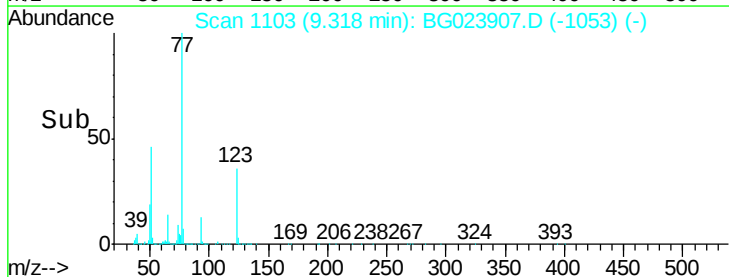
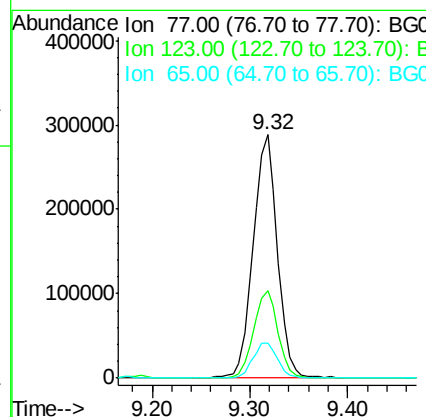
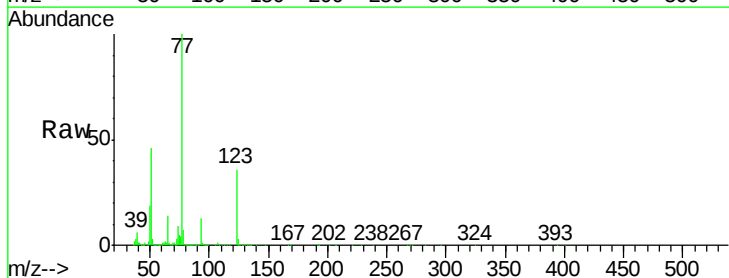
sohil

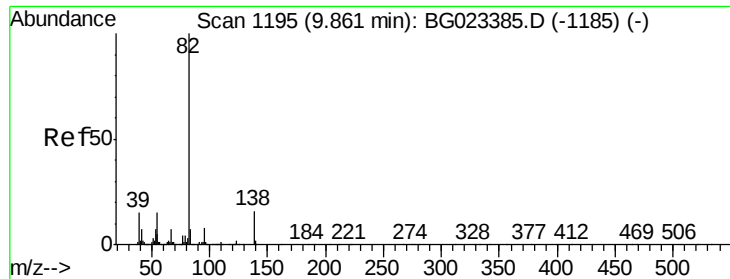
8/26/2016 5:56:02 PM



#24
 Nitrobenzene
 Concen: 37.07 ng
 RT: 9.32 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: BG023907.D
 Acq: 25 Aug 2016 23:36

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	502144		
123	36.0	25.0	37.6	
65	14.1	13.4	20.0	





#25

Isophorone

Concen: 35.76 ng

RT: 9.83 min Scan# 1191

Delta R.T. -0.00 min

Lab File: BG023907.D

Acq: 25 Aug 2016 23:36

Instrument :

BNA_G

ClientSampleId :

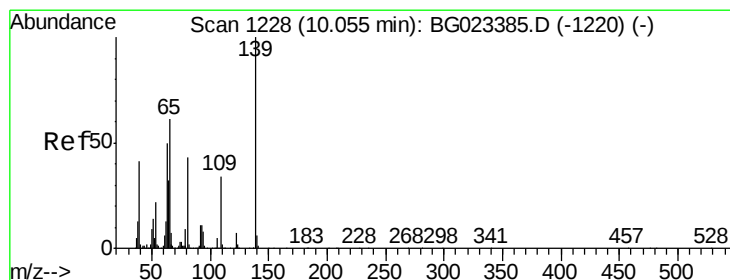
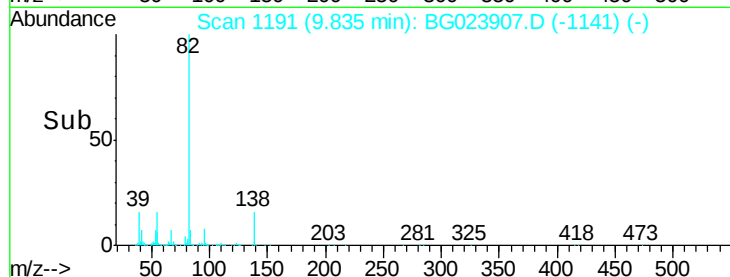
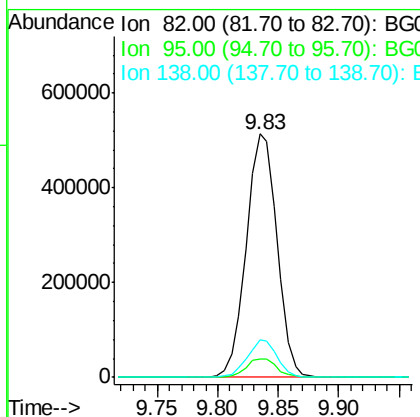
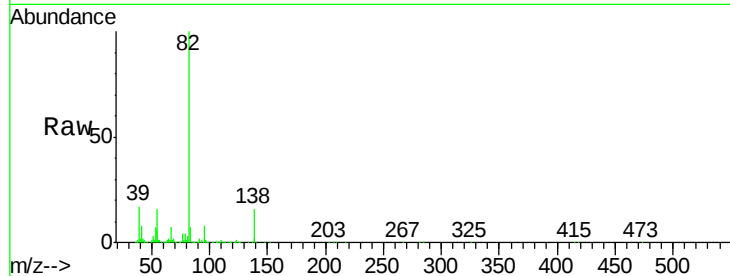
MW-04MS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	911243		
95	7.7	8.2	12.2#	
138	15.6	10.7	16.1	

Manual Integrations
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#26

2-Nitrophenol

Concen: 34.00 ng

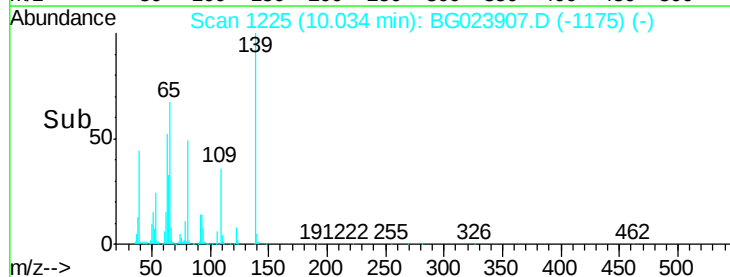
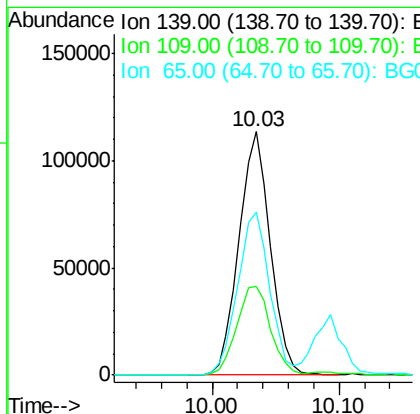
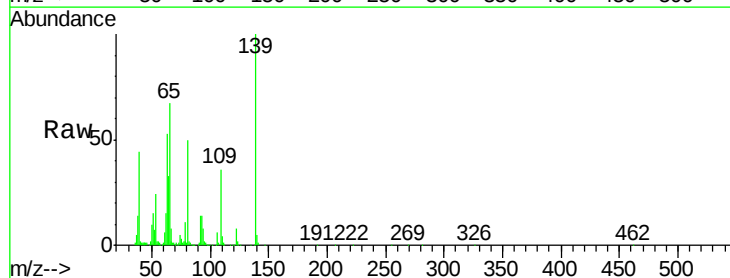
RT: 10.03 min Scan# 1225

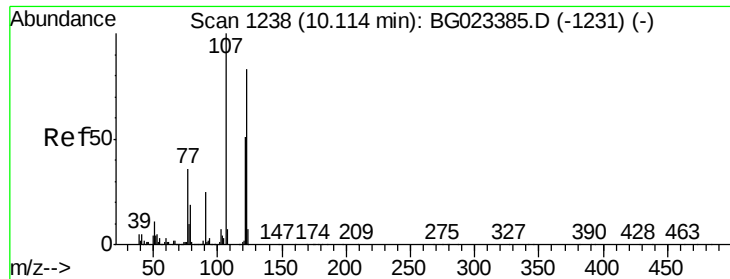
Delta R.T. -0.00 min

Lab File: BG023907.D

Acq: 25 Aug 2016 23:36

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	194406		
109	36.3	43.5	65.3#	
65	66.8	64.3	96.5	





#27
2,4-Dimethylphenol
Concen: 32.20 ng
RT: 10.09 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BG023907.D
Acq: 25 Aug 2016 23:36

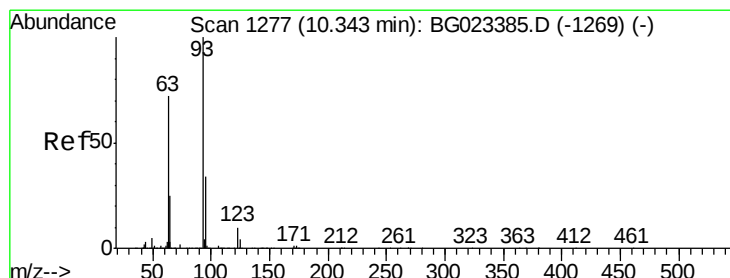
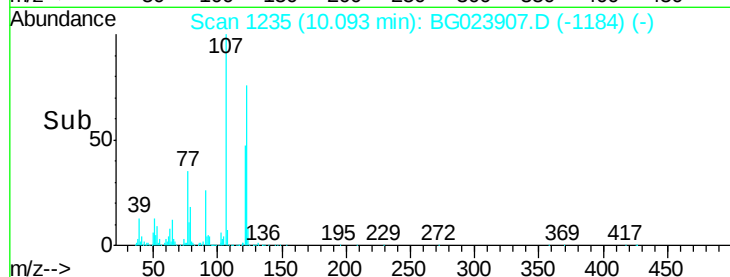
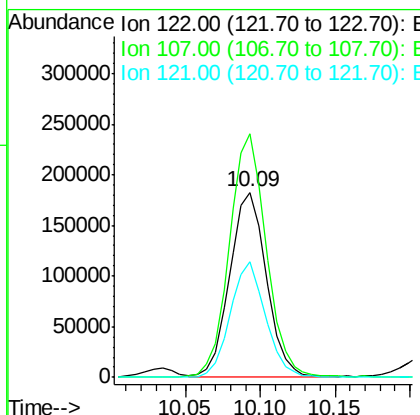
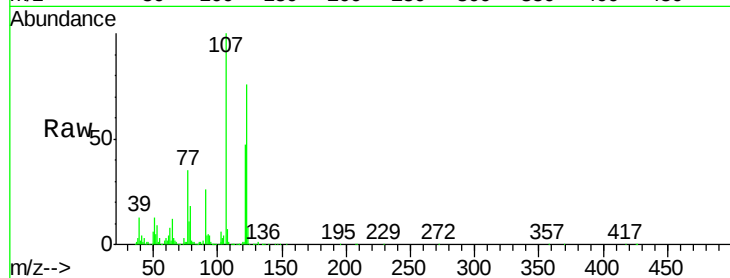
Instrument :
BNA_G
ClientSampleId :
MW-04MS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	131.7	117.0	175.4
121	62.3	50.1	75.1

Manual Integrations
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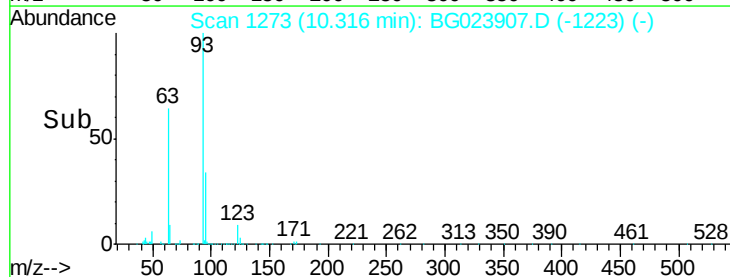
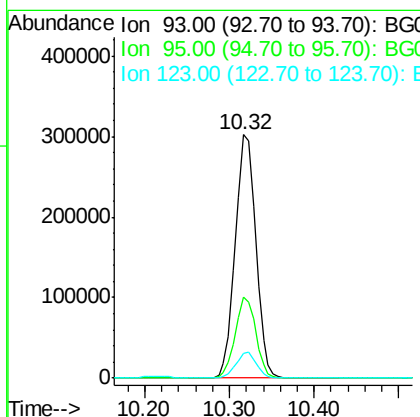
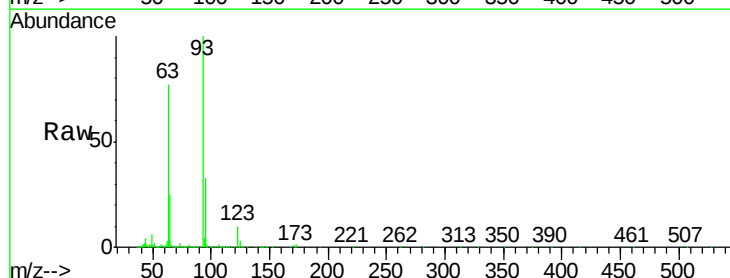
sohil

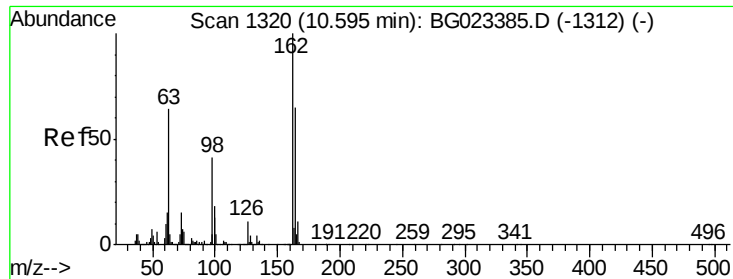
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#28
bis(2-Chloroethoxy)methane
Concen: 33.03 ng
RT: 10.32 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BG023907.D
Acq: 25 Aug 2016 23:36

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	25.4	38.2
123	9.9	8.2	12.2





#29
 2,4-Dichlorophenol
 Concen: 34.83 ng
 RT: 10.58 min Scan# 1318
 Delta R.T. 0.00 min
 Lab File: BG023907.D
 Acq: 25 Aug 2016 23:36

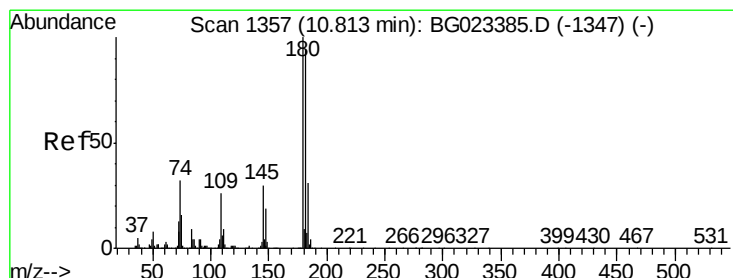
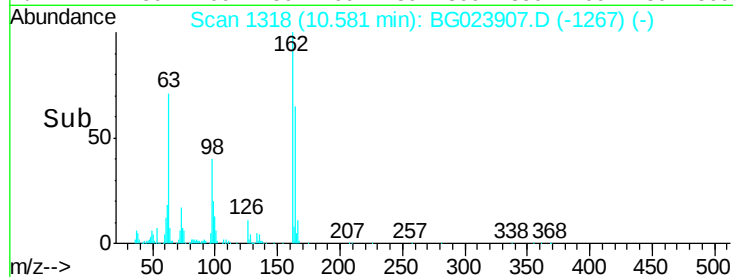
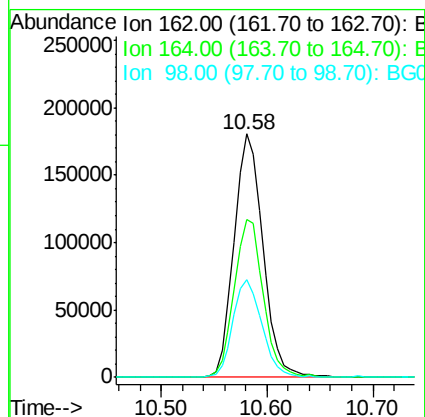
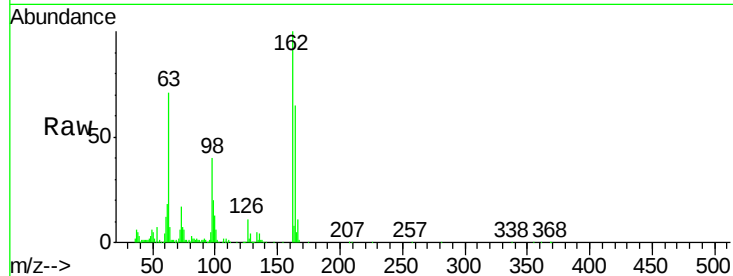
Instrument :
 BNA_G
 ClientSampleId :
 MW-04MS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	340950		
164	64.8	44.3	84.3	
98	40.3	19.5	59.5	

Manual Integrations
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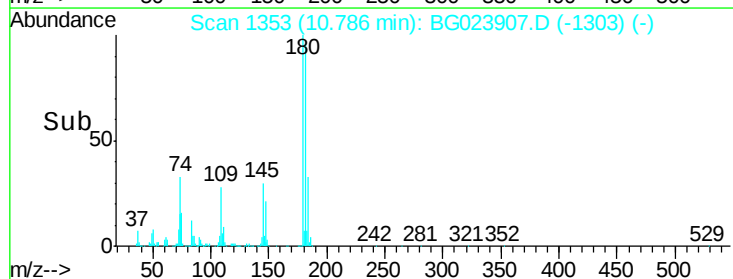
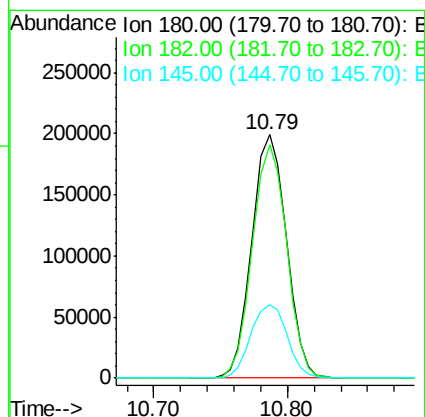
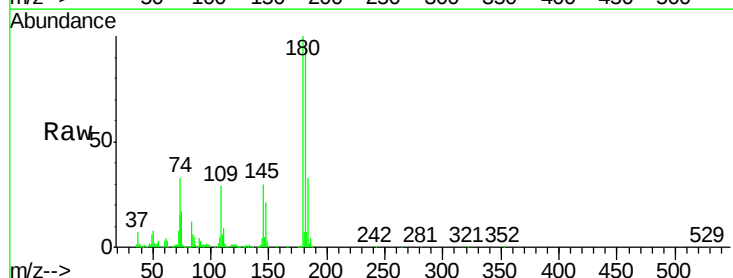
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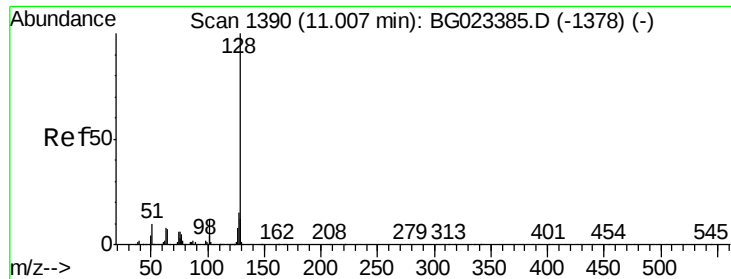
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#30
 1,2,4-Trichlorobenzene
 Concen: 33.87 ng
 RT: 10.79 min Scan# 1353
 Delta R.T. -0.00 min
 Lab File: BG023907.D
 Acq: 25 Aug 2016 23:36

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	357520		
182	95.9	73.8	110.8	
145	29.9	24.4	36.6	





#31
Naphthalene
Concen: 33.58 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.00 min
Lab File: BG023907.D
Acq: 25 Aug 2016 23:36

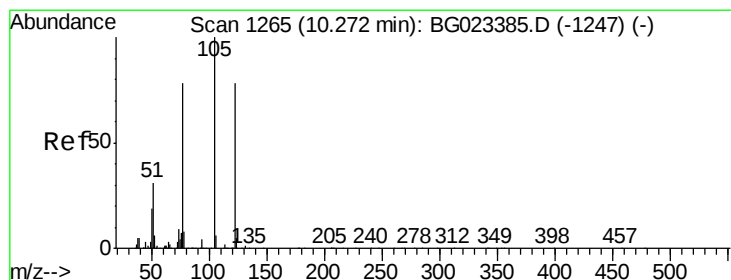
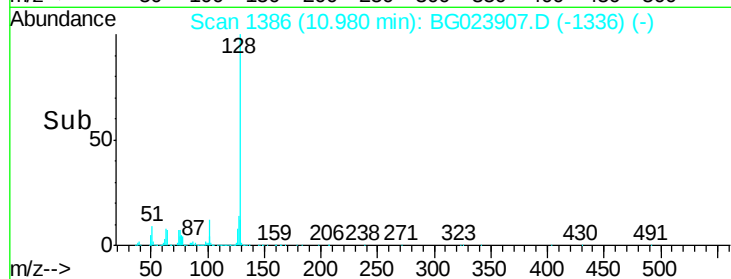
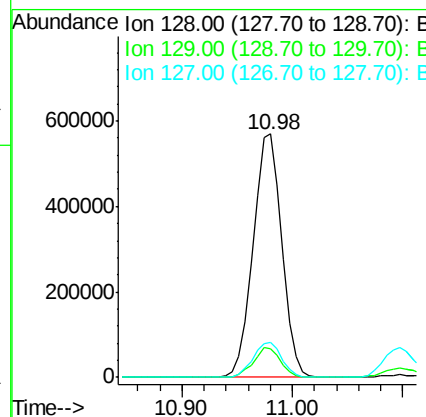
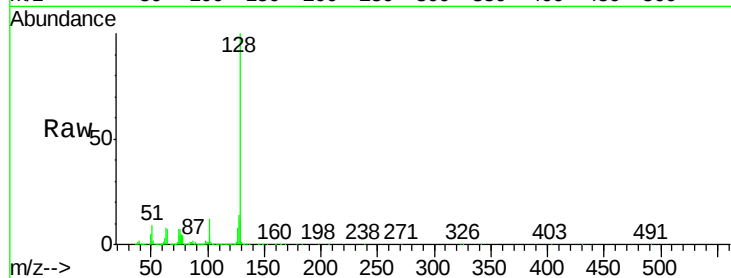
Instrument :
BNA_G
ClientSampleId :
MW-04MS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.4	14.0
127	14.3	11.3	16.9

