

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082516\
 Data File : BG023908.D
 Acq On : 26 Aug 2016 00:14
 Operator : UM/SJ
 Sample : H4588-05MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-04MSD

Manual Integrations
 APPROVED

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8/26/2016 5:56:06 PM

Quant Time: Aug 26 01:48:01 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	124789	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	551734	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	365466	20.00	ng	0.00
63) Phenanthrene-d10	17.53	188	790939	20.00	ng	0.00
75) Chrysene-d12	21.85	240	777567	20.00	ng	0.00
86) Perylene-d12	25.23	264	784968	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	413059	55.72	ng	0.00
7) Phenol-d6	7.26	99	402016	34.82	ng	0.00
23) Nitrobenzene-d5	9.27	82	859837	77.48	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	462441	86.51	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	1623086	74.91	ng	0.00
78) Terphenyl-d14	20.14	244	1842109	70.98	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	45817	14.51	ng	# 91
3) Pyridine	3.91	79	140180	13.51	ng	94
4) n-Nitrosodimethylamine	3.82	42	70051	18.20	ng	# 93
6) Aniline	7.41	93	260382	15.61	ng	96
8) 2-Chlorophenol	7.65	128	260322	30.57	ng	94
9) Benzaldehyde	7.22	77	75503	8.73	ng	93
10) Phenol	7.28	94	164560	13.32	ng	85
11) bis(2-Chloroethyl)ether	7.50	93	336956	34.20	ng	93
12) 1,3-Dichlorobenzene	7.98	146	326511	33.48	ng	94
13) 1,4-Dichlorobenzene	8.12	146	329262	32.99	ng	96
14) 1,2-Dichlorobenzene	8.45	146	317373	32.41	ng	94
15) Benzyl Alcohol	8.34	79	257014	29.38	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.62	45	481412	33.22	ng	91
17) 2-Methylphenol	8.55	107	211903	25.59	ng	92
18) Hexachloroethane	9.18	117	130397	34.71	ng	94
19) n-Nitroso-di-n-propylamine	8.90	70	334022	33.63	ng	96
20) 3+4-Methylphenols	8.88	107	266874	22.86	ng	94
22) Acetophenone	8.92	105	484854	32.10	ng	# 94
24) Nitrobenzene	9.32	77	477736	38.87	ng	91
25) Isophorone	9.83	82	882470	38.18	ng	96
26) 2-Nitrophenol	10.03	139	183152	35.31	ng	# 82
27) 2,4-Dimethylphenol	10.09	122	296095	33.53	ng	89
28) bis(2-Chloroethoxy)methane	10.32	93	497385	35.79	ng	97
29) 2,4-Dichlorophenol	10.58	162	321255	36.18	ng	98
30) 1,2,4-Trichlorobenzene	10.79	180	340158	35.52	ng	97
31) Naphthalene	10.97	128	1016443	36.18	ng	99
32) Benzoic acid	10.22	122	57901	12.61	ng	91
33) 4-Chloroaniline	11.09	127	207000	15.41	ng	94
34) Hexachlorobutadiene	11.25	225	219234	34.81	ng	96
35) Caprolactam	11.92	113	24776	6.63	ng	# 69
36) 4-Chloro-3-methylphenol	12.23	107	371644	31.85	ng	97
37) 2-Methylnaphthalene	12.58	142	753042	35.25	ng	92
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	368653	27.82	ng	99
40) Hexachlorocyclopentadiene	12.92	237	221743	33.18	ng	98

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Manual Integrations
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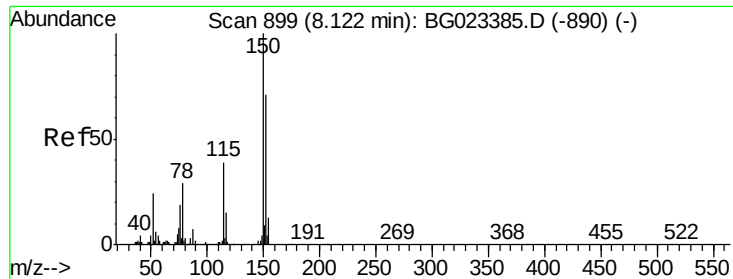
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8/26/2016 5:56:06 PM