Manual Integrations
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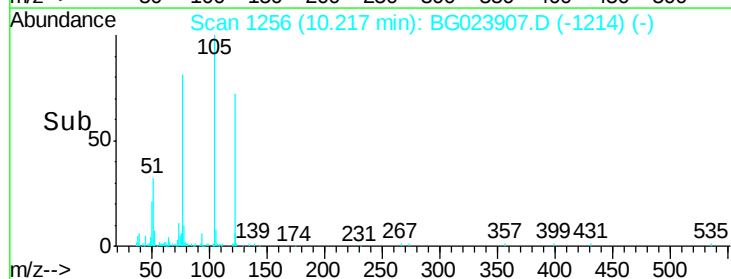
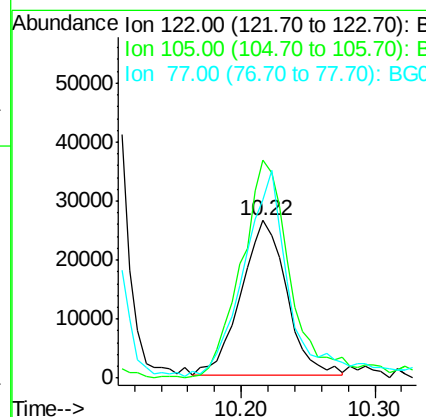
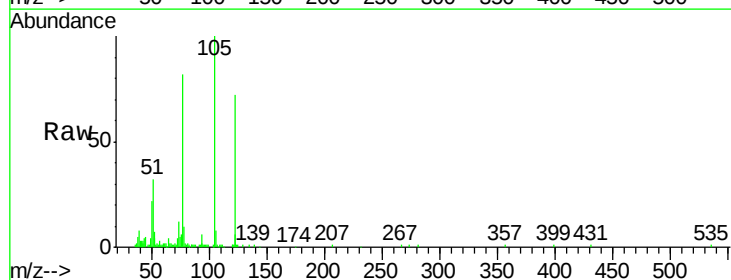
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#32
Benzoic acid
Concen: 12.44 ng
RT: 10.22 min Scan# 1256
Delta R.T. -0.05 min
Lab File: BG023907.D
Acq: 25 Aug 2016 23:36

Tgt Ion	Ratio	Lower	Upper
122	100		
105	138.9	117.2	157.2
77	113.4	109.2	149.2





#33
4-Chloroaniline
Concen: 9.91 ng
RT: 11.10 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BG023907.D
Acq: 25 Aug 2016 23:36

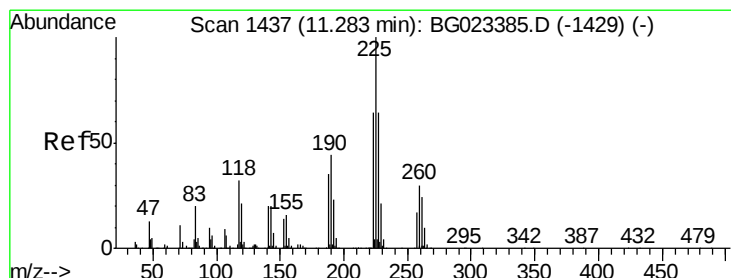
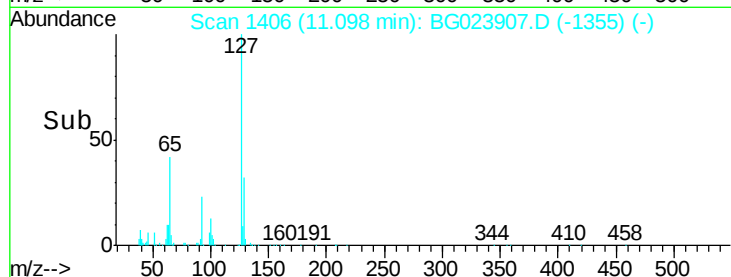
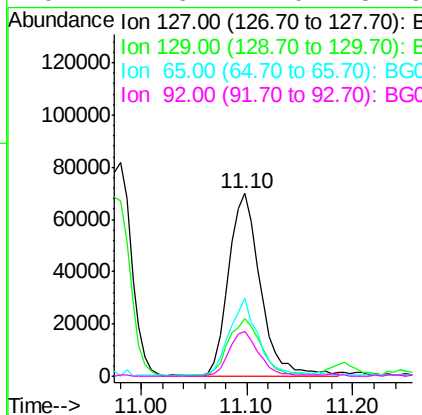
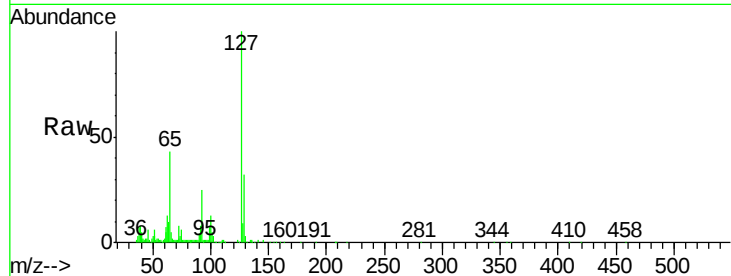
Instrument :
BNA_G
ClientSampleId :
MW-04MS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	146675		
129	31.5	27.9	41.9	
65	42.9	36.8	55.2	
92	24.6	21.0	31.6	

Manual Integrations
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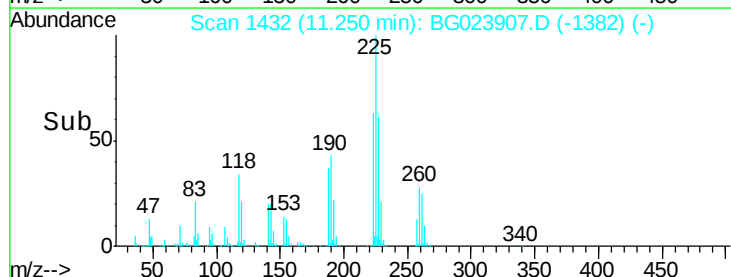
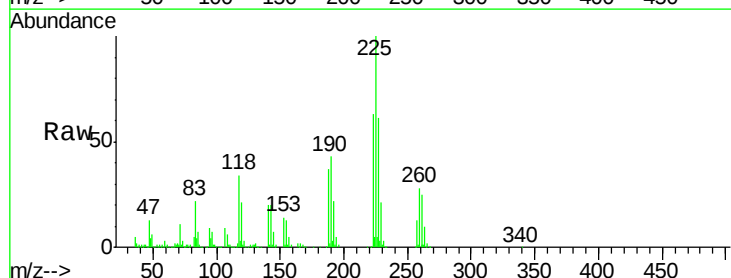
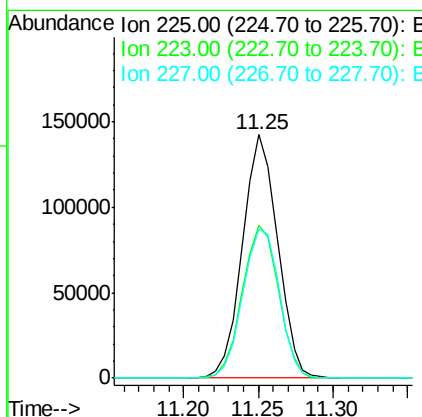
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#34
Hexachlorobutadiene
Concen: 33.48 ng
RT: 11.25 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BG023907.D
Acq: 25 Aug 2016 23:36

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	232473		
223	62.7	49.6	74.4	
227	61.4	54.5	81.7	





#35
 Caprolactam
 Concen: 6.54 ng
 RT: 11.91 min Scan# 1545
 Delta R.T. 0.04 min
 Lab File: BG023907.D
 Acq: 25 Aug 2016 23:36

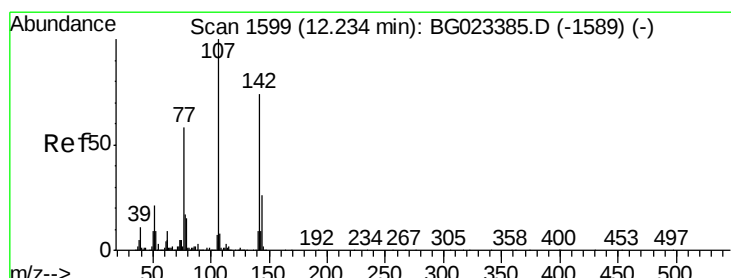
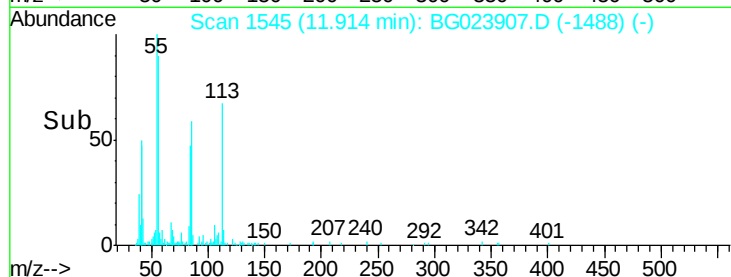
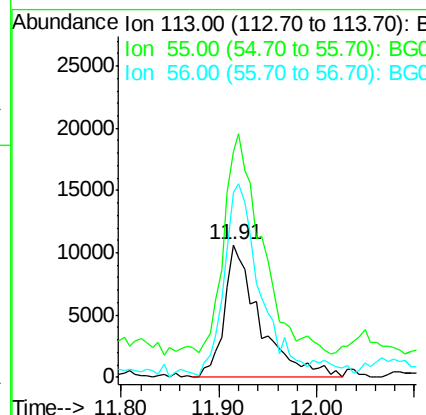
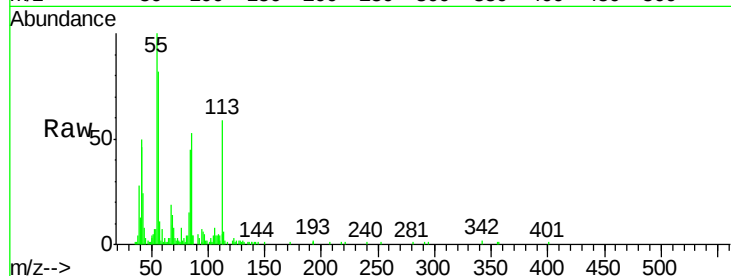
Instrument :
 BNA_G
 ClientSampleId :
 MW-04MS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	170.2	154.5	194.5
56	139.1	125.1	165.1

Manual Integrations
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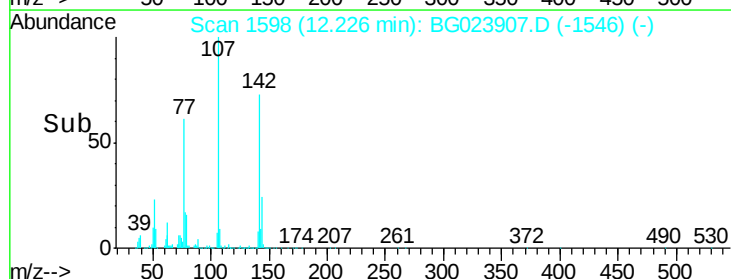
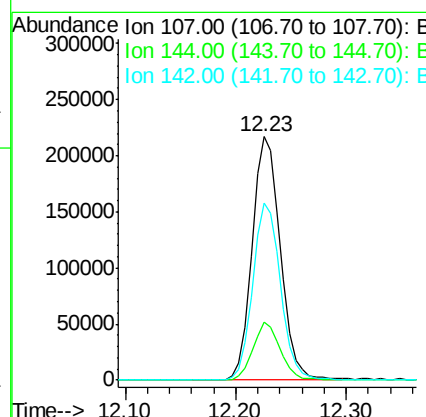
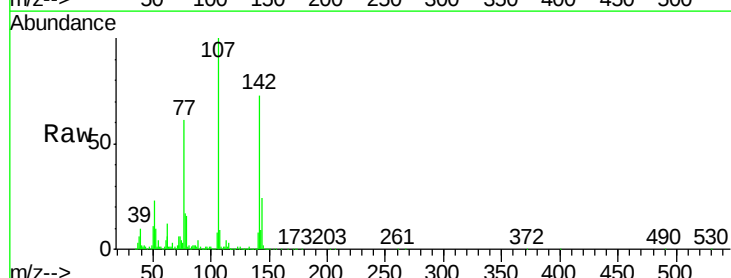
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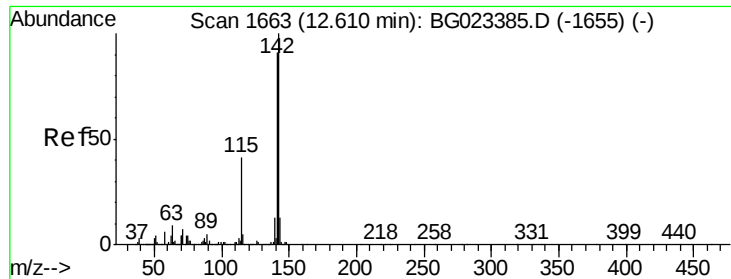
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#36
 4-Chloro-3-methylphenol
 Concen: 30.15 ng
 RT: 12.23 min Scan# 1598
 Delta R.T. 0.01 min
 Lab File: BG023907.D
 Acq: 25 Aug 2016 23:36

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.8	17.0	25.6
142	72.9	53.0	79.6





#37
 2-Methylnaphthalene
 Concen: 33.51 ng m
 RT: 12.58 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: BG023907.D
 Acq: 25 Aug 2016 23:36

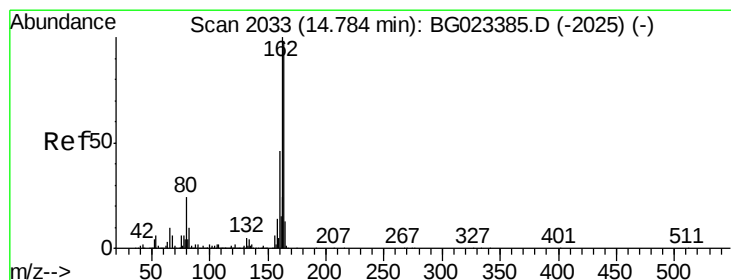
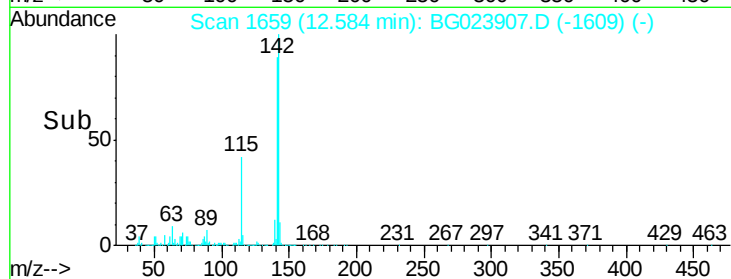
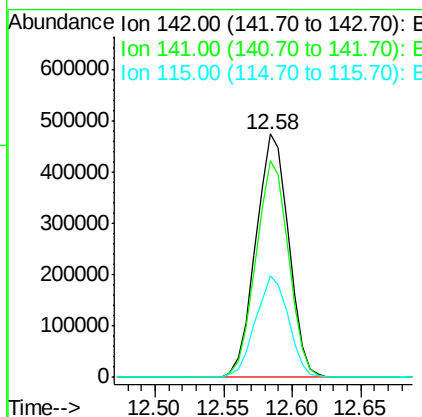
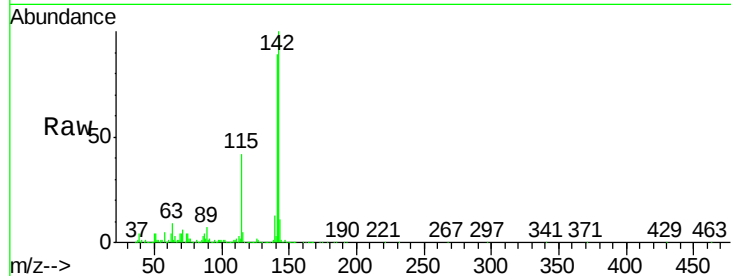
Instrument :
 BNA_G
 ClientSampleId :
 MW-04MS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.2	105.2
115	41.6	41.7	62.5#

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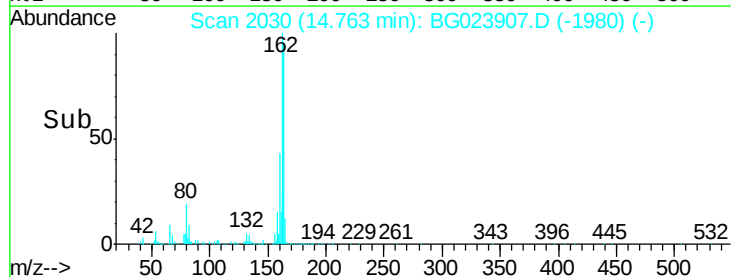
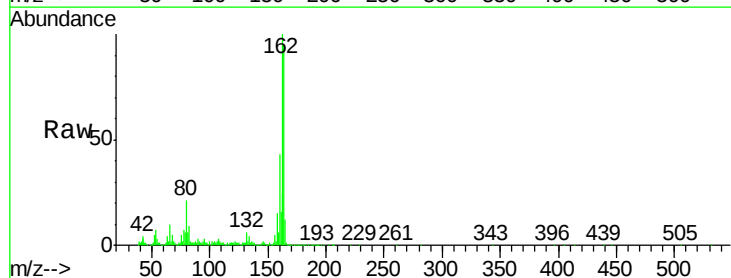
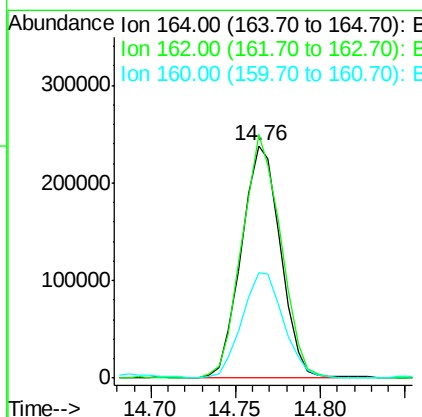
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.76 min Scan# 2030
 Delta R.T. -0.00 min
 Lab File: BG023907.D
 Acq: 25 Aug 2016 23:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	87.7	131.5
160	45.6	37.2	55.8





#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 27.43 ng
 RT: 12.95 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG023907.D
 Acq: 25 Aug 2016 23:36

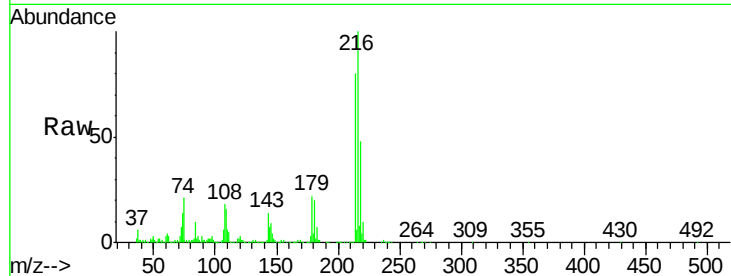
Instrument :
 BNA_G
 ClientSampleId :
 MW-04MS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	380835		
214	78.6	62.9	94.3	
179	22.3	17.2	25.8	
108	20.9	16.3	24.5	

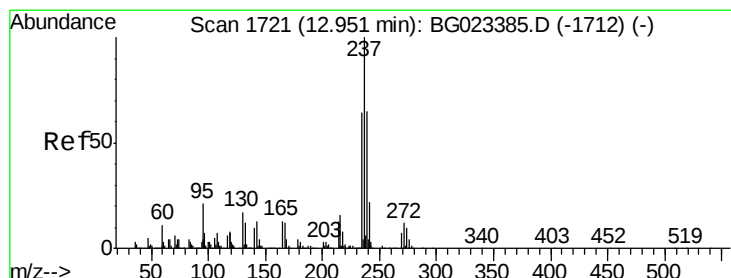
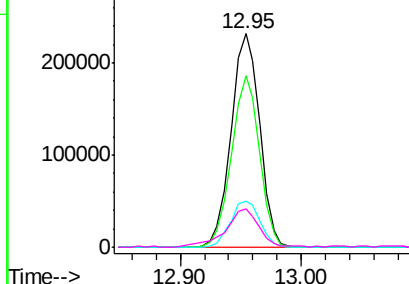
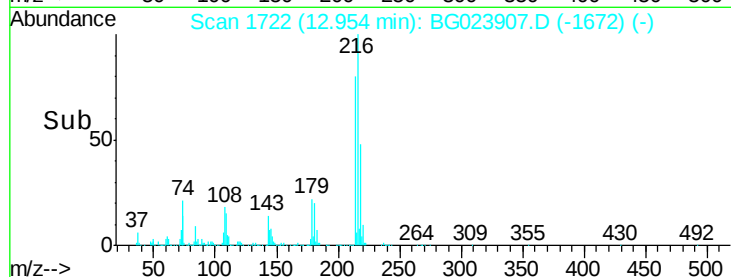
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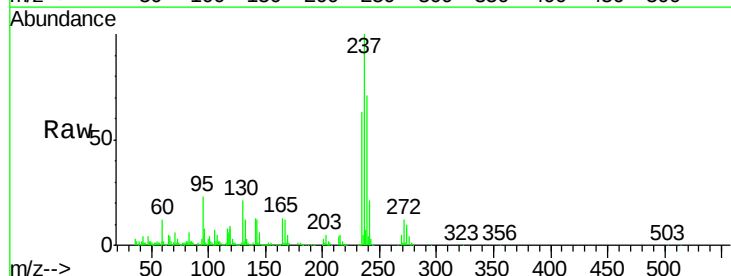


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

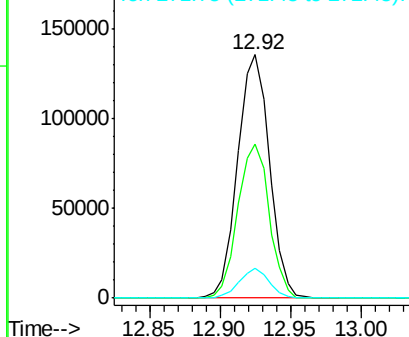
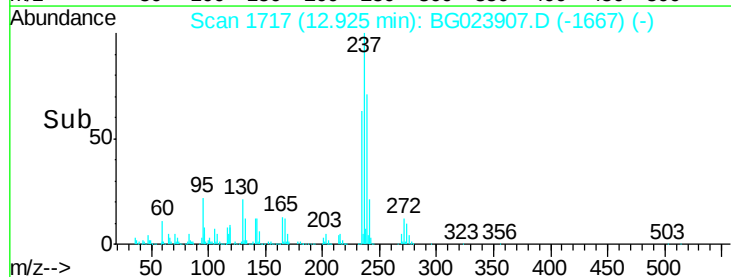


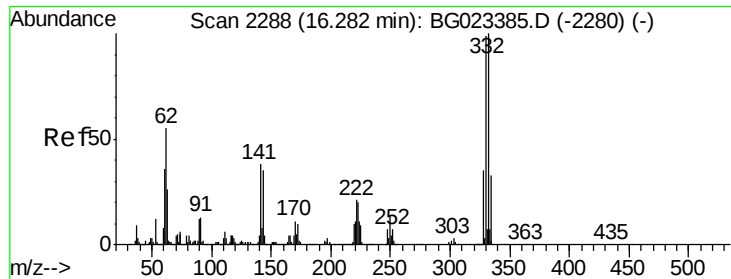
#40
 Hexachlorocyclopentadiene
 Concen: 30.50 ng
 RT: 12.92 min Scan# 1717
 Delta R.T. -0.00 min
 Lab File: BG023907.D
 Acq: 25 Aug 2016 23:36

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	213521		
235	63.3	43.1	83.1	
272	12.5	0.0	30.9	



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





#41
 2,4,6-Tribromophenol
 Concen: 86.98 ng
 RT: 16.27 min Scan# 2286
 Delta R.T. 0.00 min
 Lab File: BG023907.D
 Acq: 25 Aug 2016 23:36

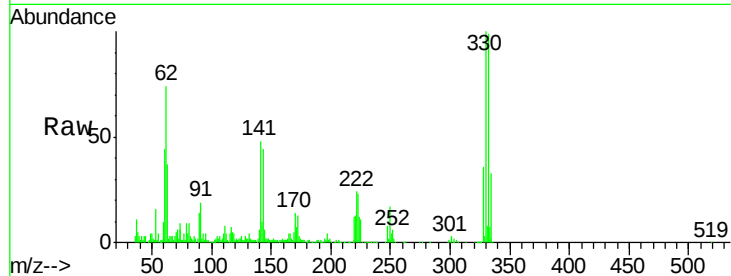
Instrument :
 BNA_G
 ClientSampleId :
 MW-04MS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	487118		
332	98.1	77.4	116.2	
141	44.4	31.7	47.5	

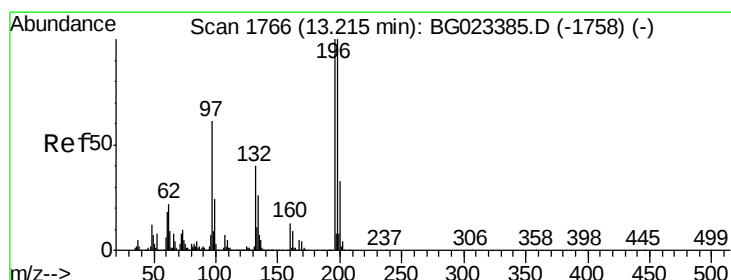
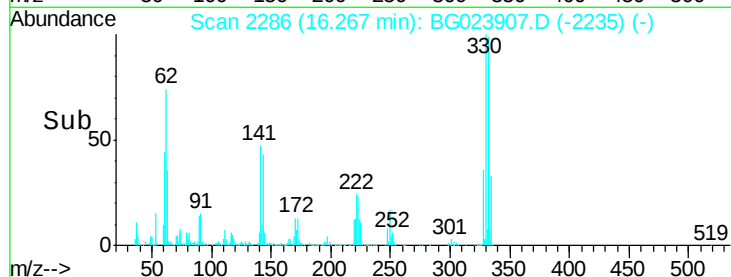
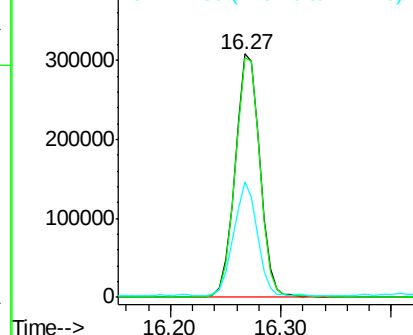
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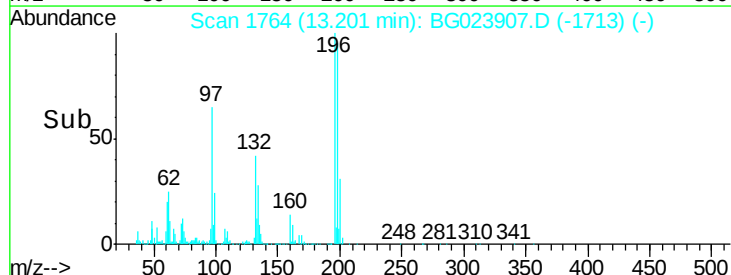
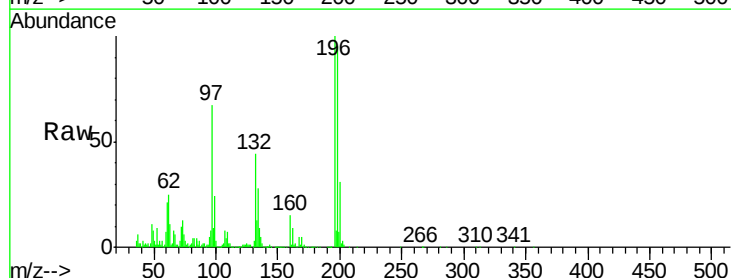
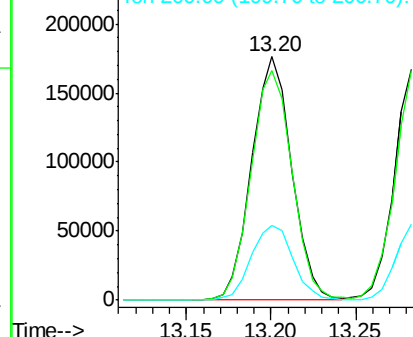
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

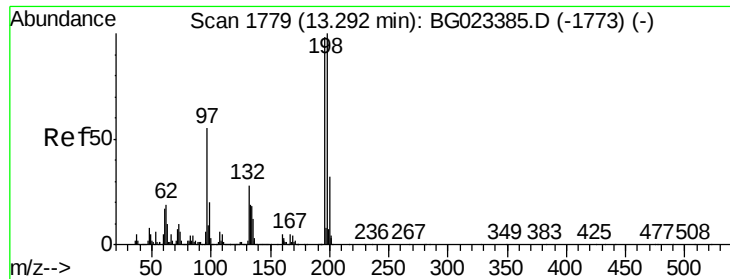


#42
 2,4,6-Trichlorophenol
 Concen: 35.02 ng
 RT: 13.20 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: BG023907.D
 Acq: 25 Aug 2016 23:36

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	289657		
198	94.5	78.2	117.2	
200	30.9	27.0	40.4	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
2,4,5-Trichlorophenol
Concen: 34.72 ng
RT: 13.28 min Scan# 1778
Delta R.T. 0.00 min
Lab File: BG023907.D
Acq: 25 Aug 2016 23:36

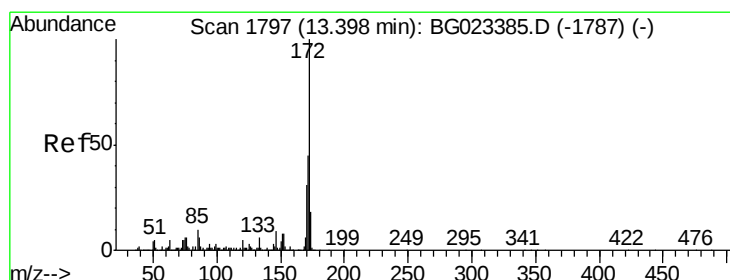
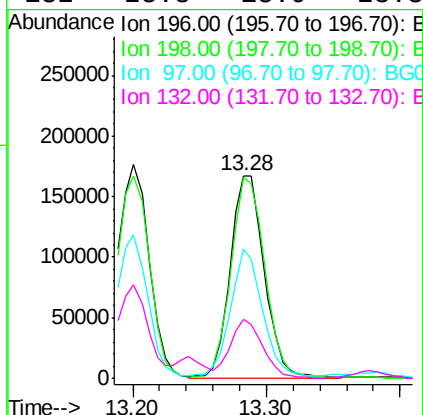
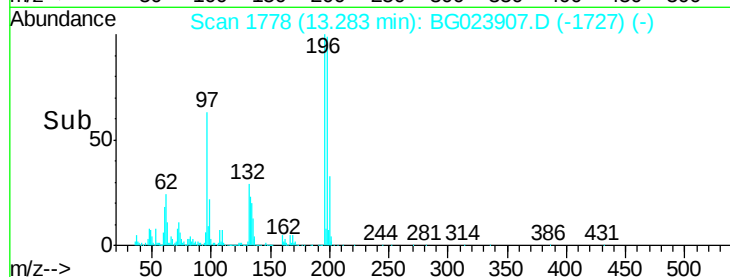
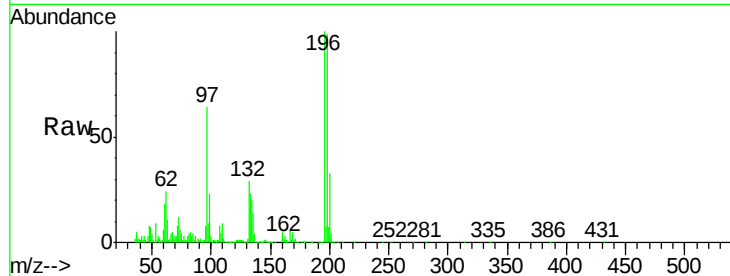
Instrument :
BNA_G
ClientSampled :
MW-04MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	295591		
198	99.1	85.7	128.5	
97	64.0	45.5	68.3	
132	28.8	18.9	28.3	

Manual Integrations
APPROVED

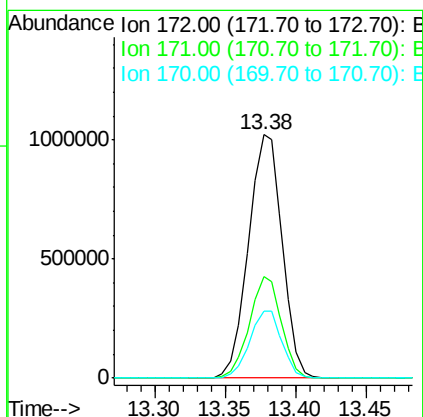
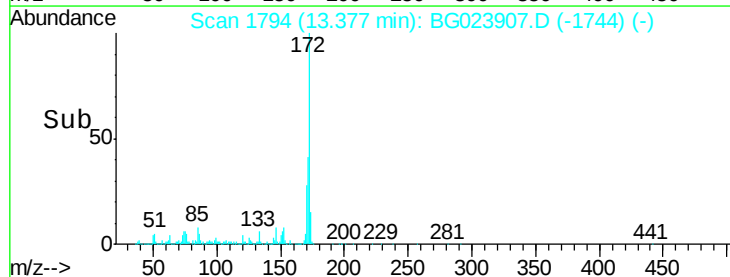
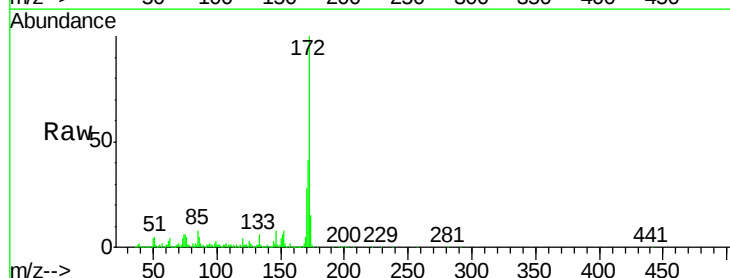
sohil

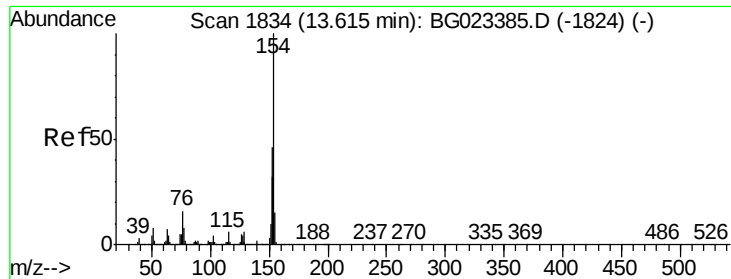
8/26/2016 5:56:02 PM



#44
2-Fluorobiphenyl
Concen: 75.31 ng
RT: 13.38 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BG023907.D
Acq: 25 Aug 2016 23:36

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1709604		
171	41.4	31.6	47.4	
170	27.7	21.3	31.9	





#45
1,1'-Biphenyl
Concen: 31.64 ng
RT: 13.59 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BG023907.D
Acq: 25 Aug 2016 23:36

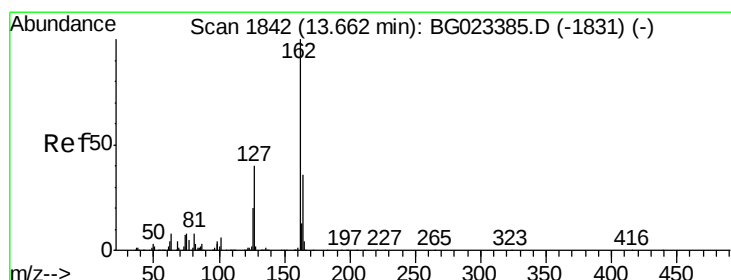
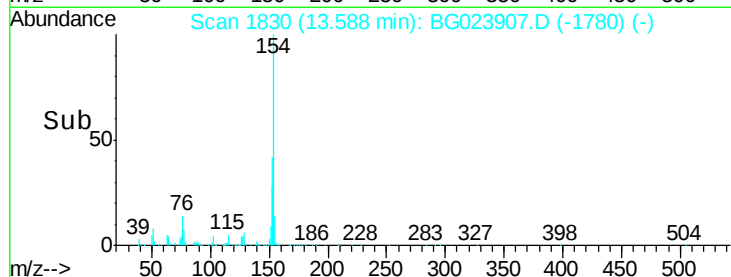
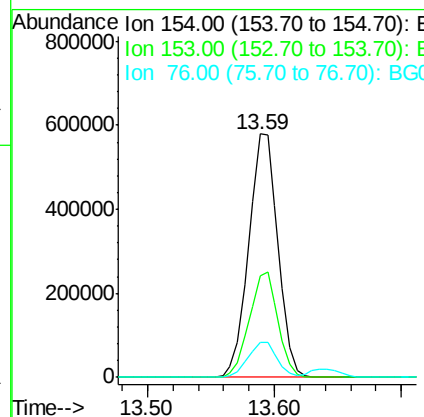
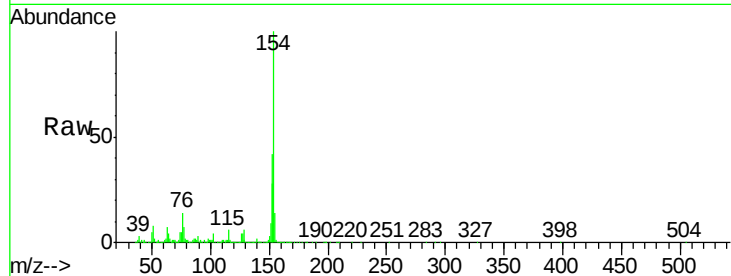
Instrument :
BNA_G
ClientSampleId :
MW-04MS

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	41.9	20.2	60.2
76	14.3	0.0	32.9

Manual Integrations
APPROVED

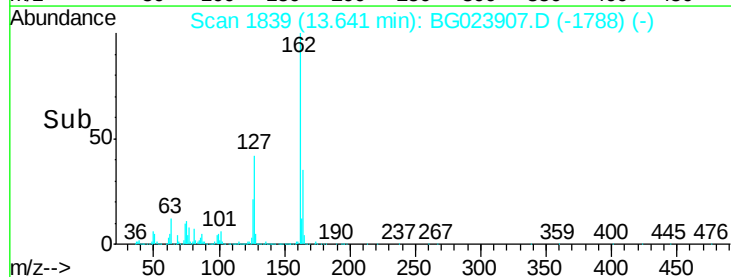
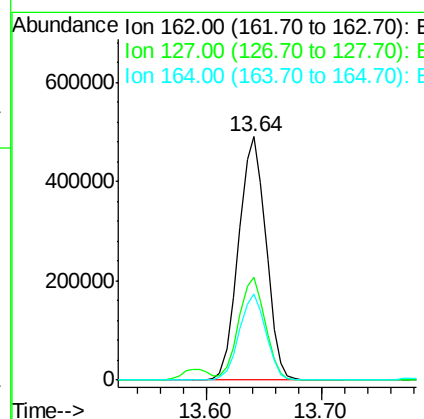
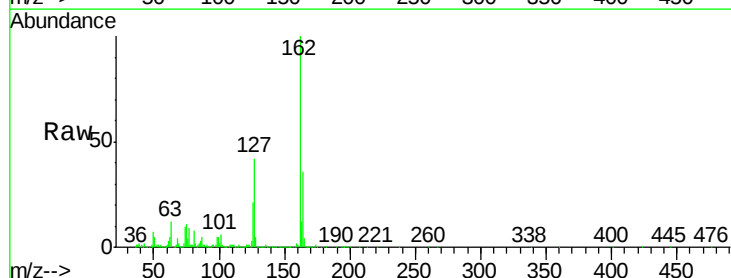
sohil

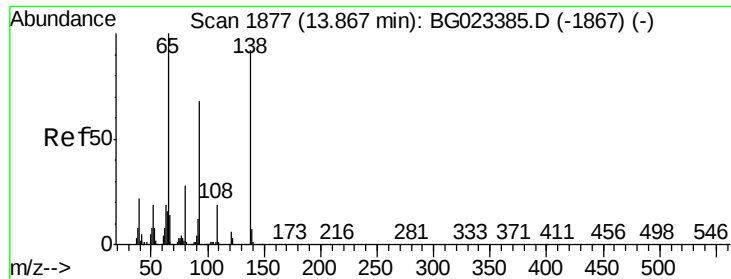
8/26/2016 5:56:02 PM



#46
2-Chloronaphthalene
Concen: 35.55 ng
RT: 13.64 min Scan# 1839
Delta R.T. 0.00 min
Lab File: BG023907.D
Acq: 25 Aug 2016 23:36

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	42.5	32.4	48.6
164	35.7	25.2	37.8





#47
2-Nitroaniline
Concen: 35.42 ng
RT: 13.85 min Scan# 1875
Delta R.T. 0.00 min
Lab File: BG023907.D
Acq: 25 Aug 2016 23:36

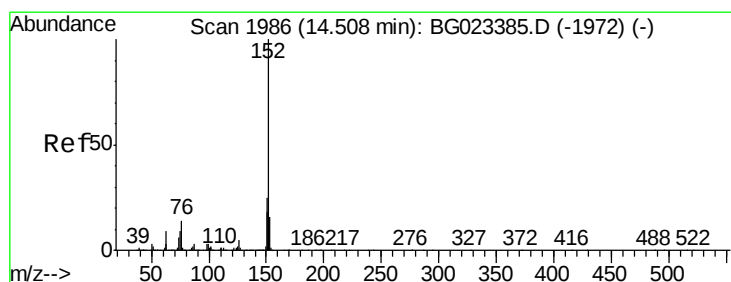
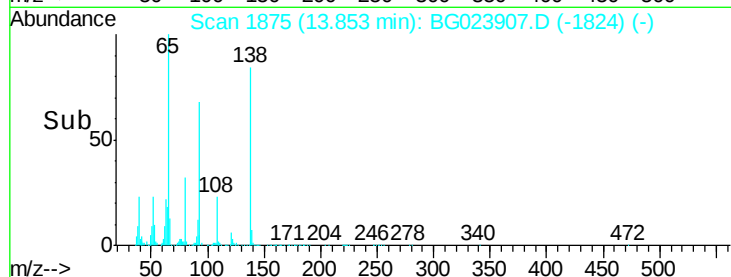
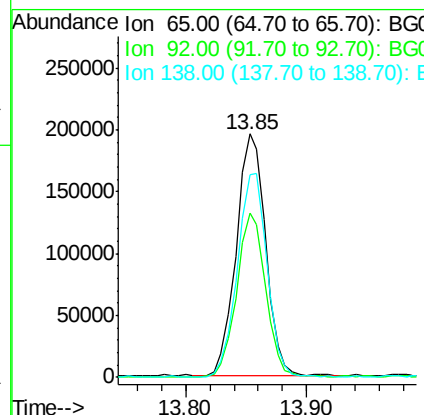
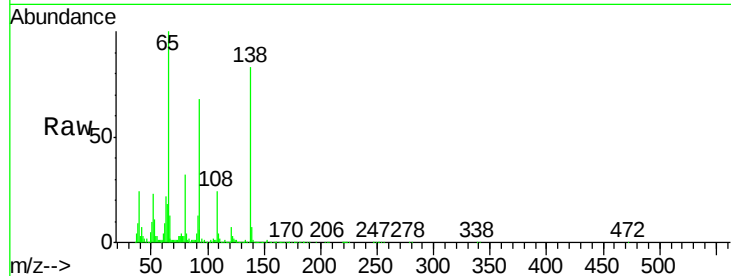
Instrument :
BNA_G
ClientSampled :
MW-04MS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.7	49.4	74.0
138	83.3	58.0	87.0

Manual Integrations
APPROVED

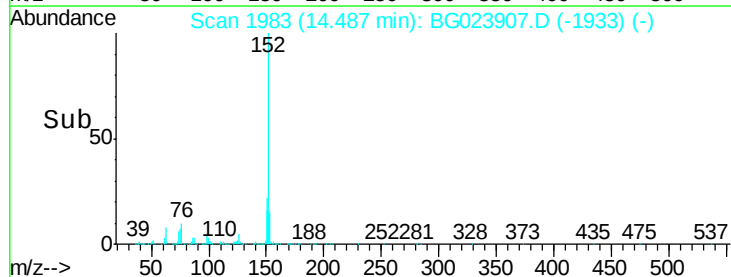
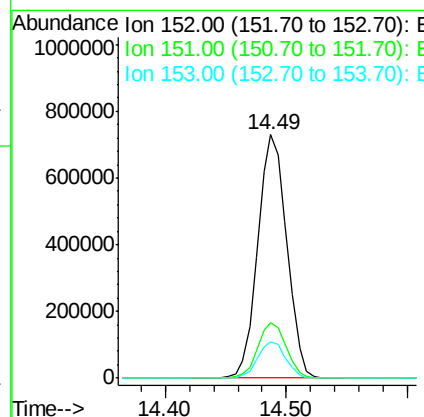
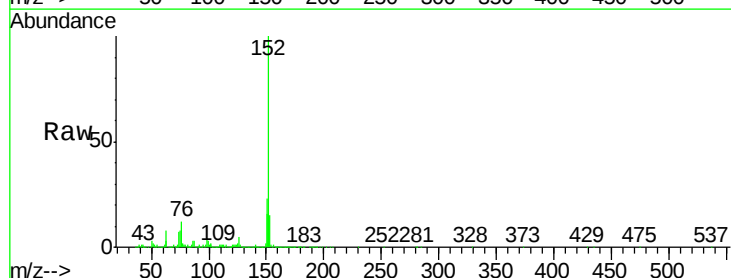
sohil