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 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)
42) 2,4,6-Trichlorophenol	13.20	196	273106	34.59	ng	96
43) 2,4,5-Trichlorophenol	13.29	196	280406	34.50	ng	93
45) 1,1'-Biphenyl	13.59	154	904442	32.37	ng	96
46) 2-Chloronaphthalene	13.64	162	783133	36.23	ng	98
47) 2-Nitroaniline	13.85	65	342931	38.22	ng	96
48) Acenaphthylene	14.49	152	1191458	34.87	ng	98
49) Dimethylphthalate	14.22	163	1171712	41.79	ng	99
50) 2,6-Dinitrotoluene	14.35	165	232886	35.07	ng	88
51) Acenaphthene	14.83	154	785415	36.29	ng	98
52) 3-Nitroaniline	14.69	138	130276	17.40	ng	# 75
53) 2,4-Dinitrophenol	14.90	184	252183	59.25	ng	91
54) Dibenzofuran	15.16	168	1239961	39.46	ng	98
55) 4-Nitrophenol	15.03	139	142720	24.27	ng	89
56) 2,4-Dinitrotoluene	15.14	165	343845	36.89	ng	# 99
57) Fluorene	15.82	166	992737	36.20	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.40	232	266233m	35.70	ng	
59) Diethylphthalate	15.57	149	1074022	37.73	ng	99
60) 4-Chlorophenyl-phenylether	15.80	204	501175	34.54	ng	97
61) 4-Nitroaniline	15.86	138	190083	23.84	ng	# 71
62) Azobenzene	16.10	77	1183628	41.02	ng	93
64) 4,6-Dinitro-2-methylphenol	15.91	198	182594	33.95	ng	85
65) n-Nitrosodiphenylamine	16.03	169	903204	38.93	ng	93
66) 4-Bromophenyl-phenylether	16.71	248	339311	36.81	ng	96
67) Hexachlorobenzene	16.83	284	351823	34.88	ng	94
68) Atrazine	17.01	200	237829	26.70	ng	95
69) Pentachlorophenol	17.19	266	385910	65.63	ng	100
70) Phenanthrene	17.58	178	1527449	38.06	ng	97
71) Anthracene	17.66	178	1570428	38.90	ng	99
72) Carbazole	17.95	167	1417197	39.98	ng	99
73) Di-n-butylphthalate	18.48	149	1671705	46.82	ng	99
74) Fluoranthene	19.59	202	1674683	44.23	ng	95
77) Pyrene	19.95	202	1684173	36.60	ng	99
79) Butylbenzylphthalate	20.83	149	787764	42.07	ng	95
80) Benzo(a)anthracene	21.83	228	1654626	38.55	ng	98
82) Chrysene	21.89	228	1540513	37.72	ng	100
83) Bis(2-ethylhexyl)phthalate	21.70	149	1087898	42.43	ng	97
84) Di-n-octyl phthalate	22.96	149	1813632	41.44	ng	100
85) Indeno(1,2,3-cd)pyrene	29.12	276	1896243	37.16	ng	# 100
87) Benzo(b)fluoranthene	24.16	252	1635197	37.02	ng	# 96
88) Benzo(k)fluoranthene	24.23	252	1607887	37.90	ng	# 97
89) Benzo(a)pyrene	25.07	252	1593757	37.94	ng	# 98
90) Dibenzo(a,h)anthracene	29.18	278	1635457	38.11	ng	# 94
91) Benzo(g,h,i)perylene	30.34	276	1590263	36.80	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. -0.01 min

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BNA_G

ClientSampleId :

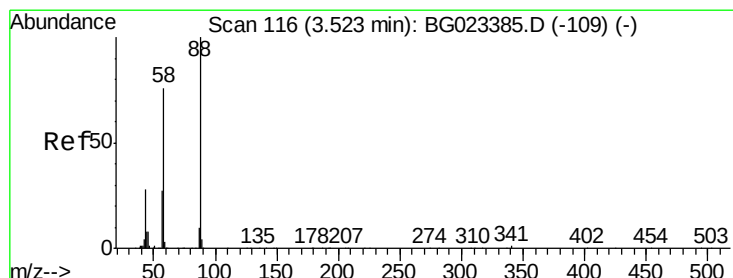
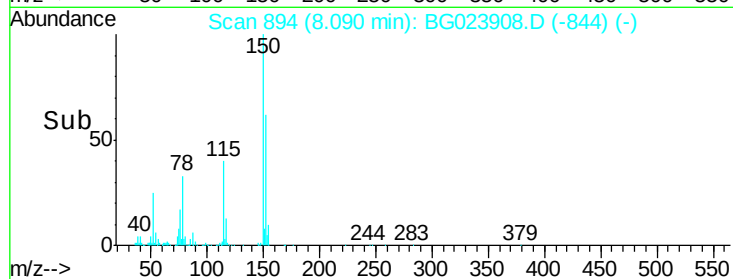
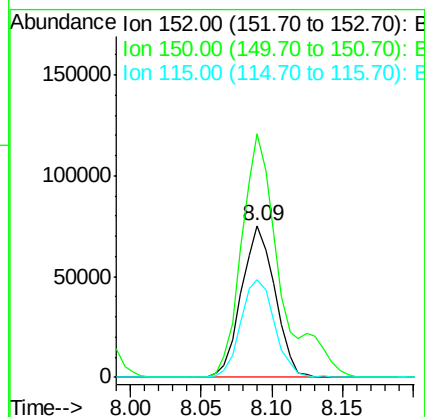
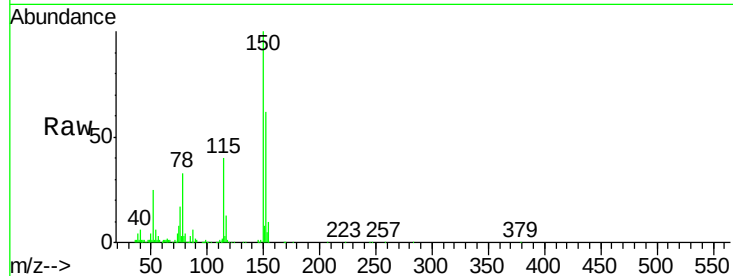
MW-04MSD

Tgt Ion:	152	Resp:	124789
Ion Ratio	Lower	Upper	
152	100		
150	160.1	144.7	217.1
115	63.9	64.0	96.0#