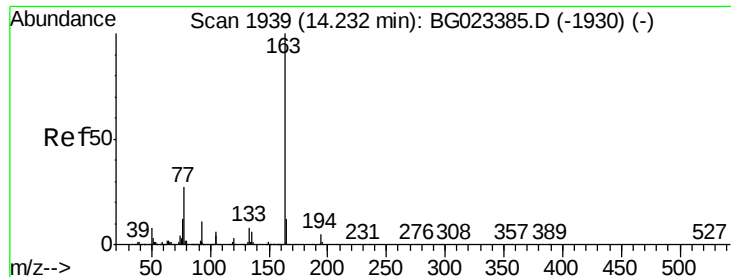
8/26/2016 5:56:02 PM



#48
Acenaphthylene
Concen: 33.87 ng
RT: 14.49 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BG023907.D
Acq: 25 Aug 2016 23:36

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.6	17.6	26.4
153	15.0	11.4	17.2





#49
Dimethylphthalate
Concen: 42.05 ng
RT: 14.22 min Scan# 1937
Delta R.T. 0.00 min
Lab File: BG023907.D
Acq: 25 Aug 2016 23:36

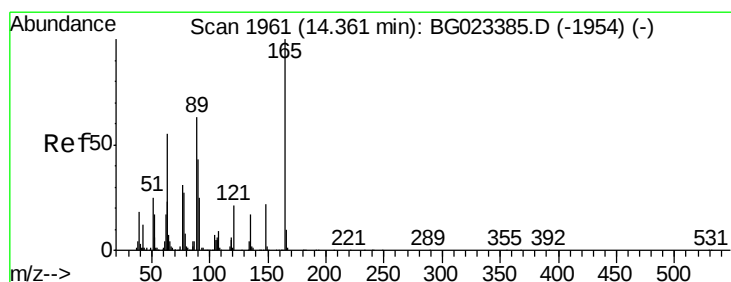
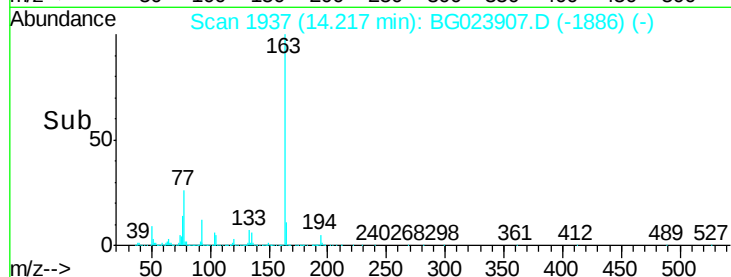
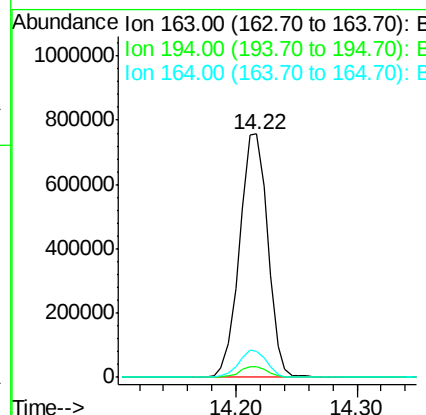
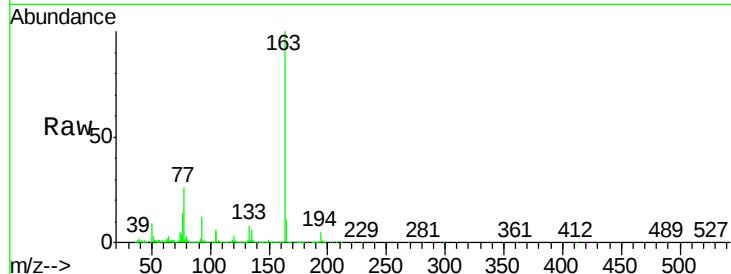
Instrument :
BNA_G
ClientSampleId :
MW-04MS

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.6	5.4
164	10.7	8.1	12.1

Manual Integrations
APPROVED

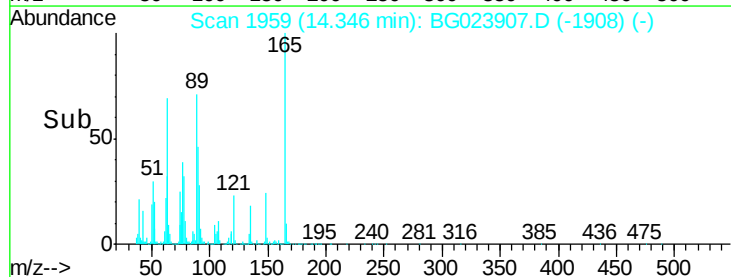
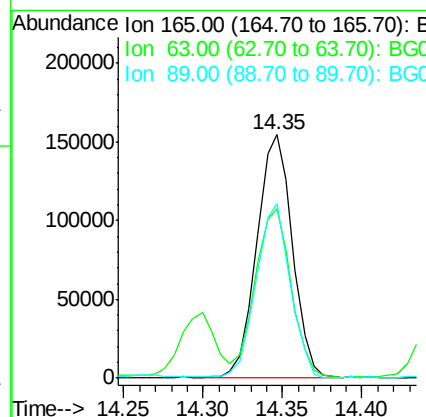
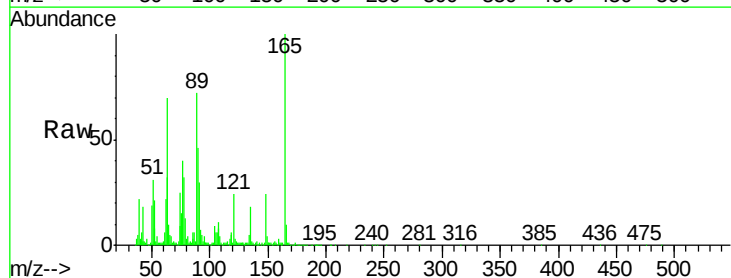
sohil

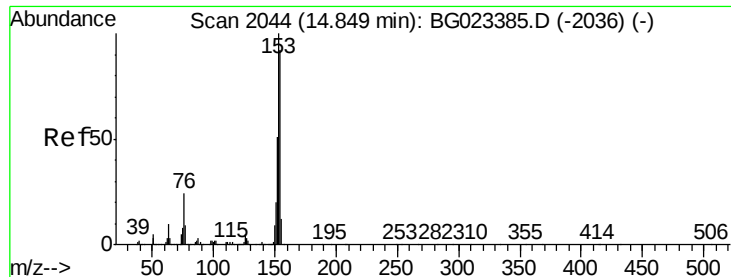
8/26/2016 5:56:02 PM



#50
2,6-Dinitrotoluene
Concen: 34.40 ng
RT: 14.35 min Scan# 1959
Delta R.T. 0.00 min
Lab File: BG023907.D
Acq: 25 Aug 2016 23:36

Tgt Ion	Ratio	Lower	Upper
165	100		
63	69.8	64.3	96.5
89	71.7	64.3	96.5





#51

Acenaphthene

Concen: 35.83 ng

RT: 14.83 min Scan# 2041

Delta R.T. -0.00 min

Lab File: BG023907.D

Acq: 25 Aug 2016 23:36

Instrument :

BNA_G

ClientSampleId :

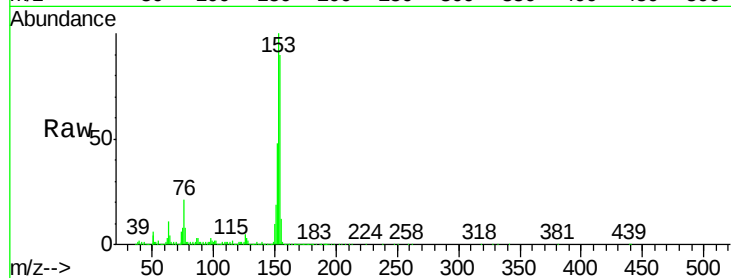
MW-04MS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	812375		
153	110.8	87.5	131.3	
152	53.4	42.7	64.1	

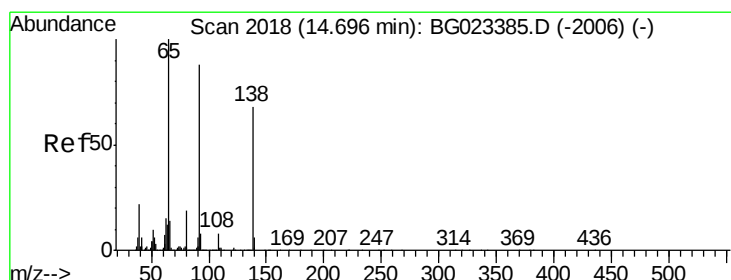
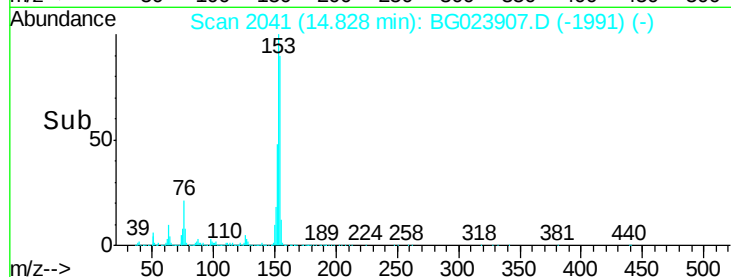
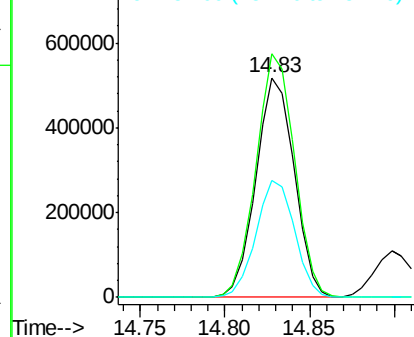
Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 12.79 ng

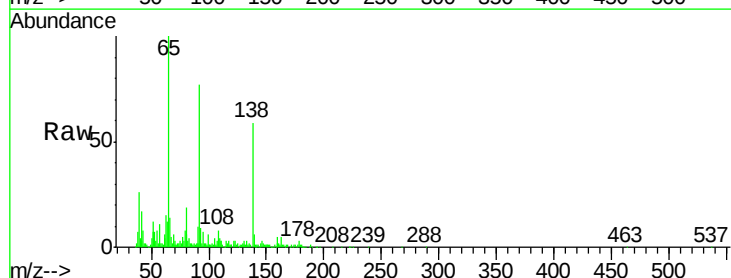
RT: 14.69 min Scan# 2017

Delta R.T. 0.01 min

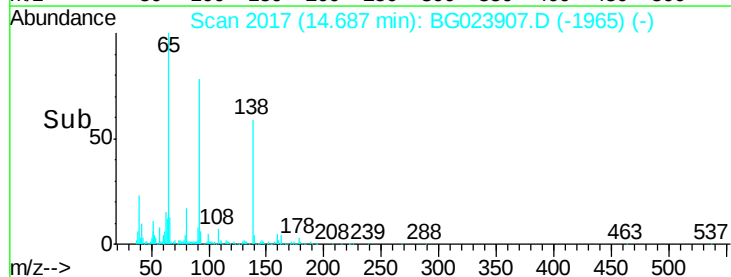
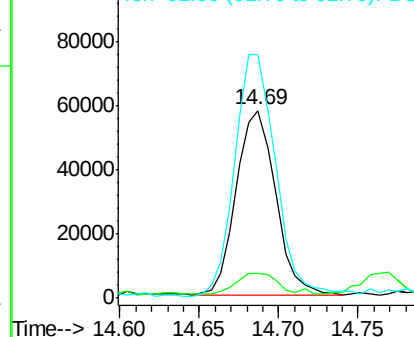
Lab File: BG023907.D

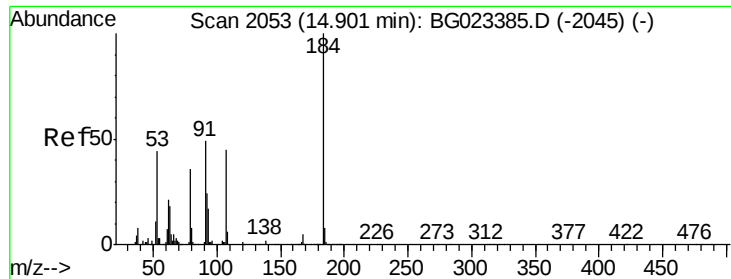
Acq: 25 Aug 2016 23:36

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	100331		
108	13.5	11.7	17.5	
92	129.6	129.7	194.5	



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): BG





#53
2,4-Dinitrophenol
Concen: 56.43 ng
RT: 14.90 min Scan# 2053
Delta R.T. -0.00 min
Lab File: BG023907.D
Acq: 25 Aug 2016 23:36

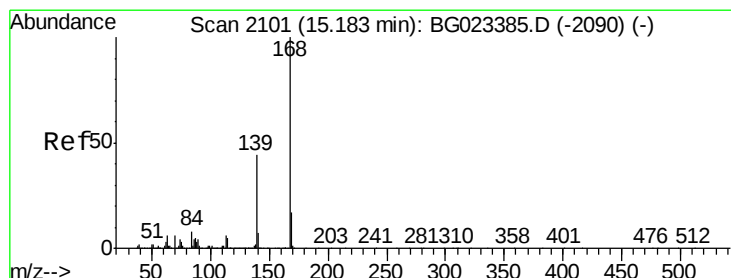
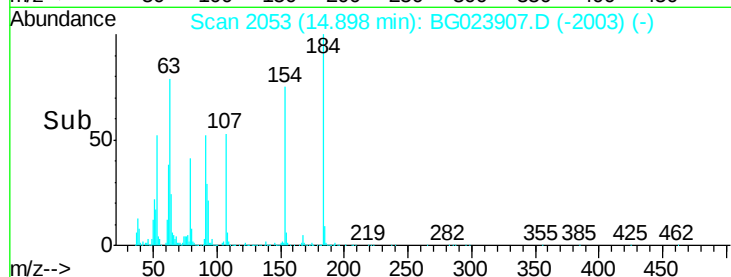
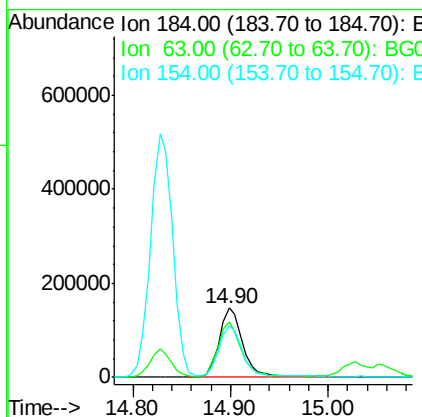
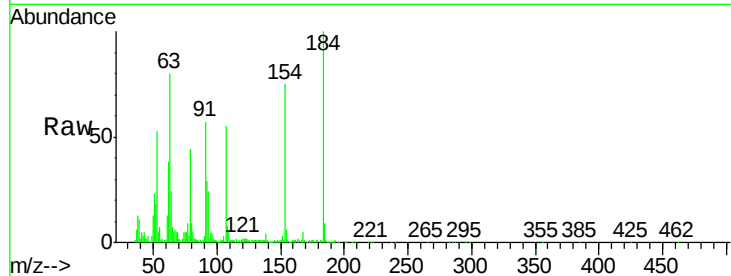
Instrument :
BNA_G
ClientSampleId :
MW-04MS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	251618		
63	79.9	59.6	89.4	
154	75.4	67.4	101.0	

Manual Integrations
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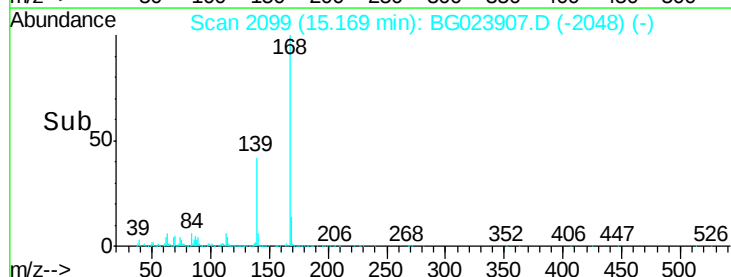
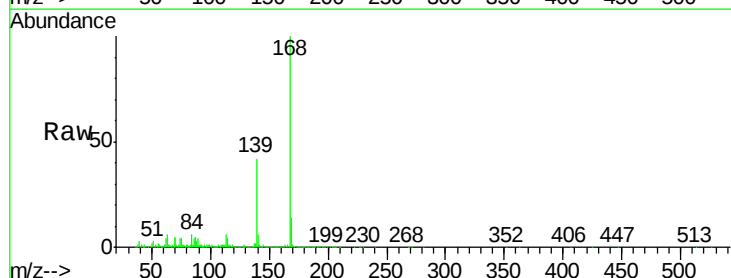
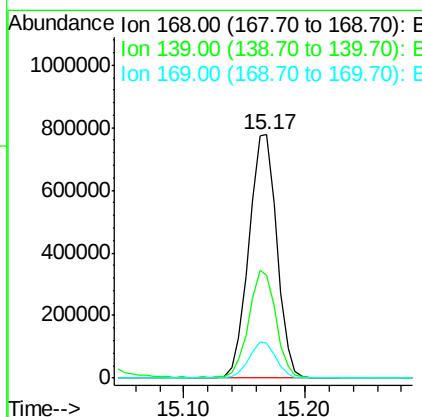
sohil

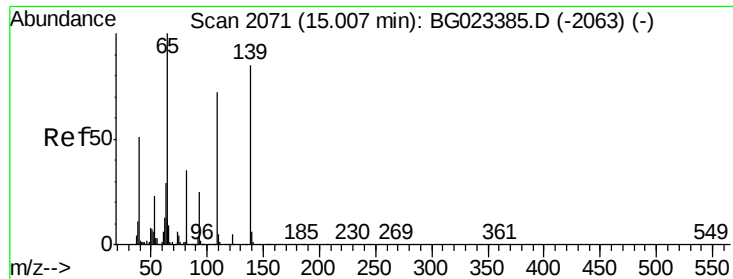
8/26/2016 5:56:02 PM



#54
Dibenzofuran
Concen: 38.19 ng
RT: 15.17 min Scan# 2099
Delta R.T. 0.00 min
Lab File: BG023907.D
Acq: 25 Aug 2016 23:36

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1257331		
139	42.1	36.4	54.6	
169	14.5	11.9	17.9	





#55
4-Nitrophenol
Concen: 25.53 ng
RT: 15.03 min Scan# 2075
Delta R.T. 0.02 min
Lab File: BG023907.D
Acq: 25 Aug 2016 23:36

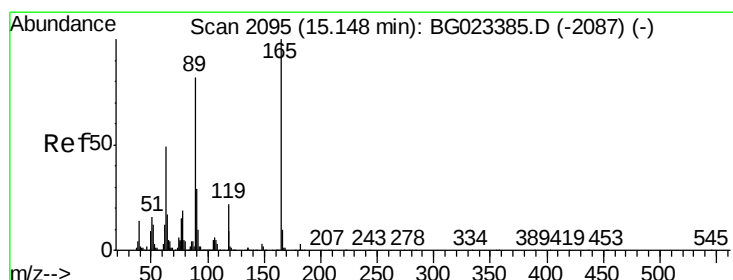
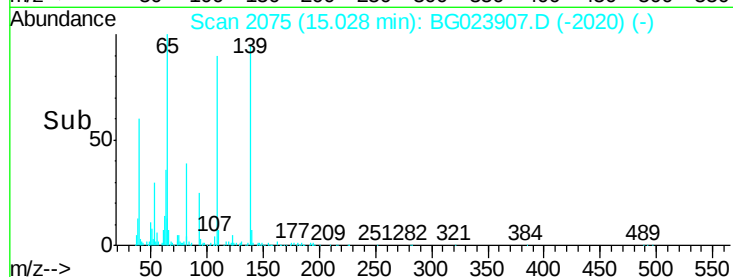
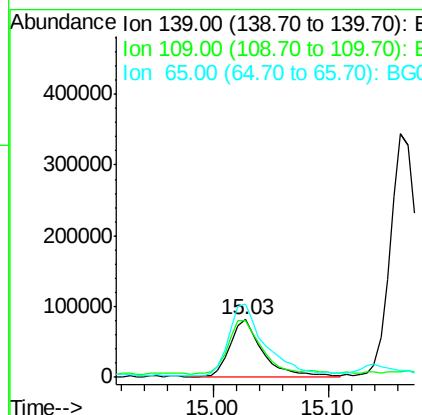
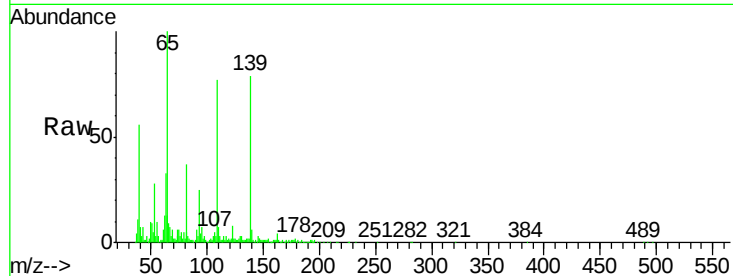
Instrument :
BNA_G
ClientSampleId :
MW-04MS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	157315		
109	97.9	103.0	143.0#	
65	127.2	112.7	152.7	

Manual Integrations
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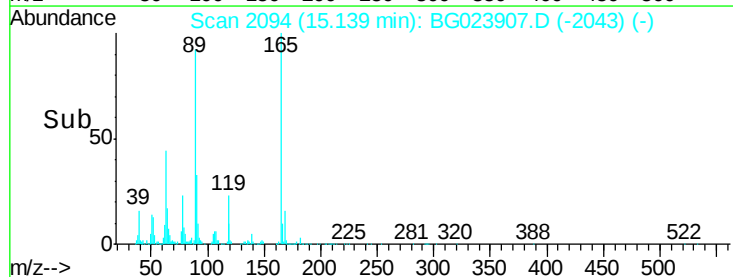
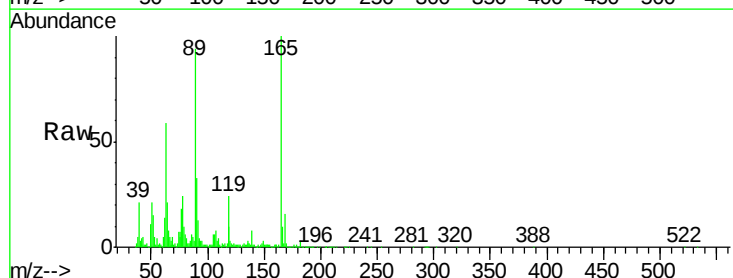
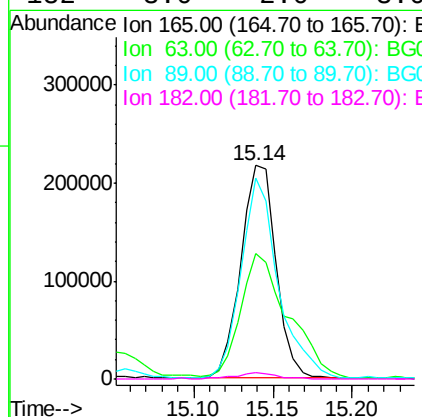
sohil