Manual Integrations
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#2

1,4-Dioxane

Concen: 14.51 ng

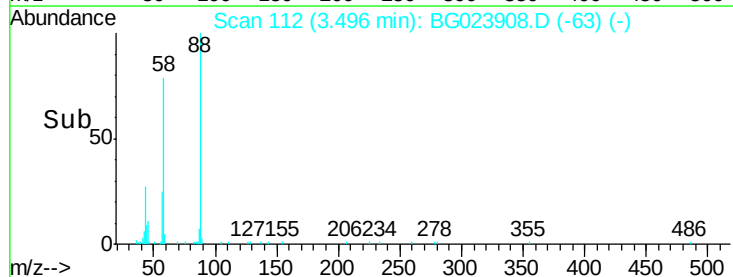
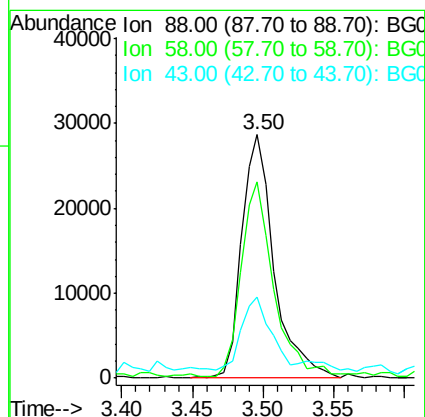
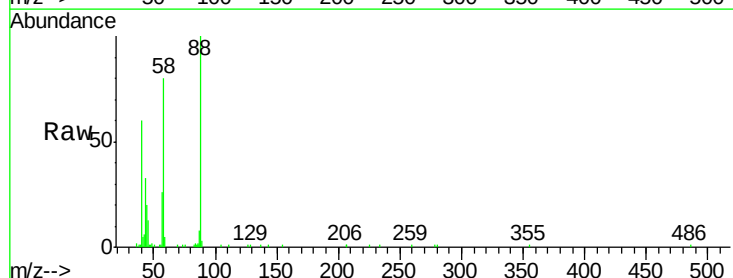
RT: 3.50 min Scan# 112

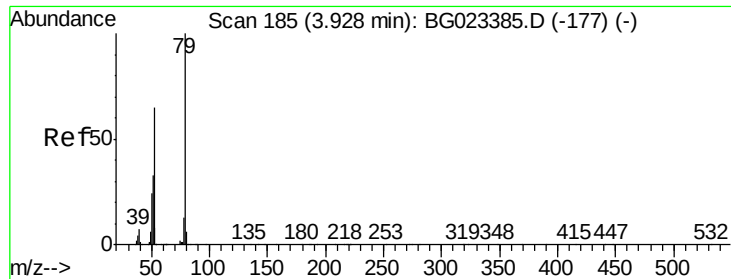
Delta R.T. -0.01 min

Lab File: BG023908.D

Acq: 26 Aug 2016 00:14

Tgt Ion:	88	Resp:	45817
Ion Ratio	Lower	Upper	
88	100		
58	80.3	60.4	90.6
43	29.4	31.1	46.7#





#3

Pyridine

Concen: 13.51 ng

RT: 3.91 min Scan# 182

Delta R.T. -0.01 min

Lab File: BG023908.D

Acq: 26 Aug 2016 00:14

Instrument :

BNA_G

ClientSampleId :

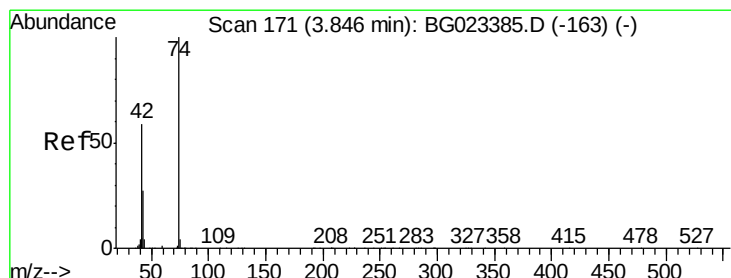
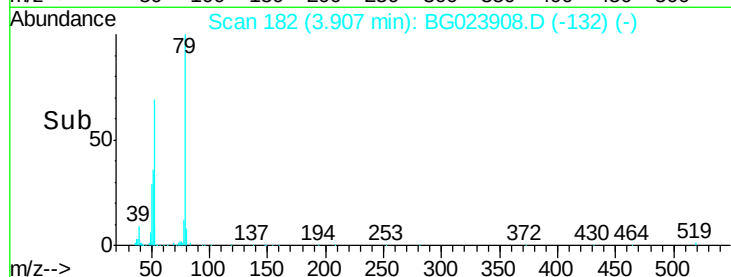
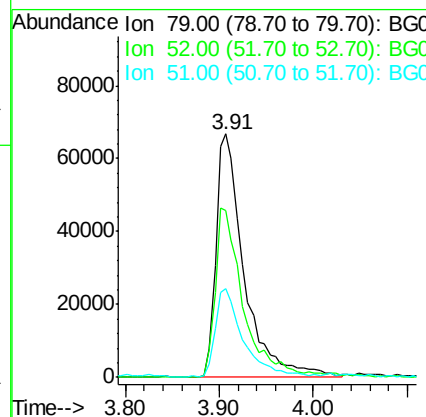
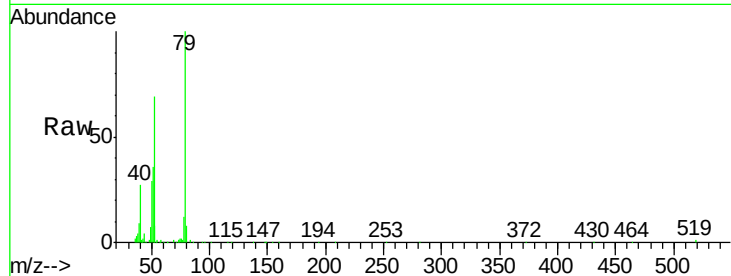
MW-04MSD

Tgt Ion:	79	Resp:	140180
Ion	Ratio	Lower	Upper
79	100		
52	68.5	51.8	77.8
51	36.3	32.7	49.1