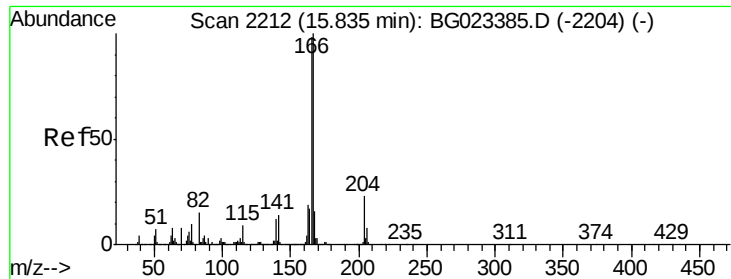
8/26/2016 5:56:02 PM



#56
2,4-Dinitrotoluene
Concen: 34.30 ng
RT: 15.14 min Scan# 2094
Delta R.T. 0.00 min
Lab File: BG023907.D
Acq: 25 Aug 2016 23:36

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	334903		
63	58.9	45.8	68.6	
89	94.2	68.6	102.8	
182	3.0	2.0	3.0	





#57

Fluorene

Concen: 35.25 ng

RT: 15.82 min Scan# 2210

Delta R.T. 0.00 min

Lab File: BG023907.D

Acq: 25 Aug 2016 23:36

Instrument :

BNA_G

ClientSampleId :

MW-04MS

Tgt Ion:166 Resp: 1012536

Ion Ratio Lower Upper

166 100

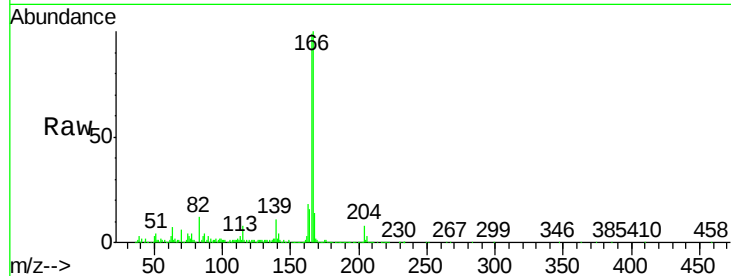
165 99.3 81.0 121.6

167 14.3 12.0 18.0

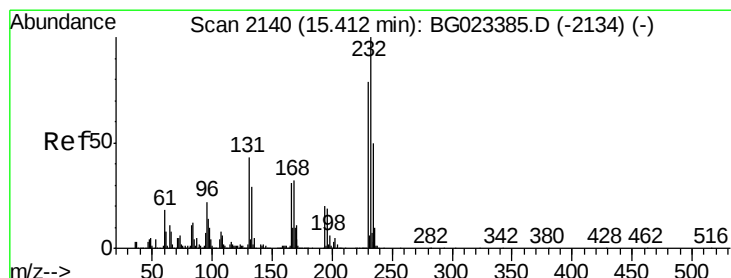
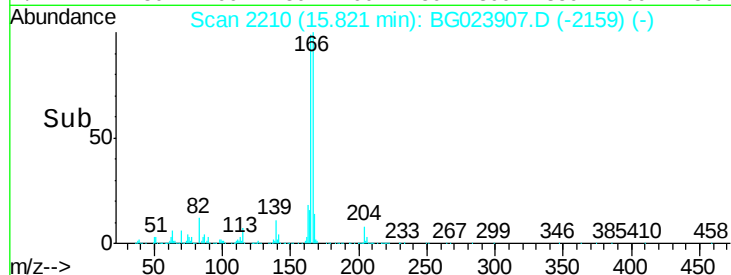
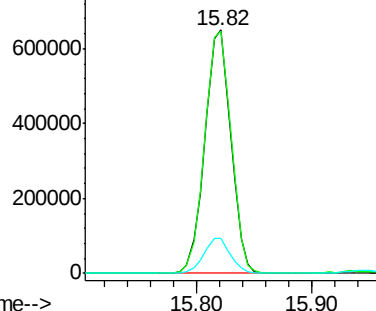
Manual Integrations
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 35.28 ng m

RT: 15.40 min Scan# 2139

Delta R.T. 0.00 min

Lab File: BG023907.D

Acq: 25 Aug 2016 23:36

Tgt Ion:232 Resp: 275692

Ion Ratio Lower Upper

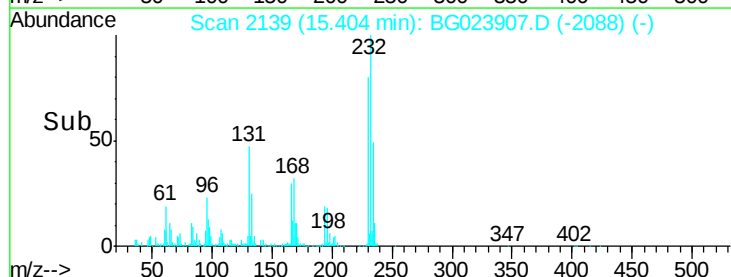
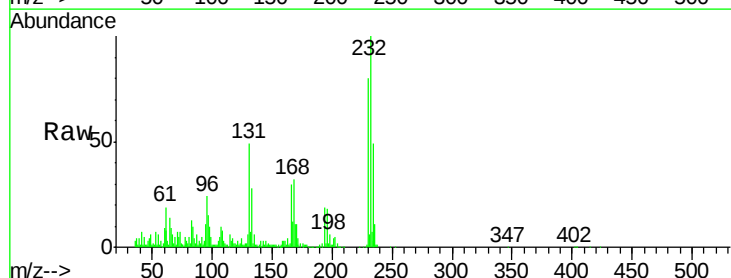
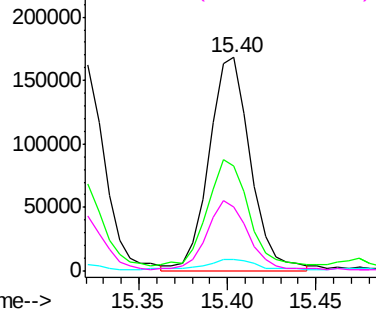
232 100

131 44.2 32.7 49.1

130 3.0 2.6 3.8

166 25.9 23.0 34.6

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: 36.20 ng
RT: 15.57 min Scan# 2168
Delta R.T. 0.00 min
Lab File: BG023907.D
Acq: 25 Aug 2016 23:36

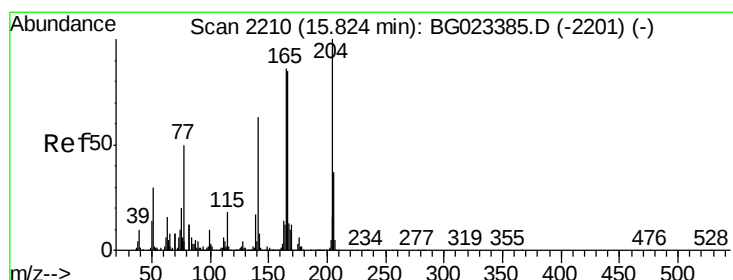
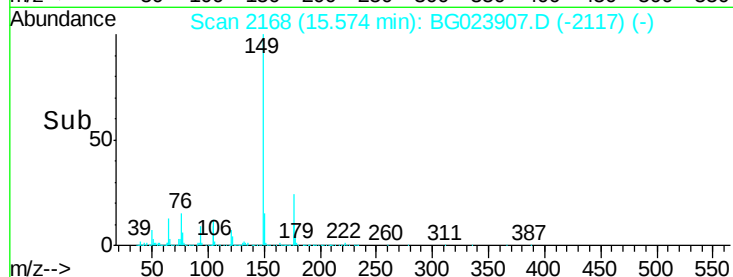
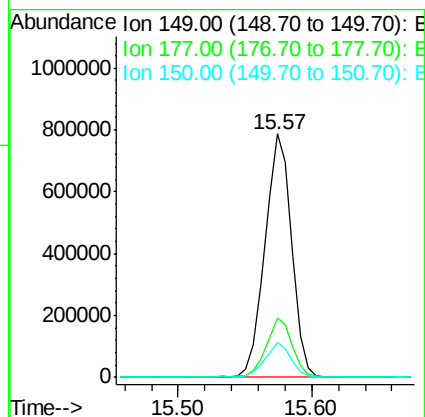
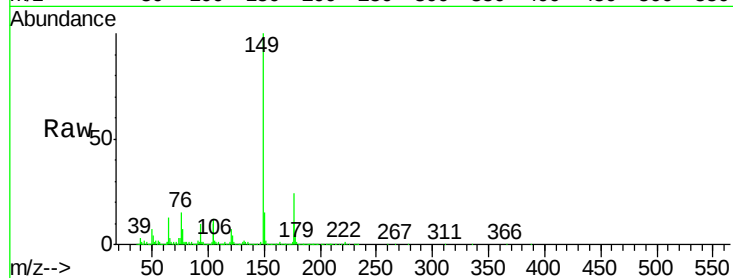
Instrument :
BNA_G
ClientSampled :
MW-04MS

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.4	19.2	28.8
150	14.6	10.6	16.0

Manual Integrations
APPROVED

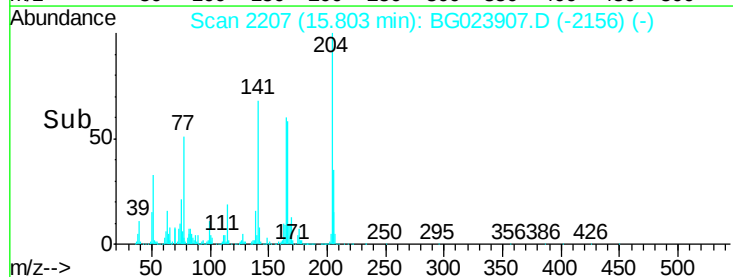
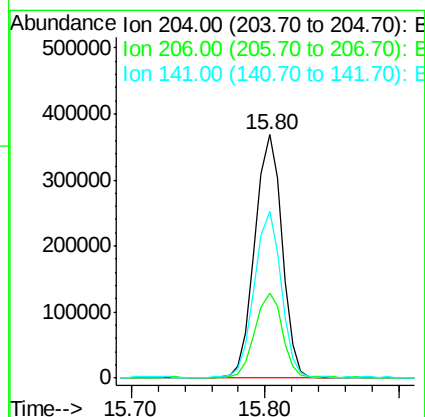
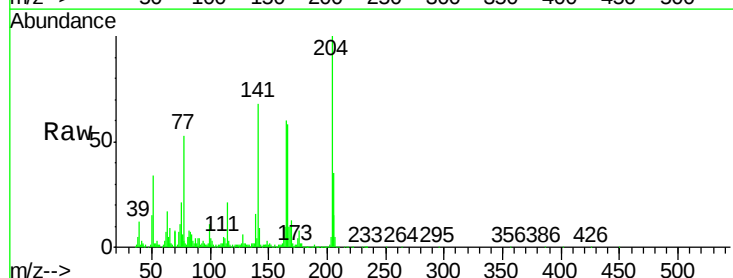
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#60
4-Chlorophenyl-phenylether
Concen: 33.99 ng
RT: 15.80 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BG023907.D
Acq: 25 Aug 2016 23:36

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.8	28.5	42.7
141	68.3	51.4	77.0





#61
4-Nitroaniline
Concen: 22.49 ng
RT: 15.86 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BG023907.D
Acq: 25 Aug 2016 23:36

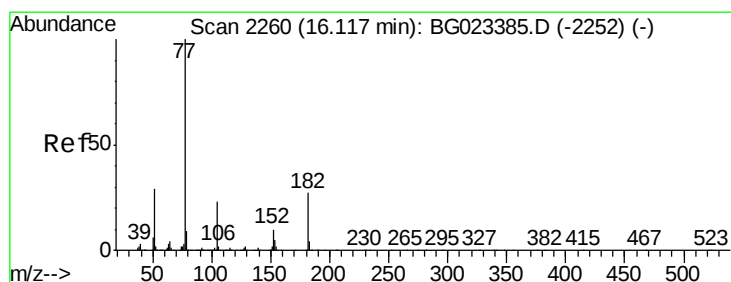
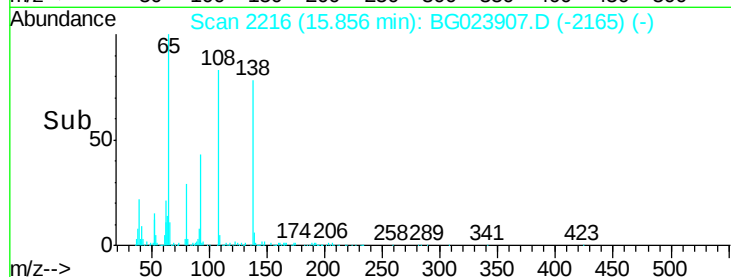
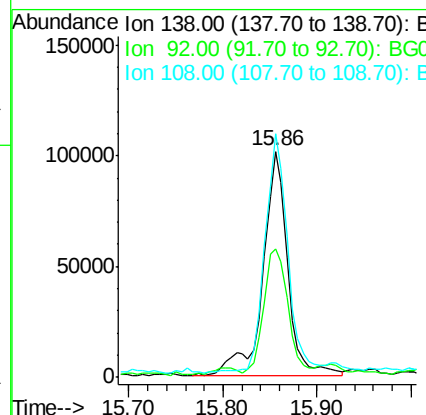
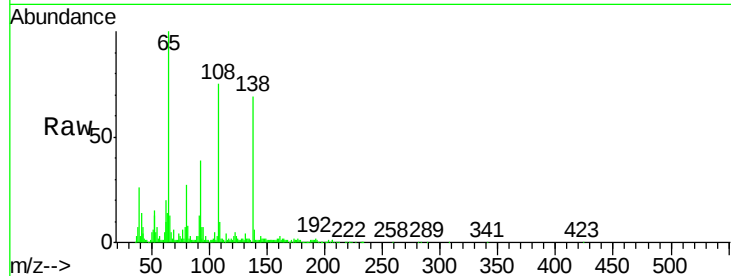
Instrument :
BNA_G
ClientSampled :
MW-04MS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.8	54.1	94.1
108	107.7	133.9	173.9#

Manual Integrations
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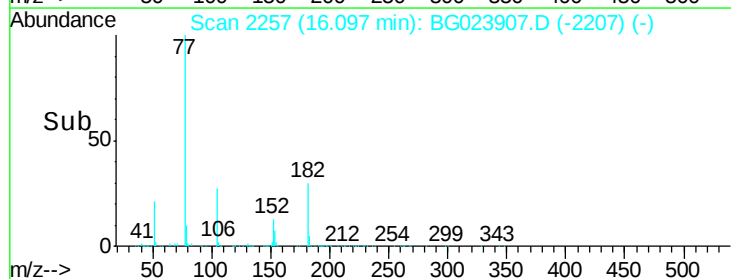
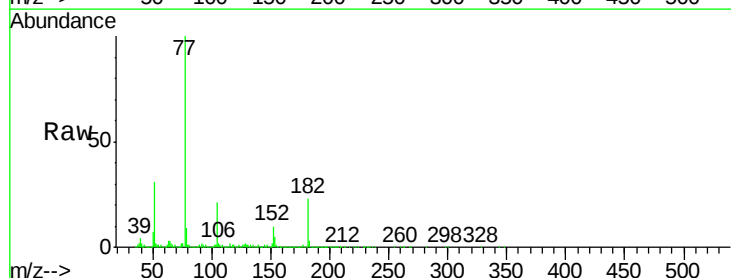
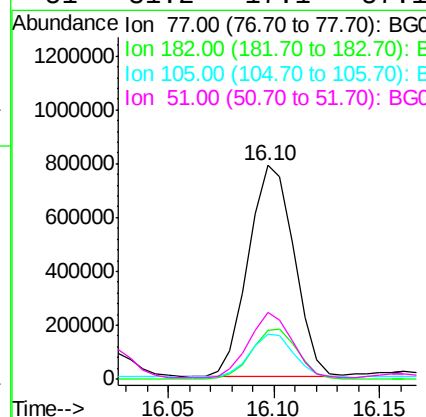
sohil

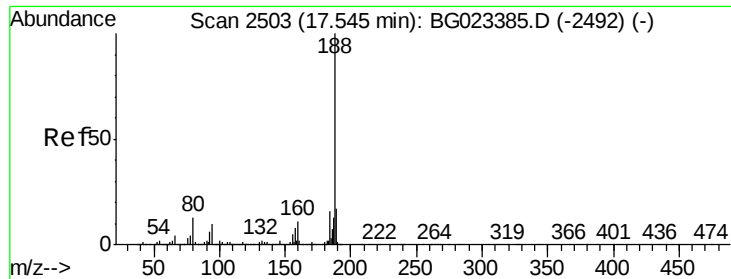
8/26/2016 5:56:02 PM



#62
Azobenzene
Concen: 39.17 ng
RT: 16.10 min Scan# 2257
Delta R.T. -0.00 min
Lab File: BG023907.D
Acq: 25 Aug 2016 23:36

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.6	3.5	43.5
105	20.9	0.0	38.5
51	31.2	17.1	57.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.53 min Scan# 2501

Delta R.T. 0.00 min

Lab File: BG023907.D

Acq: 25 Aug 2016 23:36

Instrument :

BNA_G

ClientSampleId :

MW-04MS

Tgt Ion:188 Resp: 826525
Ion Ratio Lower Upper

188 100

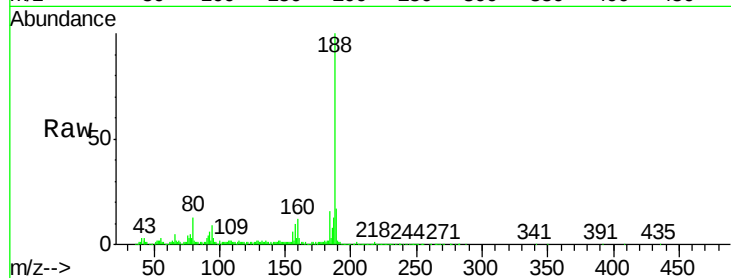
94 9.2 5.2 7.8#

80 13.1 7.2 10.8#

Manual Integrations
APPROVED

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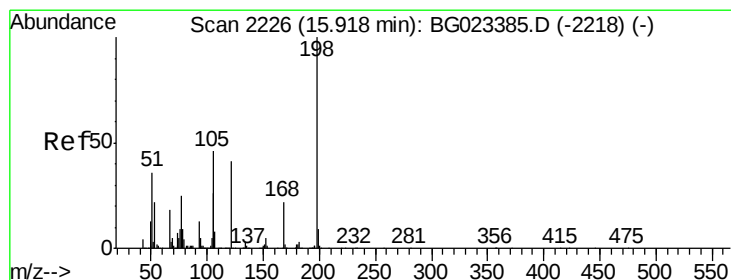
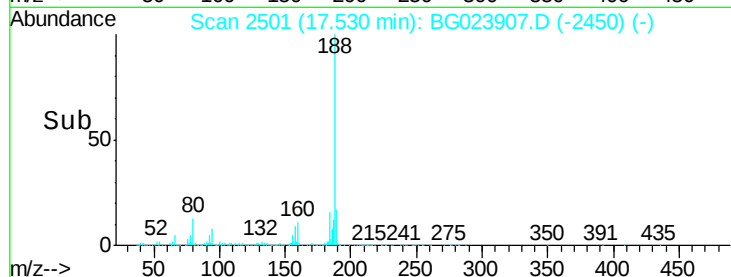
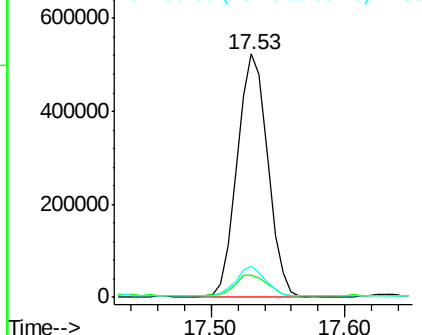
8/26/2016 5:56:02 PM



Abundance Ion 188.00 (187.70 to 188.70): E

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: 33.47 ng

RT: 15.91 min Scan# 2226

Delta R.T. 0.00 min

Lab File: BG023907.D

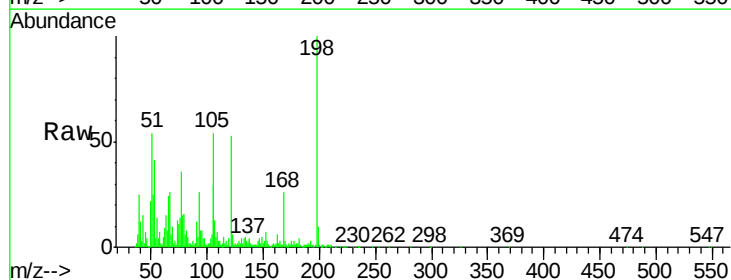
Acq: 25 Aug 2016 23:36

Tgt Ion:198 Resp: 188080
Ion Ratio Lower Upper

198 100

51 53.8 26.0 66.0

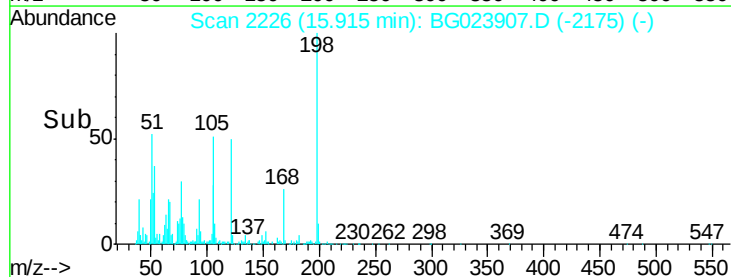
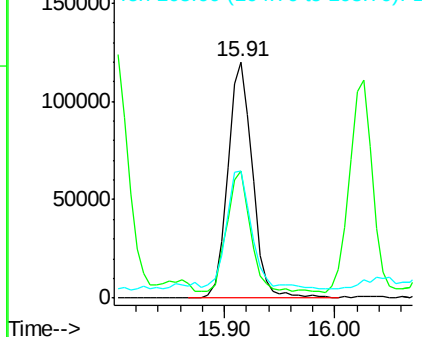
105 54.0 20.1 60.1

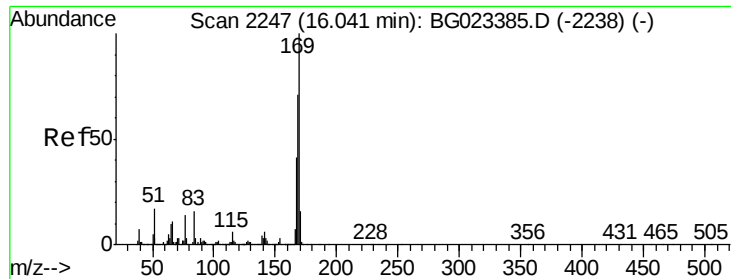


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.72 ng

RT: 16.03 min Scan# 2245

Delta R.T. 0.00 min

Lab File: BG023907.D

Acq: 25 Aug 2016 23:36

Instrument :

BNA_G

ClientSampleId :