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 18.20 ng

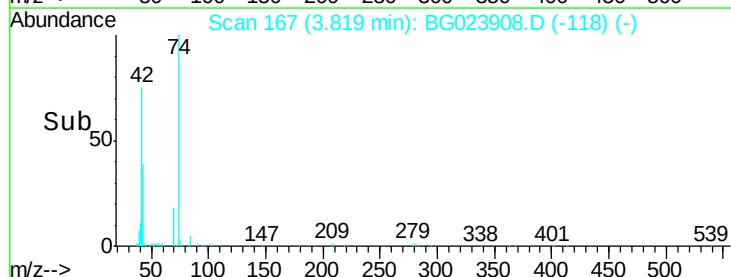
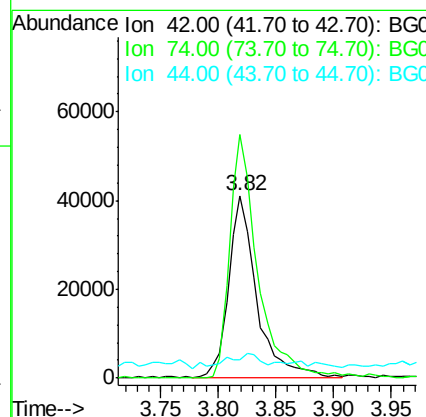
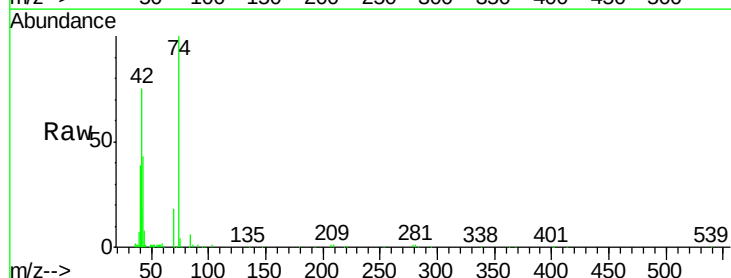
RT: 3.82 min Scan# 167

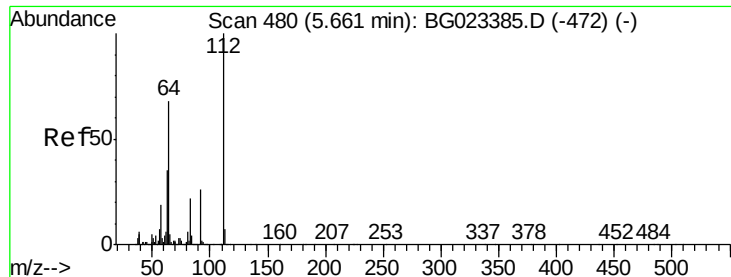
Delta R.T. -0.01 min

Lab File: BG023908.D

Acq: 26 Aug 2016 00:14

Tgt Ion:	42	Resp:	70051
Ion	Ratio	Lower	Upper
42	100		
74	133.2	100.6	150.8
44	10.1	4.5	6.7#





#5

2-Fluorophenol

Concen: 55.72 ng

RT: 5.64 min Scan# 477

Delta R.T. 0.00 min

Lab File: BG023908.D

Acq: 26 Aug 2016 00:14

Instrument :

BNA_G

ClientSampleId :

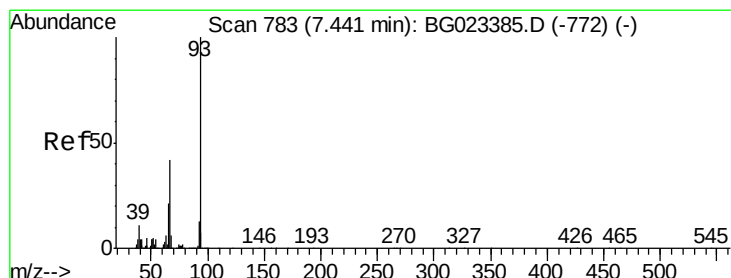
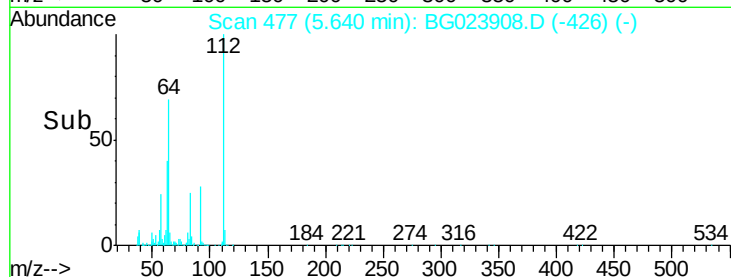
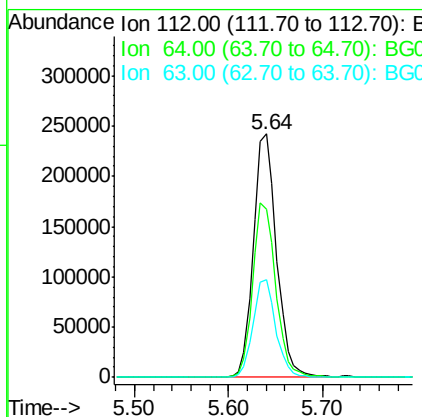
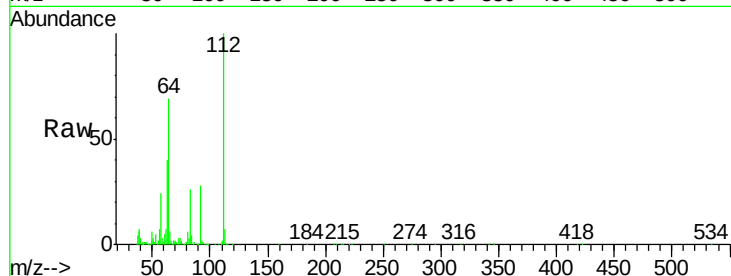
MW-04MSD

Tgt Ion:	112	Resp:	413059
Ion Ratio	Lower	Upper	
112	100		
64	69.3	59.0	88.4
63	39.9	37.8	56.8