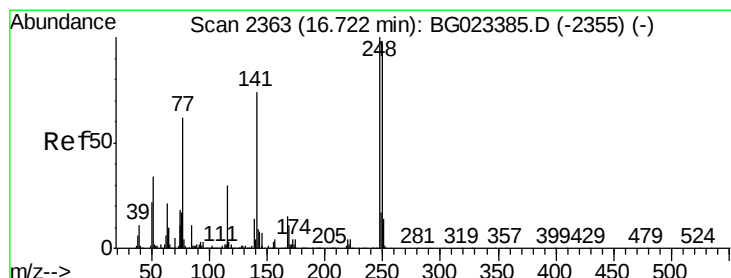
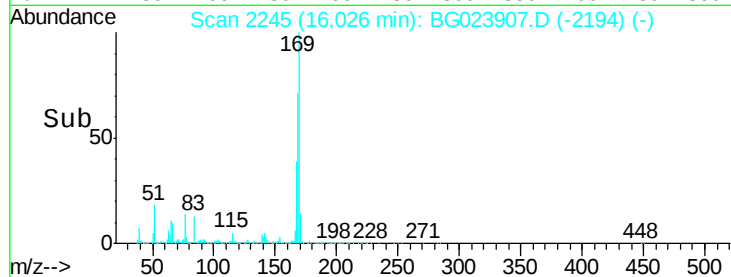
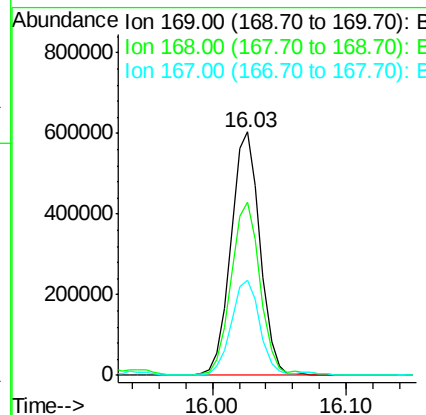
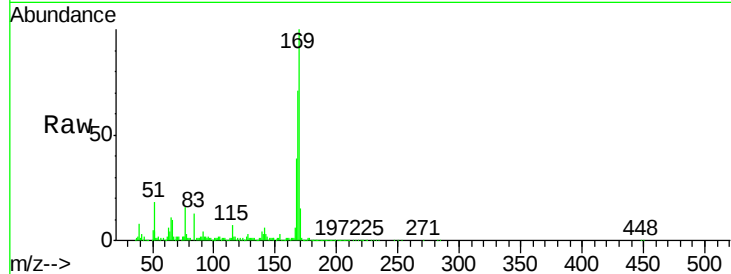
MW-04MS

Tgt Ion:	169	Resp:	914356
Ion Ratio	Lower	Upper	
169	100		
168	71.1	55.0	82.4
167	39.0	27.4	41.0

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 35.73 ng

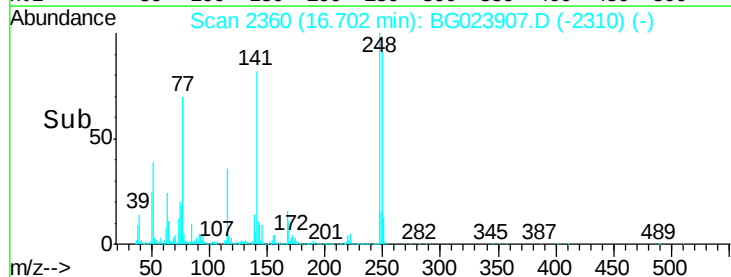
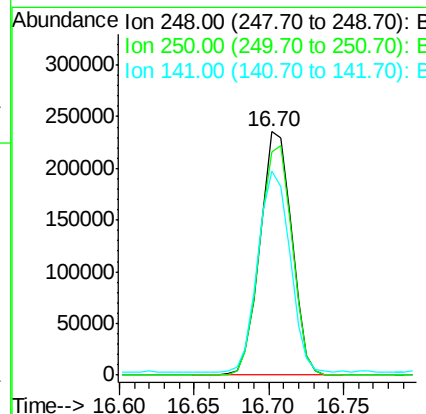
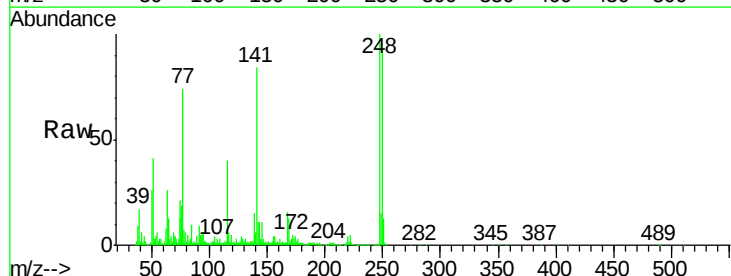
RT: 16.70 min Scan# 2360

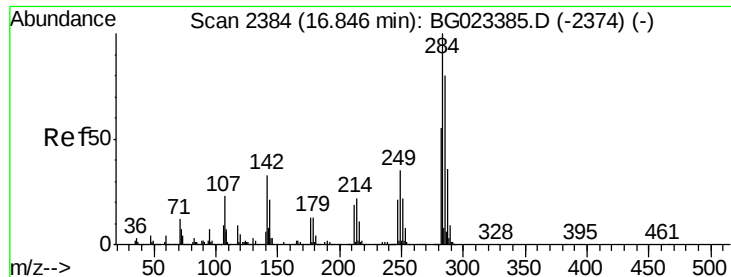
Delta R.T. -0.00 min

Lab File: BG023907.D

Acq: 25 Aug 2016 23:36

Tgt Ion:	248	Resp:	344164
Ion Ratio	Lower	Upper	
248	100		
250	91.7	77.8	116.8
141	83.9	65.7	98.5





#67

Hexachlorobenzene

Concen: 33.78 ng

RT: 16.83 min Scan# 2382

Delta R.T. 0.00 min

Lab File: BG023907.D

Acq: 25 Aug 2016 23:36

Instrument :

BNA_G

ClientSampleId :

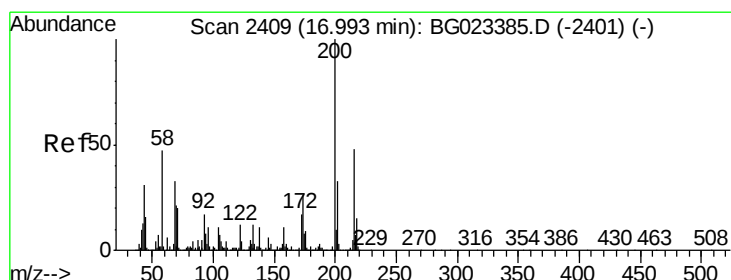
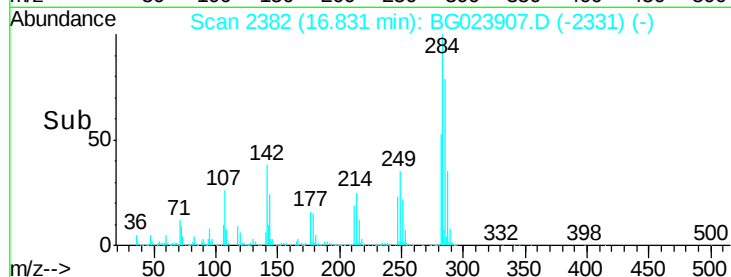
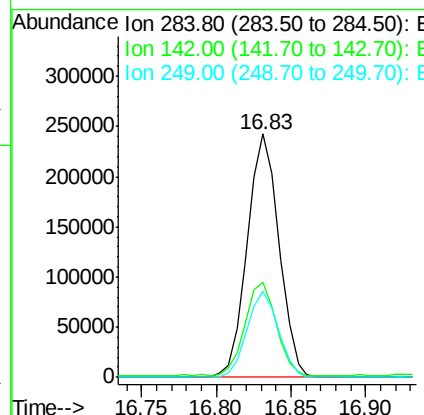
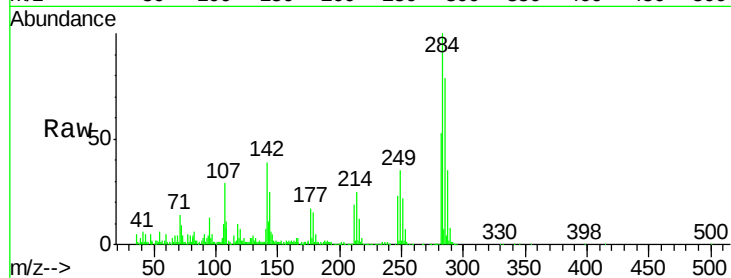
MW-04MS

Tgt Ion:	284	Resp:	356013
Ion Ratio	Lower	Upper	
284	100		
142	38.8	26.8	40.2
249	35.3	28.9	43.3

Manual Integrations
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#68

Atrazine

Concen: 27.25 ng

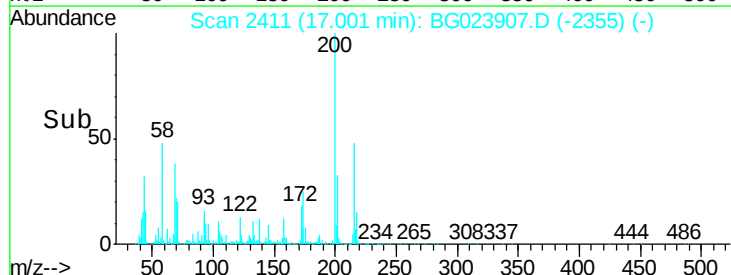
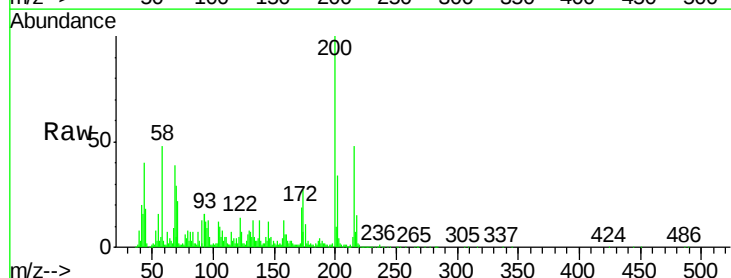
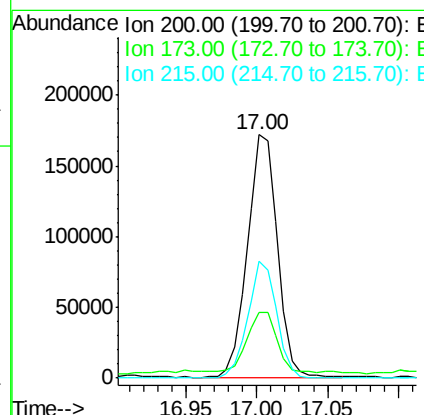
RT: 17.00 min Scan# 2411

Delta R.T. 0.03 min

Lab File: BG023907.D

Acq: 25 Aug 2016 23:36

Tgt Ion:	200	Resp:	253681
Ion Ratio	Lower	Upper	
200	100		
173	26.9	1.6	41.6
215	47.9	28.7	68.7





#69
 Pentachlorophenol
 Concen: 65.52 ng
 RT: 17.19 min Scan# 2443
 Delta R.T. 0.01 min
 Lab File: BG023907.D
 Acq: 25 Aug 2016 23:36

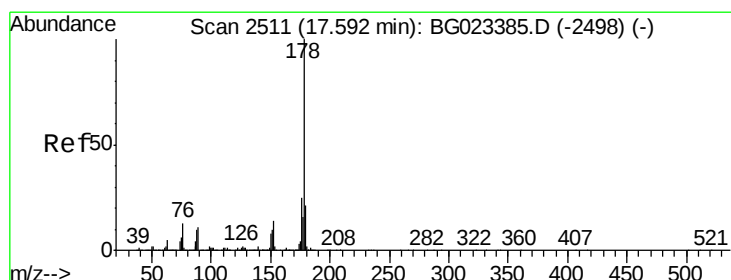
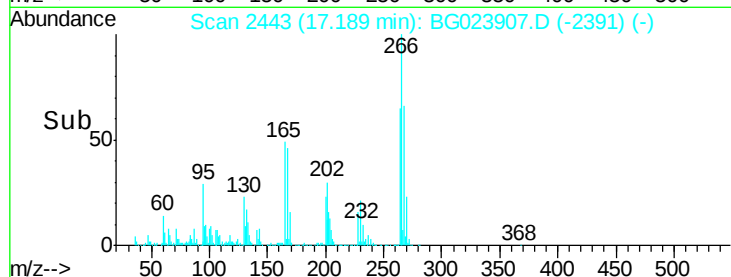
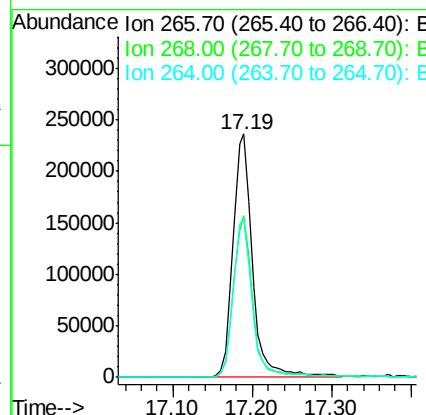
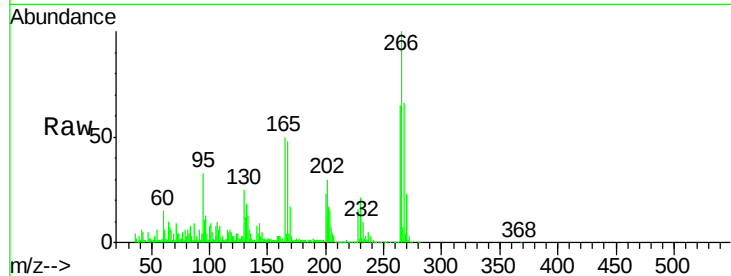
Instrument :
 BNA_G
 ClientSampleId :
 MW-04MS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	402596		
268	66.2	51.9	77.9	
264	64.8	50.6	75.8	

Manual Integrations
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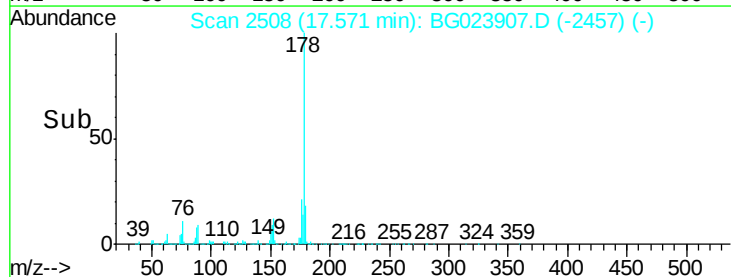
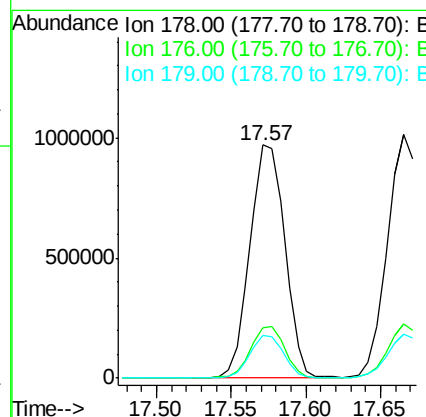
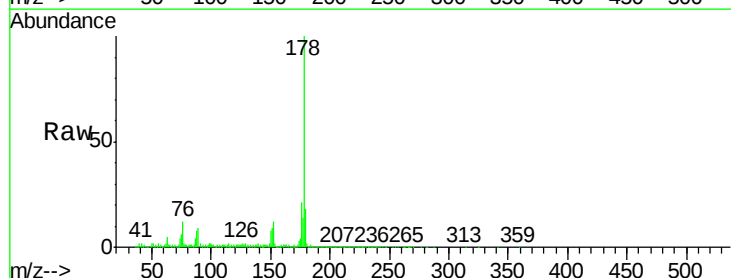
sohil

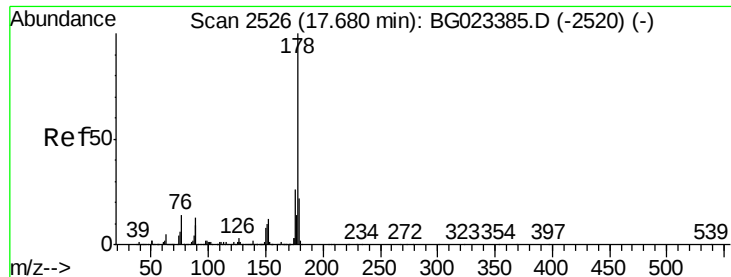
8/26/2016 5:56:02 PM



#70
 Phenanthrene
 Concen: 37.24 ng
 RT: 17.57 min Scan# 2508
 Delta R.T. 0.00 min
 Lab File: BG023907.D
 Acq: 25 Aug 2016 23:36

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1561761		
176	21.4	16.8	25.2	
179	18.3	14.3	21.5	





#71

Anthracene

Concen: 37.78 ng

RT: 17.67 min Scan# 2524

Delta R.T. 0.00 min

Lab File: BG023907.D

Acq: 25 Aug 2016 23:36

Instrument :

BNA_G

ClientSampleId :

MW-04MS

Tgt Ion:178 Resp: 1593626

Ion Ratio Lower Upper

178 100

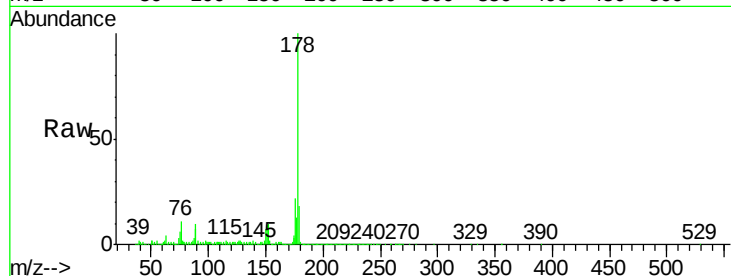
176 22.1 17.3 25.9

179 17.9 14.0 21.0

Manual Integrations
APPROVED

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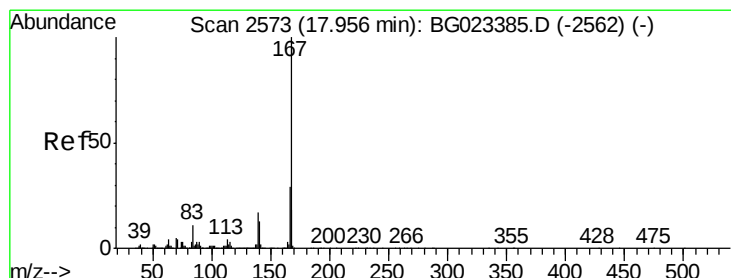
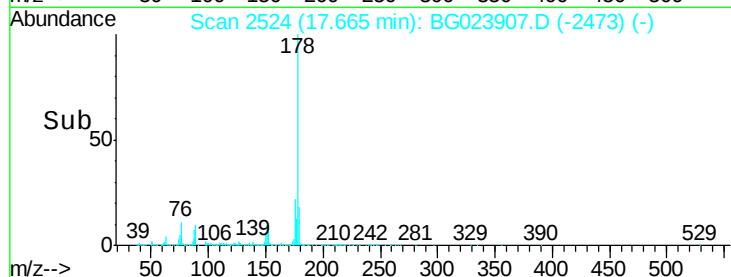
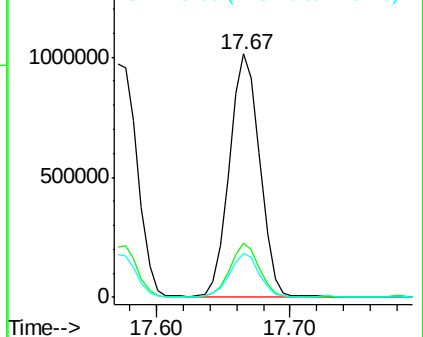
8/26/2016 5:56:02 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.88 ng

RT: 17.94 min Scan# 2571

Delta R.T. 0.00 min

Lab File: BG023907.D

Acq: 25 Aug 2016 23:36

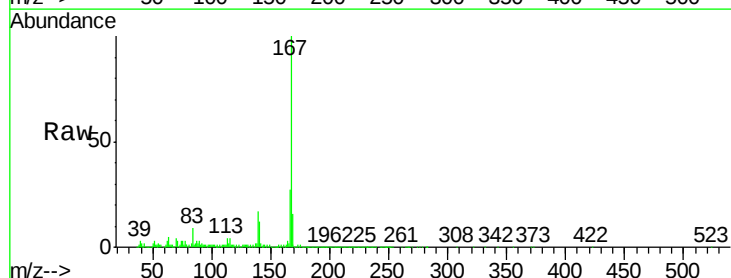
Tgt Ion:167 Resp: 1440052

Ion Ratio Lower Upper

167 100

166 26.6 20.7 31.1

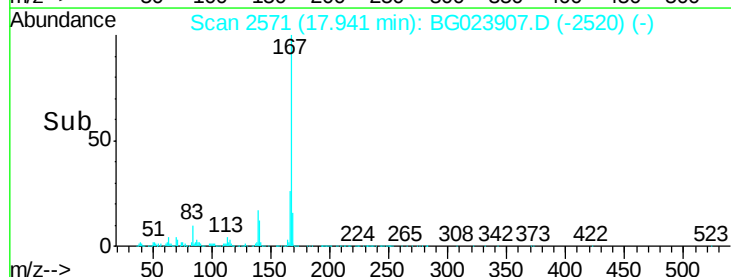
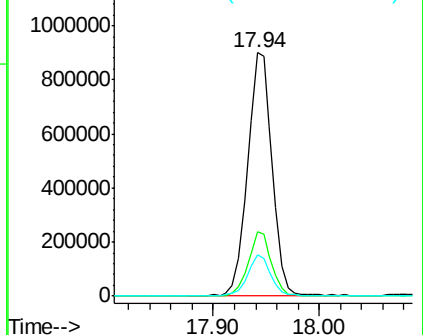
139 16.8 11.9 17.9

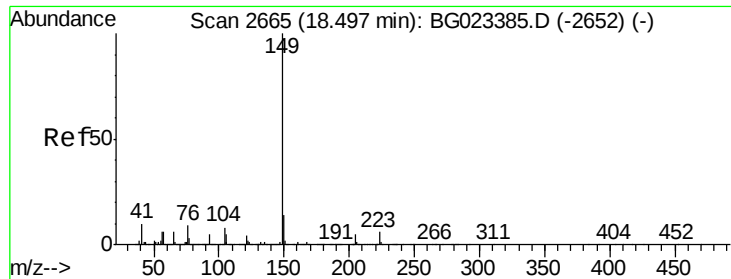


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73
Di-n-butylphthalate
Concen: 45.23 ng
RT: 18.48 min Scan# 2663
Delta R.T. 0.01 min
Lab File: BG023907.D
Acq: 25 Aug 2016 23:36

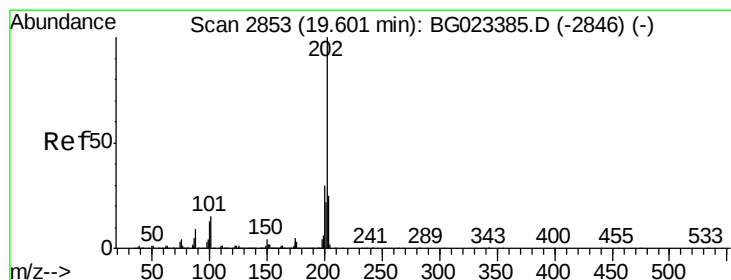
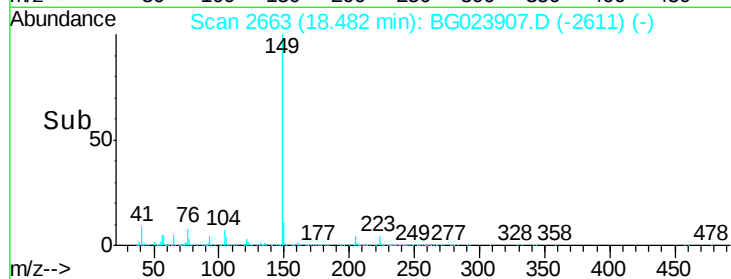
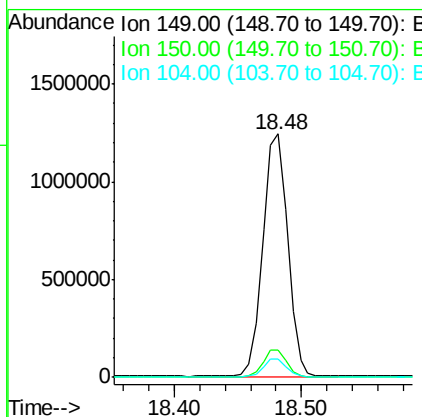
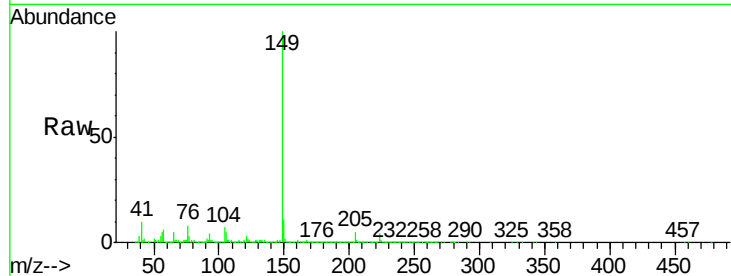
Instrument :
BNA_G
ClientSampleId :
MW-04MS

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.3	9.1	13.7
104	7.5	6.9	10.3

Manual Integrations
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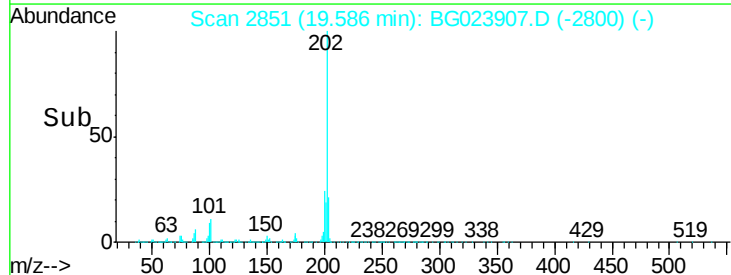
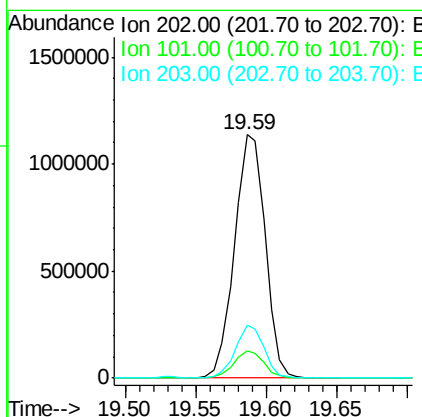
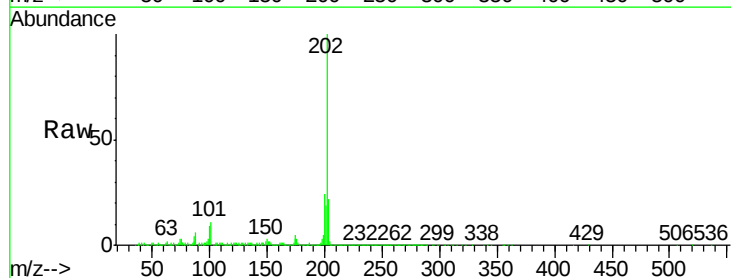
sohil

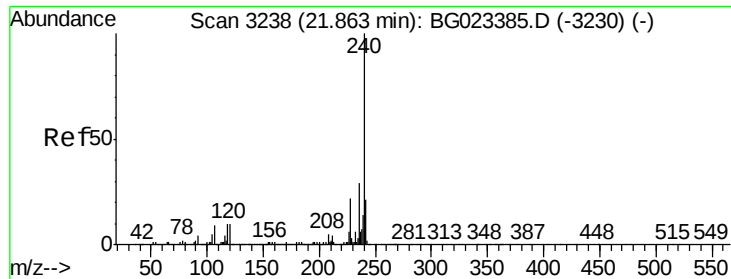
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#74
Fluoranthene
Concen: 42.99 ng
RT: 19.59 min Scan# 2851
Delta R.T. 0.00 min
Lab File: BG023907.D
Acq: 25 Aug 2016 23:36

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	27.4
203	21.5	1.7	41.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3237

Delta R.T. 0.01 min

Lab File: BG023907.D

Acq: 25 Aug 2016 23:36

Instrument :

BNA_G

ClientSampleId :

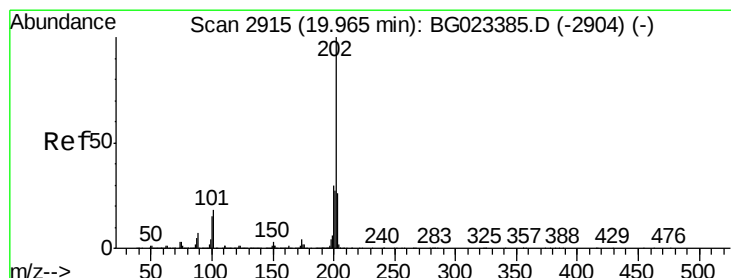
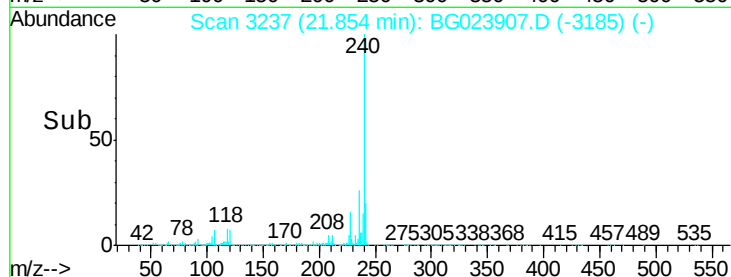
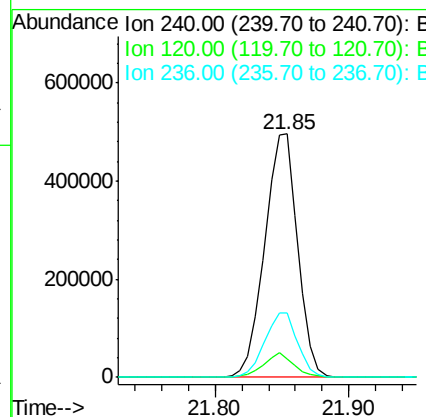
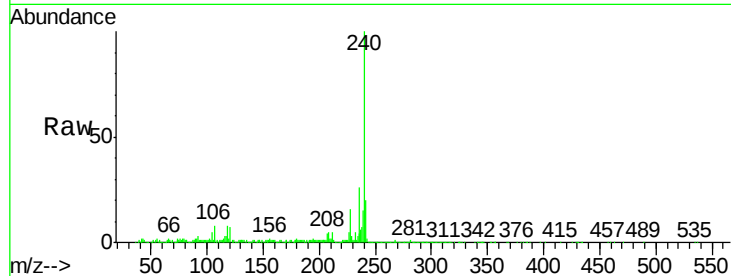
MW-04MS

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.4	4.1	6.1#
236	26.3	21.1	31.7

Manual Integrations
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#77

Pyrene

Concen: 33.80 ng

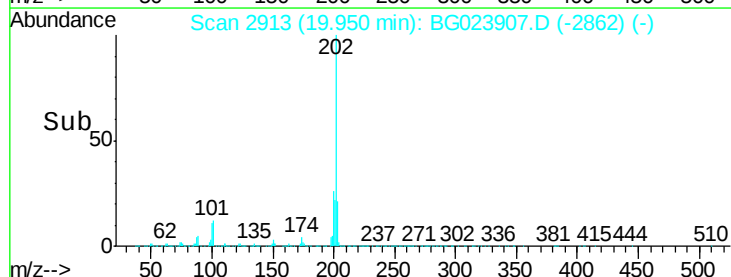
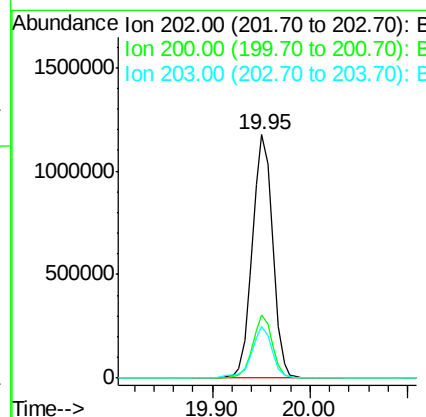
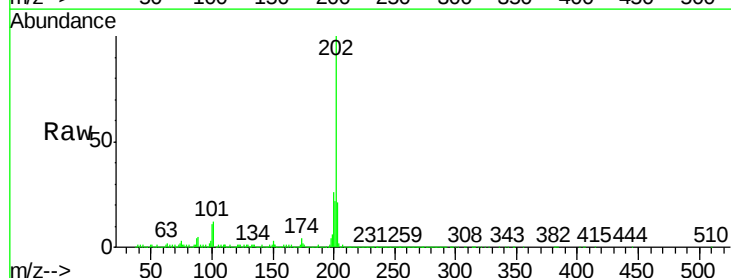
RT: 19.95 min Scan# 2913

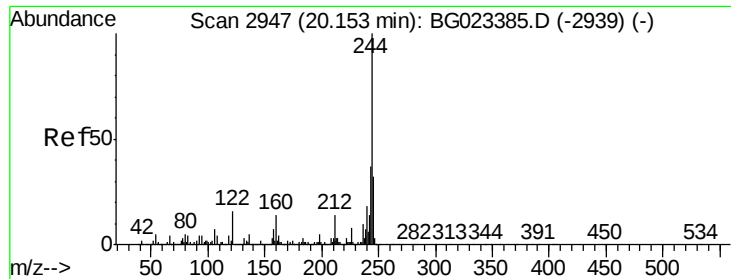
Delta R.T. 0.00 min

Lab File: BG023907.D

Acq: 25 Aug 2016 23:36

Tgt Ion	Ratio	Lower	Upper
202	100		
200	25.8	21.2	31.8
203	21.2	16.8	25.2





#78
 Terphenyl-d14
 Concen: 67.42 ng
 RT: 20.14 min Scan# 2945
 Delta R.T. 0.00 min
 Lab File: BG023907.D
 Acq: 25 Aug 2016 23:36

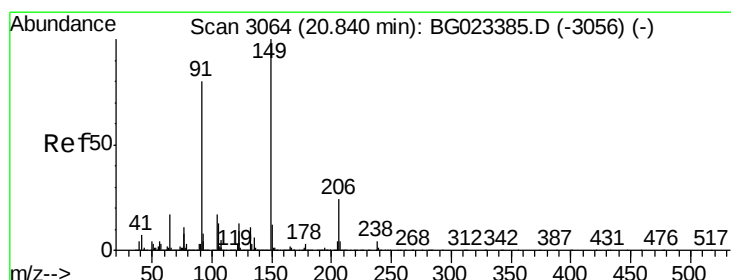
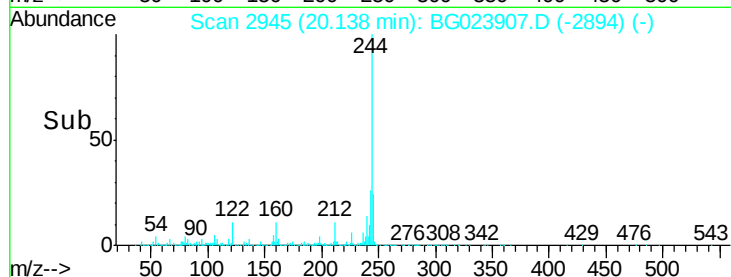
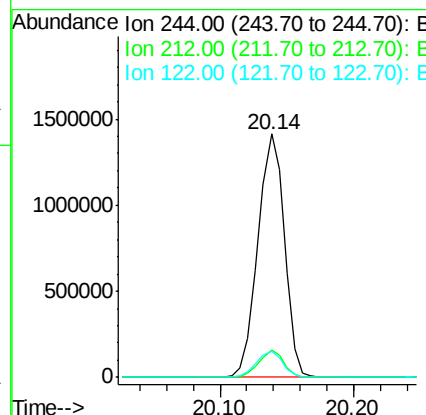
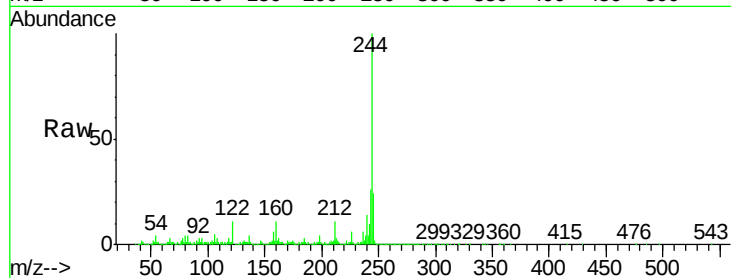
Instrument :
 BNA_G
 ClientSampleId :
 MW-04MS

Tgt Ion	Ratio	Lower	Upper
244	100		
212	11.1	10.8	16.2
122	10.9	8.0	12.0

Manual Integrations
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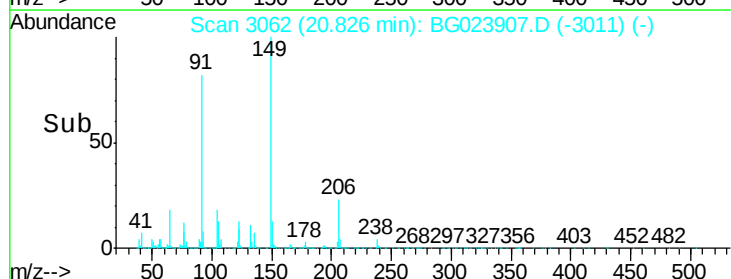
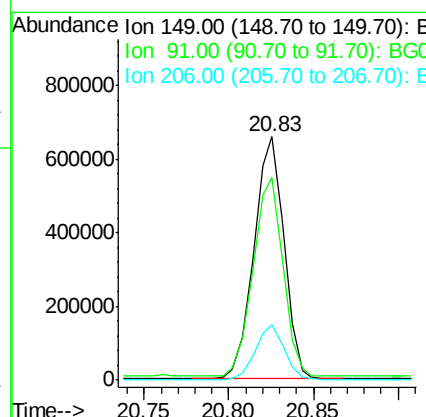
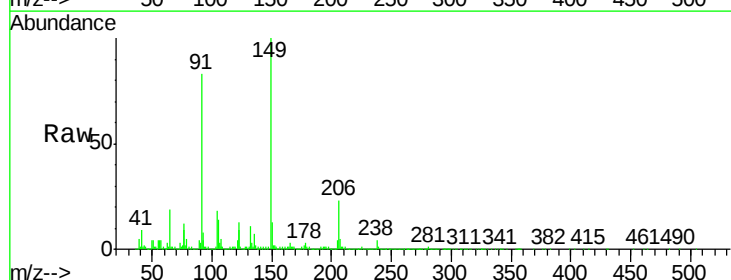
sohil

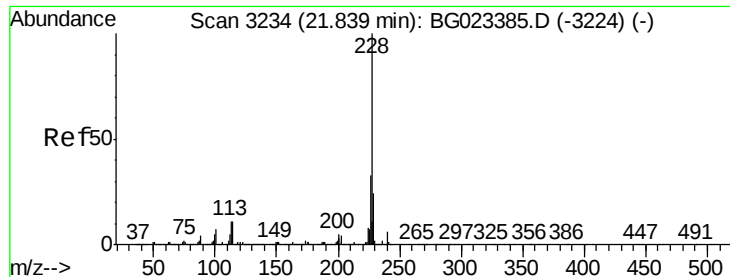
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#79
 Butylbenzylphthalate
 Concen: 40.35 ng
 RT: 20.83 min Scan# 3062
 Delta R.T. 0.00 min
 Lab File: BG023907.D
 Acq: 25 Aug 2016 23:36

Tgt Ion	Ratio	Lower	Upper
149	100		
91	83.2	68.1	102.1
206	22.9	19.8	29.6





#80

Benzo(a)anthracene

Concen: 37.02 ng

RT: 21.83 min Scan# 3233

Delta R.T. 0.01 min

Lab File: BG023907.D

Acq: 25 Aug 2016 23:36

Instrument :

BNA_G

ClientSampleId :

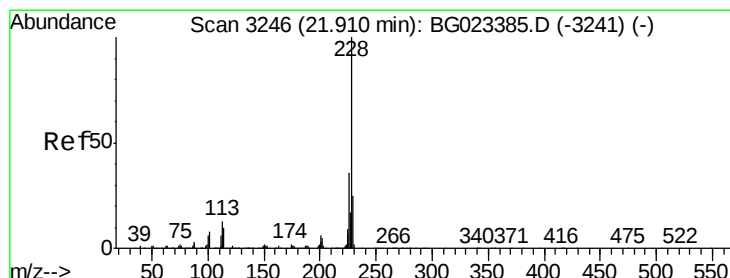
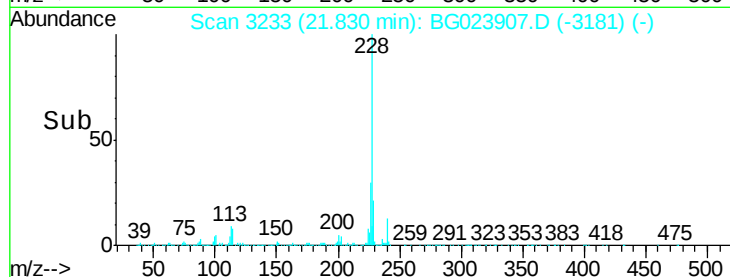
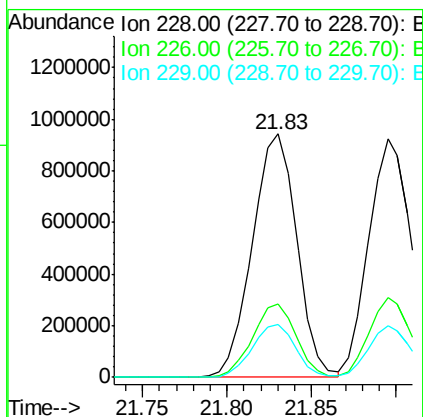
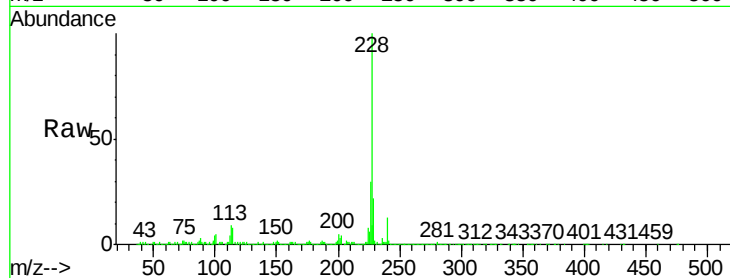
MW-04MS

Tgt Ion:	228	Resp:	1720391
Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.3	37.9
229	21.5	19.9	29.9

Manual Integrations
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#82

Chrysene

Concen: 36.18 ng

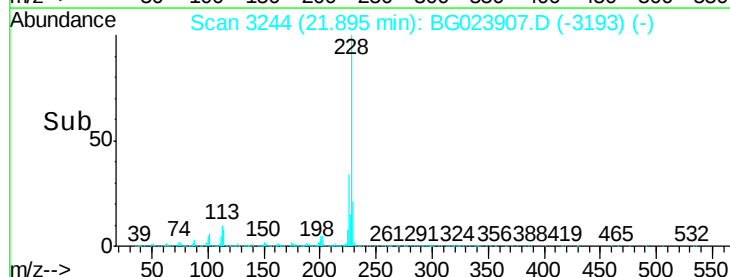
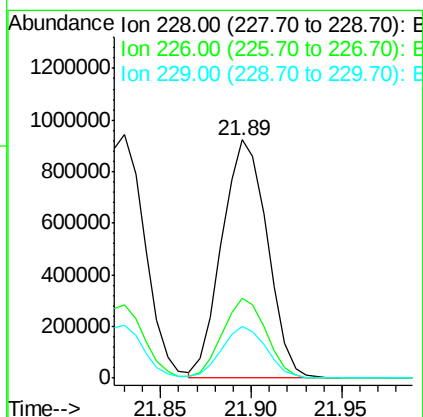
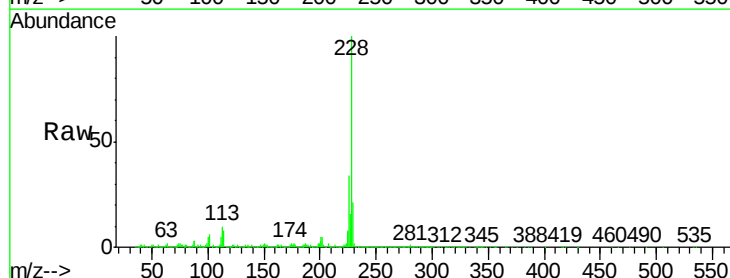
RT: 21.89 min Scan# 3244

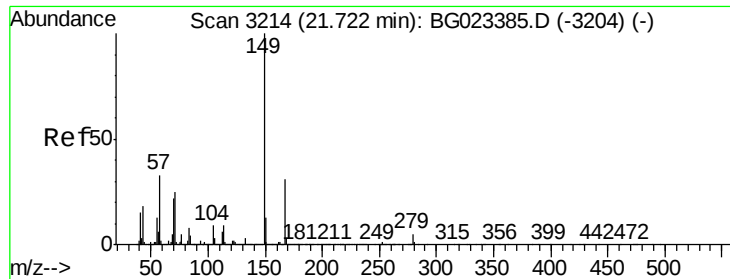
Delta R.T. 0.00 min

Lab File: BG023907.D

Acq: 25 Aug 2016 23:36

Tgt Ion:	228	Resp:	1599499
Ion	Ratio	Lower	Upper
228	100		
226	33.7	26.7	40.1
229	21.5	17.4	26.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.65 ng

RT: 21.70 min Scan# 3211

Delta R.T. 0.00 min

Lab File: BG023907.D

Acq: 25 Aug 2016 23:36

Instrument :