Manual Integrations
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#6

Aniline

Concen: 15.61 ng

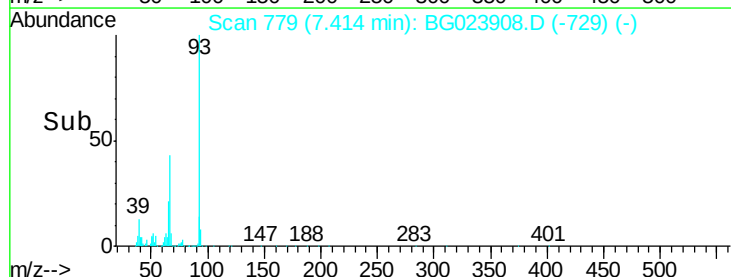
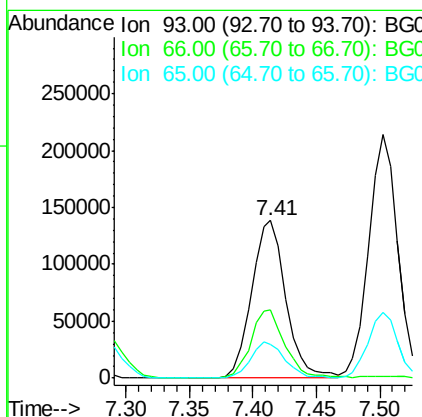
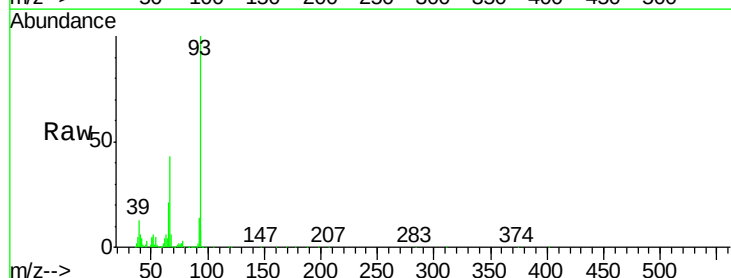
RT: 7.41 min Scan# 779

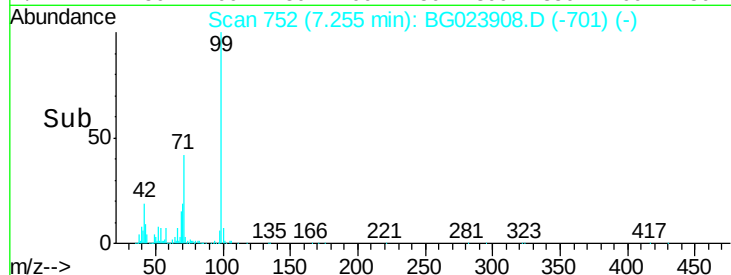
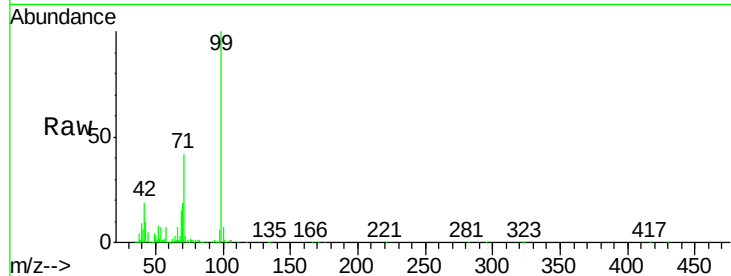
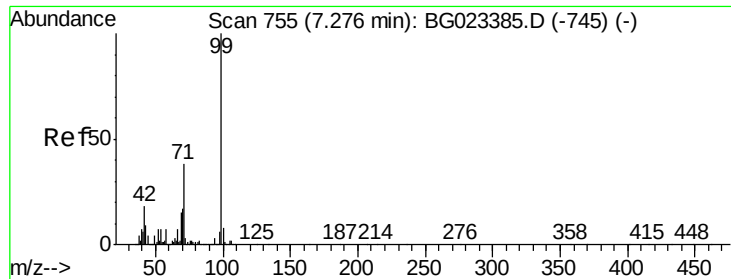
Delta R.T. -0.01 min

Lab File: BG023908.D

Acq: 26 Aug 2016 00:14

Tgt Ion:	93	Resp:	260382
Ion Ratio	Lower	Upper	
93	100		
66	43.4	37.5	56.3
65	21.5	17.9	26.9





#7

Phenol-d6

Concen: 34.82 ng

RT: 7.26 min Scan# 752

Delta R.T. 0.00 min

Lab File: BG023908.D

Acq: 26 Aug 2016 00:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
99	100		402016		
42	18.9	17.8	26.6		
71	41.9	41.5	62.3		

Instrument :

BNA_G

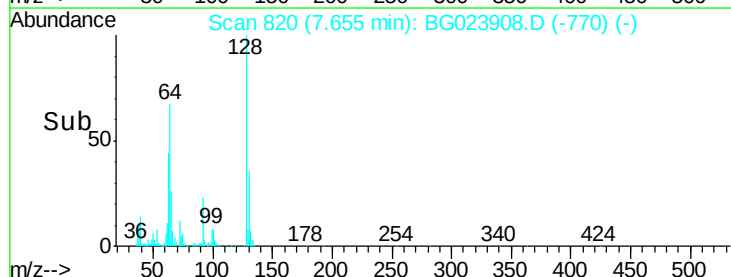
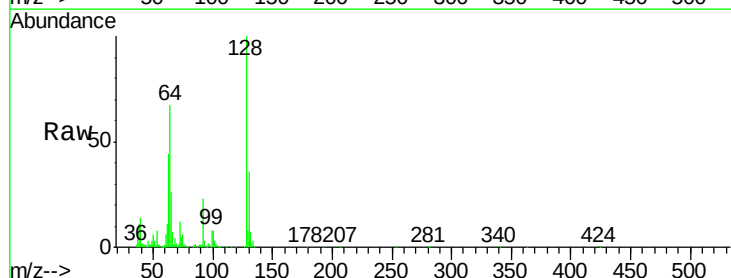
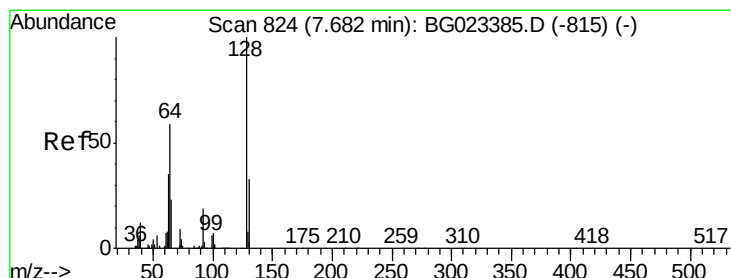
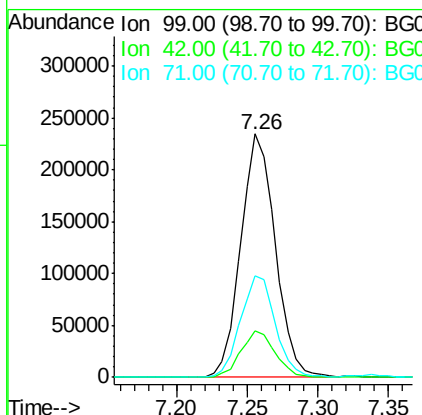
ClientSampleId :

MW-04MSD

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#8

2-Chlorophenol

Concen: 30.57 ng

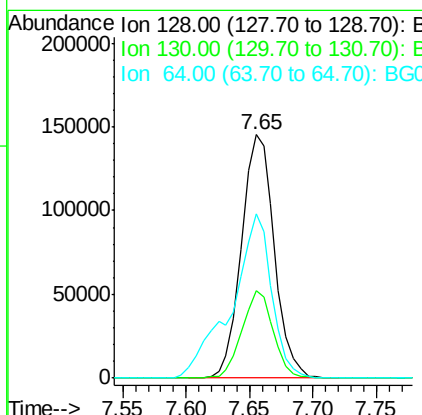
RT: 7.65 min Scan# 820

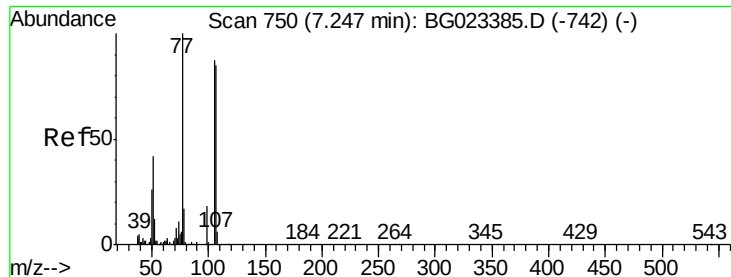
Delta R.T. -0.01 min

Lab File: BG023908.D

Acq: 26 Aug 2016 00:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		260322		
130	35.7	12.9	52.9		
64	67.3	42.0	82.0		





#9

Benzaldehyde

Concen: 8.73 ng

RT: 7.22 min Scan# 746

Delta R.T. -0.01 min

Lab File: BG023908.D

Acq: 26 Aug 2016 00:14

Instrument :

BNA_G

ClientSampled :

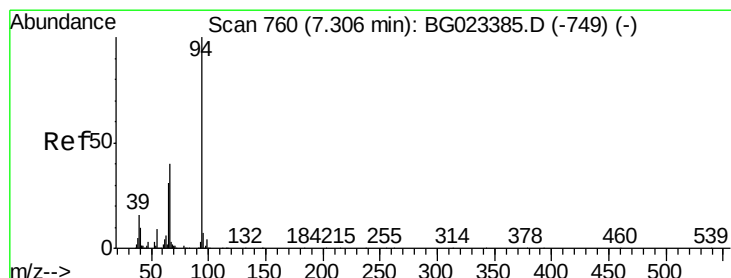
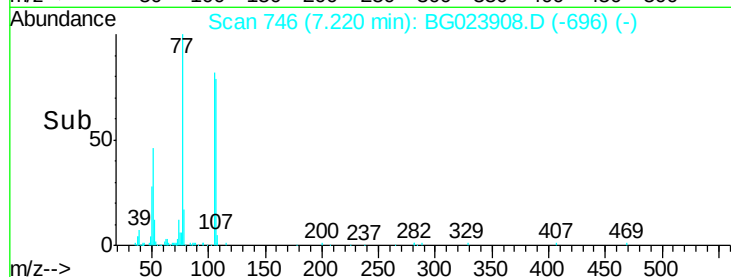
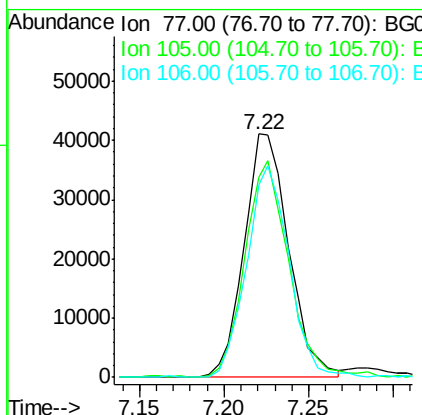
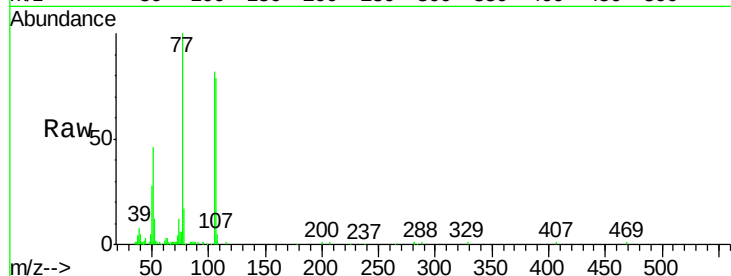
MW-04MSD