BNA_G

ClientSampled :

MW-04MS

Tgt Ion:149 Resp: 1128262

Ion Ratio Lower Upper

149 100

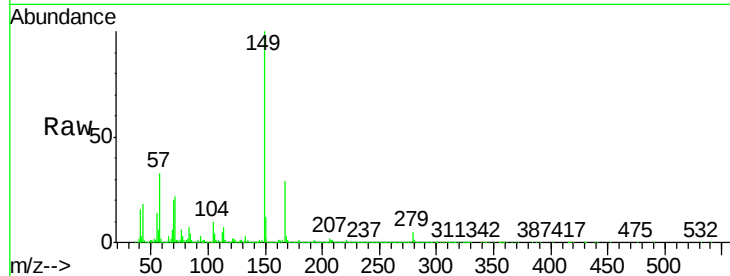
167 28.6 24.0 36.0

279 4.6 4.8 7.2#

Manual Integrations
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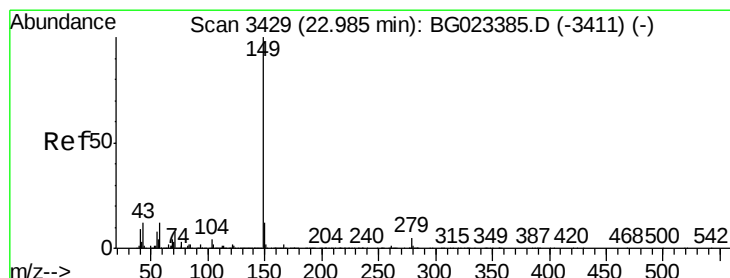
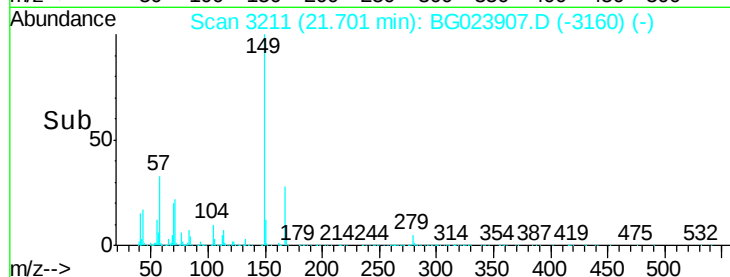
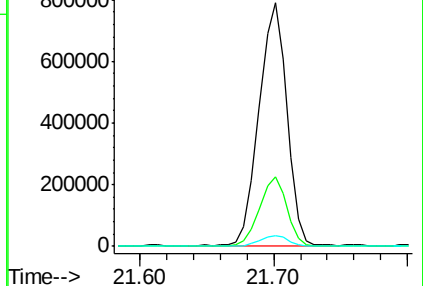
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 40.42 ng

RT: 22.96 min Scan# 3425

Delta R.T. -0.00 min

Lab File: BG023907.D

Acq: 25 Aug 2016 23:36

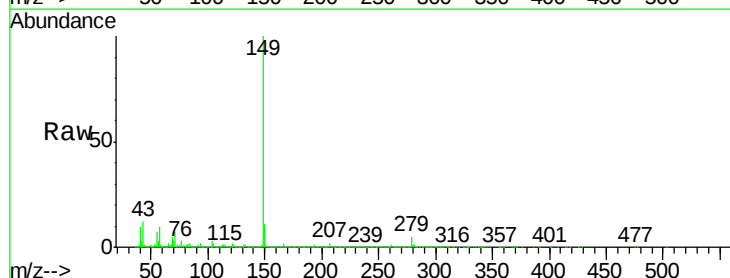
Tgt Ion:149 Resp: 1915016

Ion Ratio Lower Upper

149 100

167 1.8 1.5 2.3

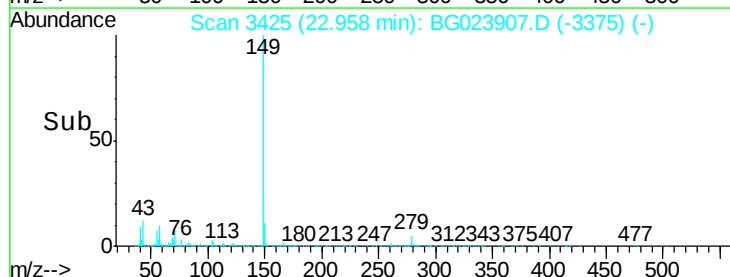
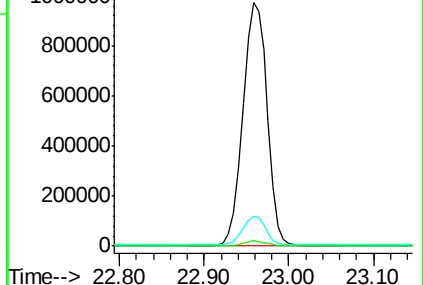
43 11.2 8.8 13.2

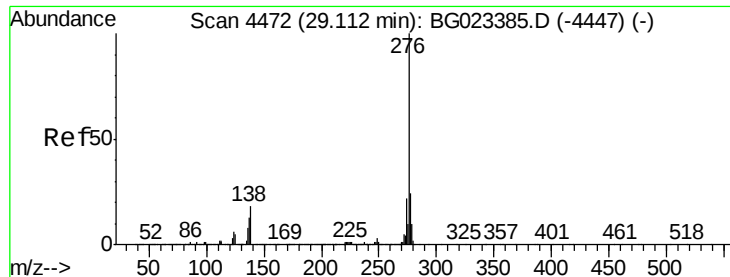


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGO





#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.10 ng
 RT: 29.12 min Scan# 4474
 Delta R.T. 0.01 min
 Lab File: BG023907.D
 Acq: 25 Aug 2016 23:36

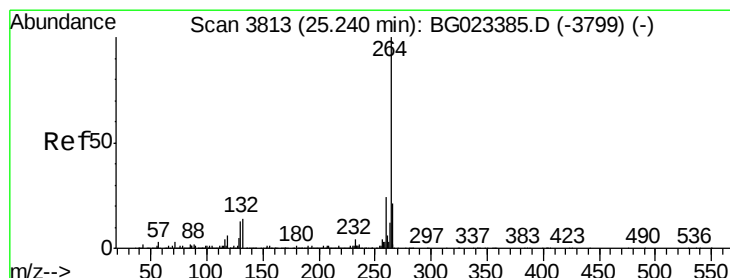
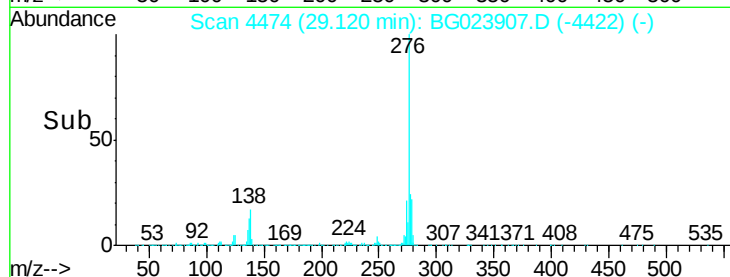
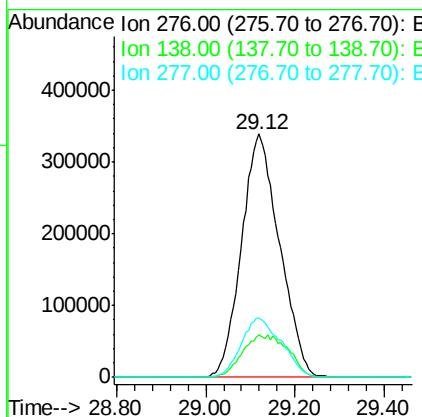
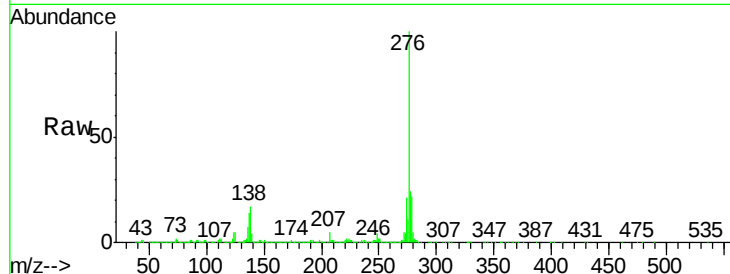
Instrument :
 BNA_G
 ClientSampleId :
 MW-04MS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	10.4	0.0	0.0#
277	25.8	0.0	0.0#

Manual Integrations
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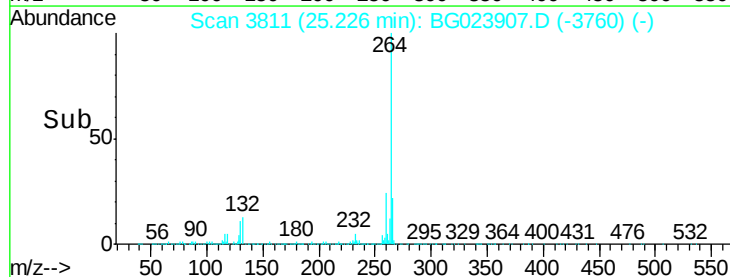
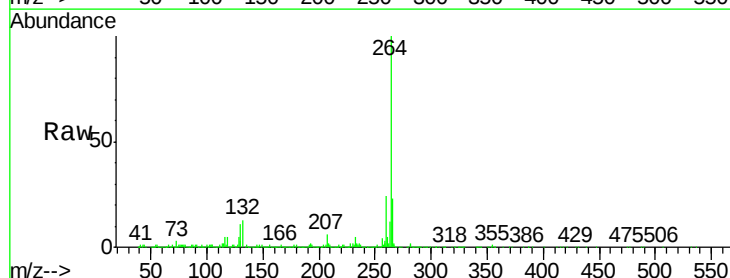
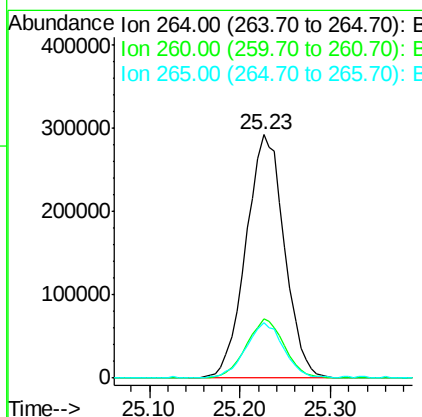
sohil

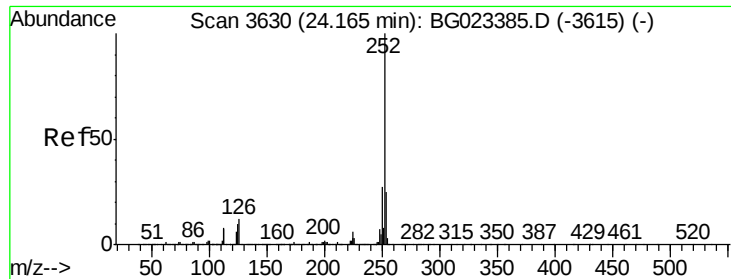
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.23 min Scan# 3811
 Delta R.T. 0.00 min
 Lab File: BG023907.D
 Acq: 25 Aug 2016 23:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.4	27.6
265	22.6	18.9	28.3





#87

Benzo(b)fluoranthene

Concen: 35.97 ng

RT: 24.16 min Scan# 3629

Delta R.T. 0.01 min

Lab File: BG023907.D

Acq: 25 Aug 2016 23:36

Instrument :

BNA_G

ClientSampleId :

MW-04MS

Tgt Ion:252 Resp: 1731426

Ion Ratio Lower Upper

252 100

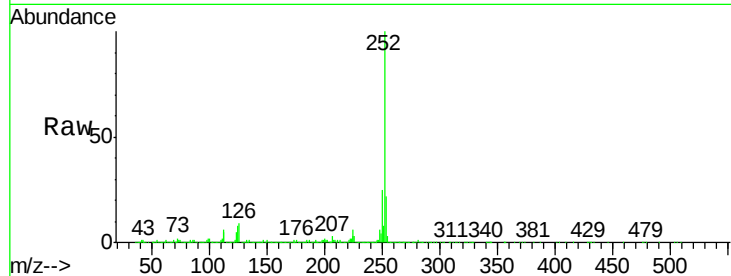
253 22.4 18.9 28.3

125 8.4 3.9 5.9#

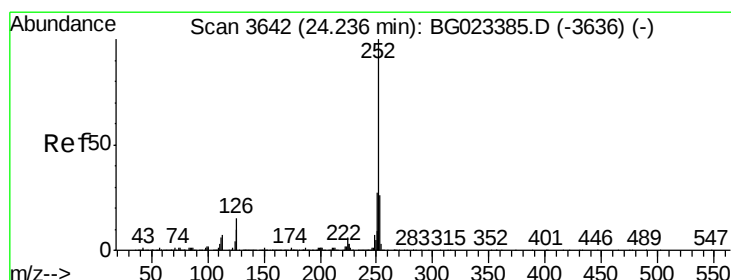
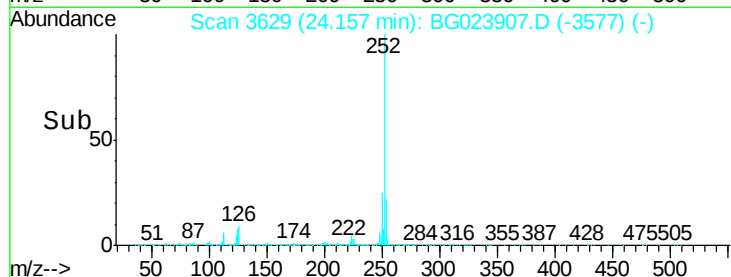
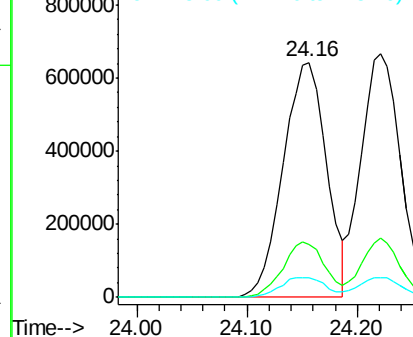
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 35.82 ng

RT: 24.22 min Scan# 3640

Delta R.T. 0.00 min

Lab File: BG023907.D

Acq: 25 Aug 2016 23:36

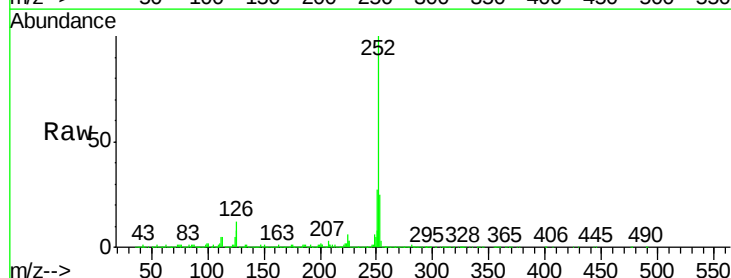
Tgt Ion:252 Resp: 1656008

Ion Ratio Lower Upper

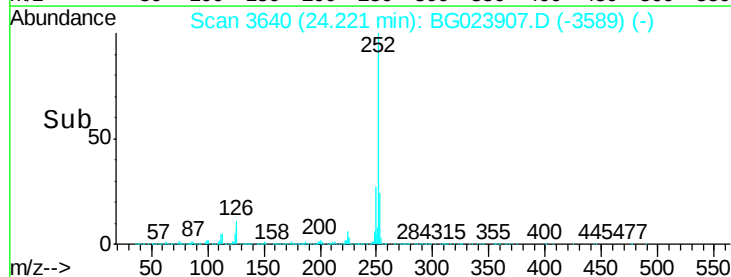
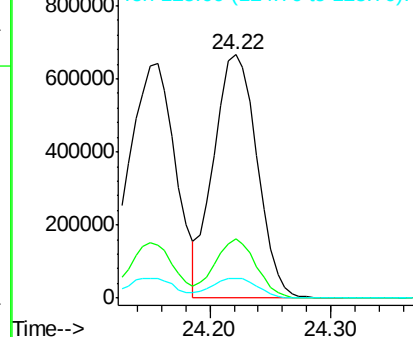
252 100

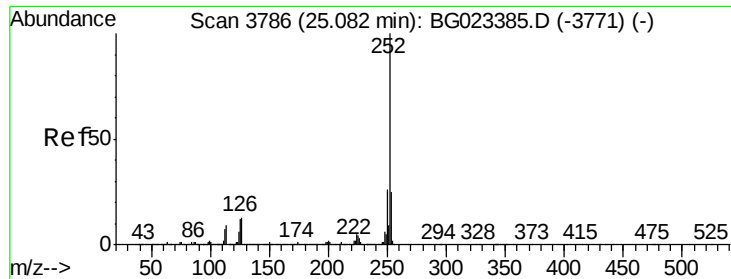
253 24.6 18.8 28.2

125 8.3 3.2 4.8#



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





#89
Benzo(a)pyrene
Concen: 36.29 ng
RT: 25.07 min Scan# 3784
Delta R.T. -0.00 min
Lab File: BG023907.D
Acq: 25 Aug 2016 23:36

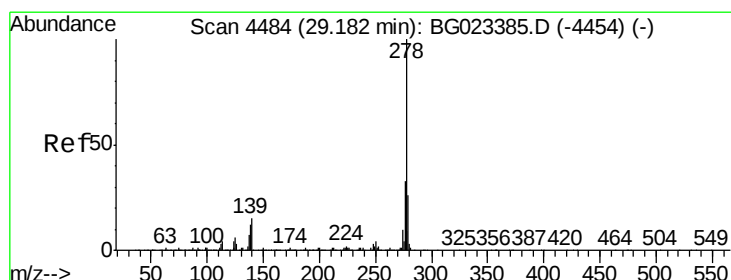
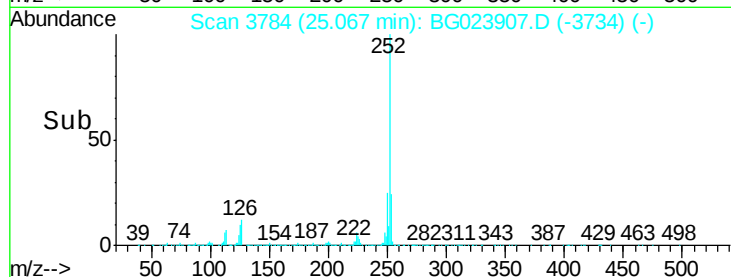
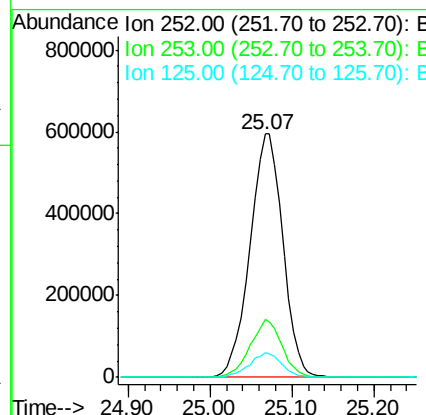
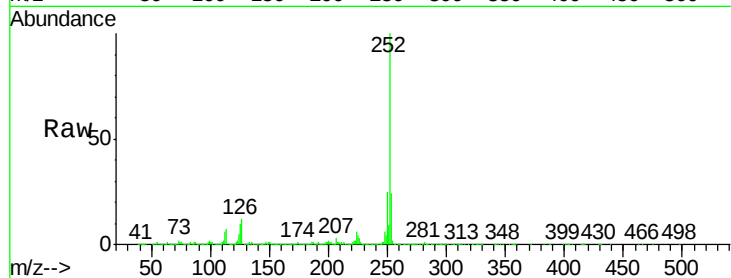
Instrument :
BNA_G
ClientSampleId :
MW-04MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.7	28.1
125	10.2	3.9	5.9

Manual Integrations
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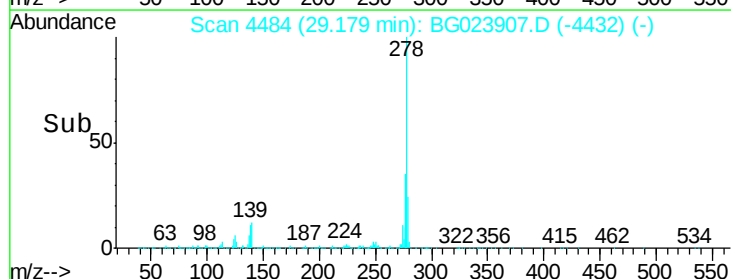
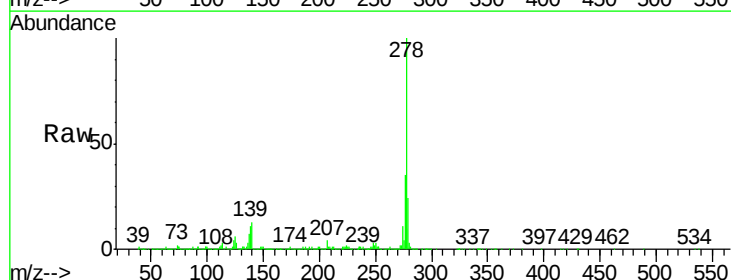
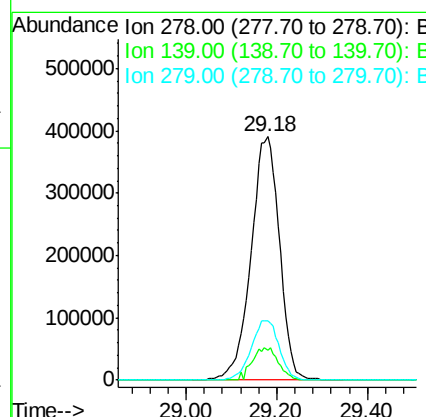
sohil

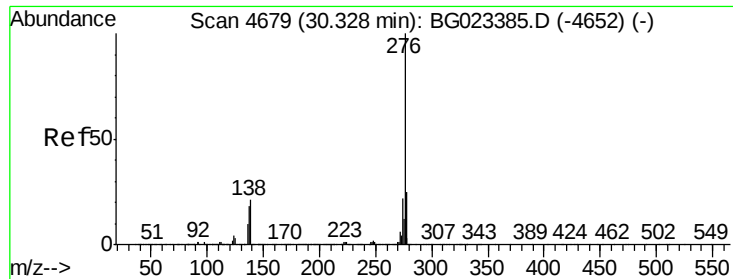
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#90
Dibenzo(a,h)anthracene
Concen: 36.31 ng
RT: 29.18 min Scan# 4484
Delta R.T. 0.01 min
Lab File: BG023907.D
Acq: 25 Aug 2016 23:36

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.5	4.7	7.1
279	24.1	18.3	27.5





#91
 Benzo(g,h,i)perylene
 Concen: 35.24 ng
 RT: 30.33 min Scan# 4680
 Delta R.T. 0.01 min
 Lab File: BG023907.D
 Acq: 25 Aug 2016 23:36

Instrument :
 BNA_G
 ClientSampleId :
 MW-04MS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.6	27.8
138	16.9	6.8	10.2

Manual Integrations
 APPROVED

sohil

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