Tgt Ion:	77	Resp:	75503
Ion	Ratio	Lower	Upper
77	100		
105	82.1	58.7	98.7
106	79.2	67.5	107.5

Manual Integrations
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#10

Phenol

Concen: 13.32 ng

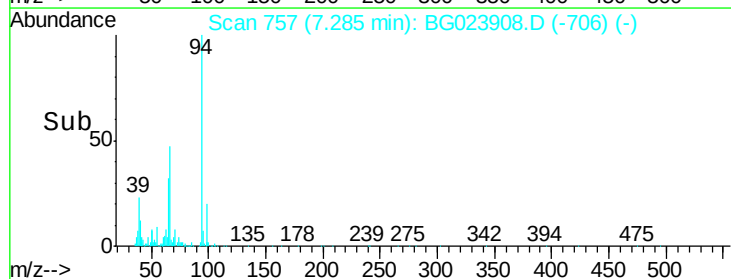
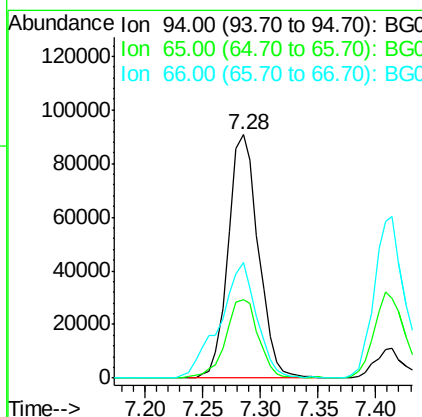
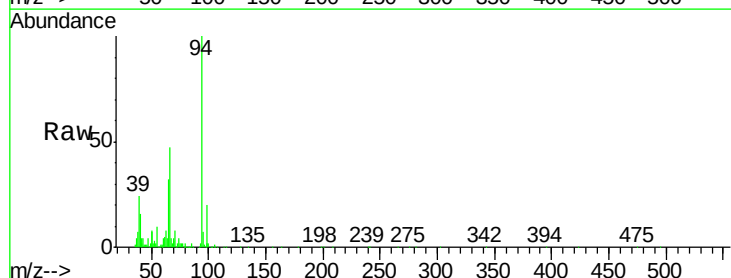
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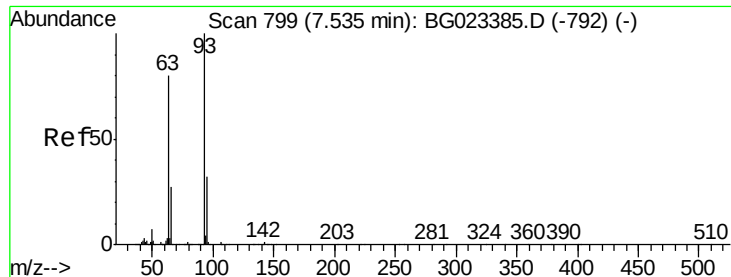
Delta R.T. 0.00 min

Lab File: BG023908.D

Acq: 26 Aug 2016 00:14

Tgt Ion:	94	Resp:	164560
Ion	Ratio	Lower	Upper
94	100		
65	32.2	18.1	58.1
66	47.5	42.1	82.1





#11
bis(2-Chloroethyl)ether
Concen: 34.20 ng
RT: 7.50 min Scan# 794
Delta R.T. -0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

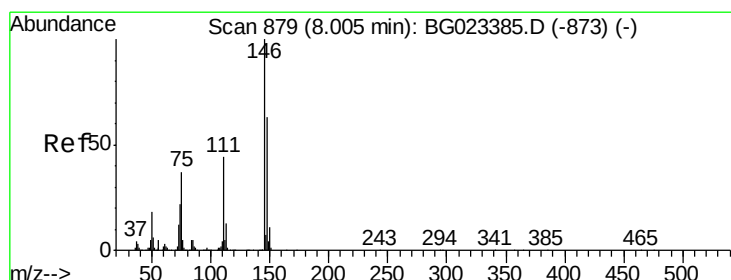
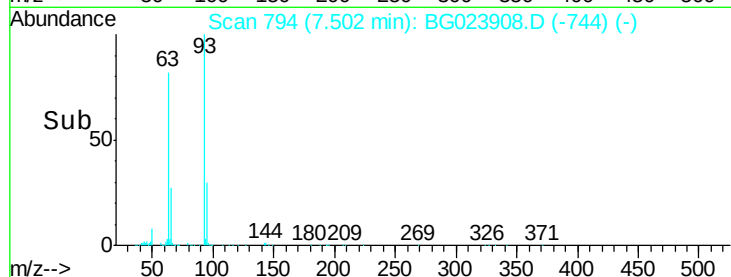
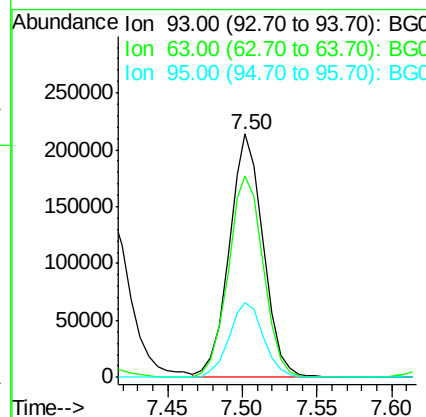
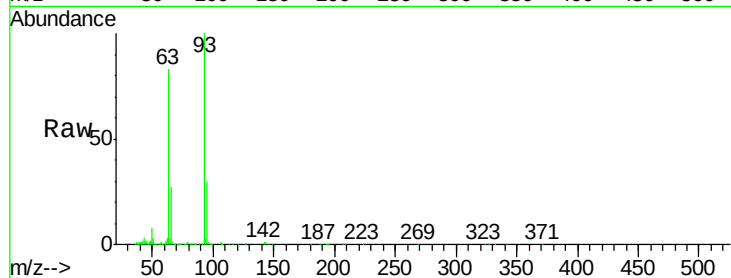
Instrument :
BNA_G
ClientSampleId :
MW-04MSD

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	336956		
63	82.8	55.0	95.0	
95	30.5	11.0	51.0	

Manual Integrations
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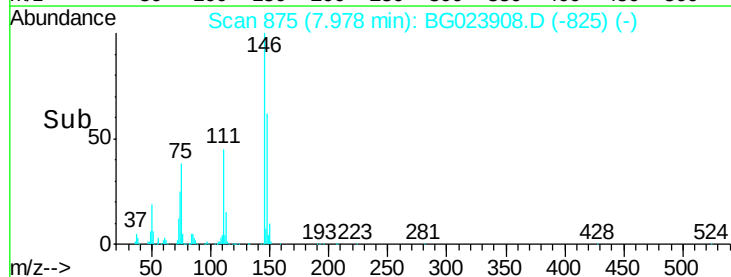
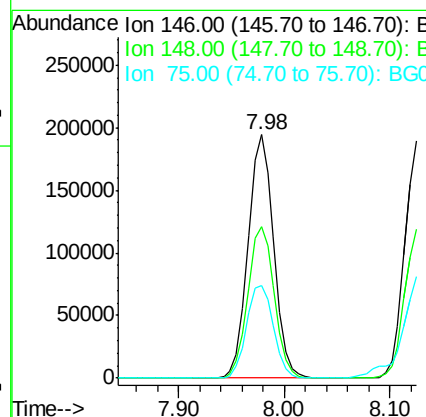
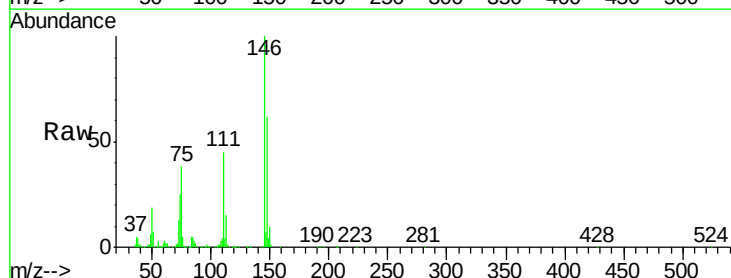
sohil

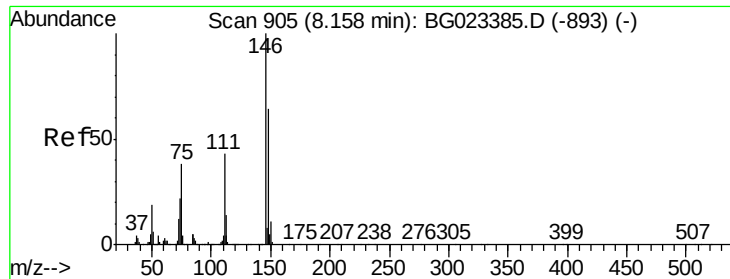
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#12
1,3-Dichlorobenzene
Concen: 33.48 ng
RT: 7.98 min Scan# 875
Delta R.T. -0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	326511		
148	62.1	50.3	75.5	
75	38.2	37.0	55.6	





#13
 1,4-Dichlorobenzene
 Concen: 32.99 ng
 RT: 8.12 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BG023908.D
 Acq: 26 Aug 2016 00:14

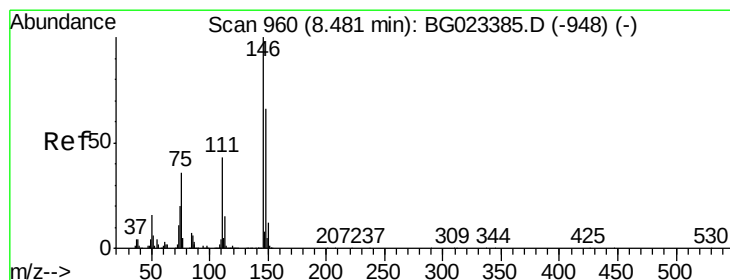
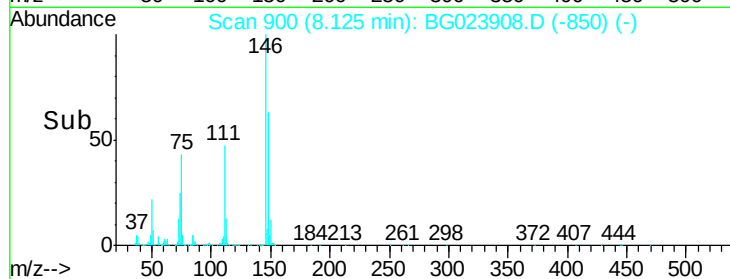
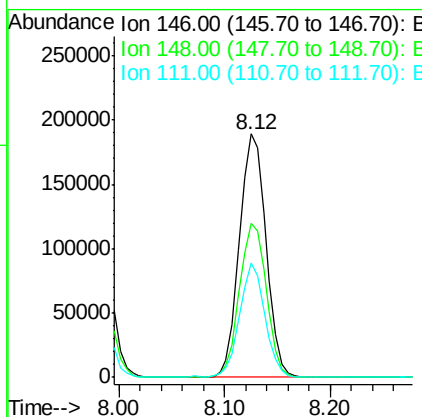
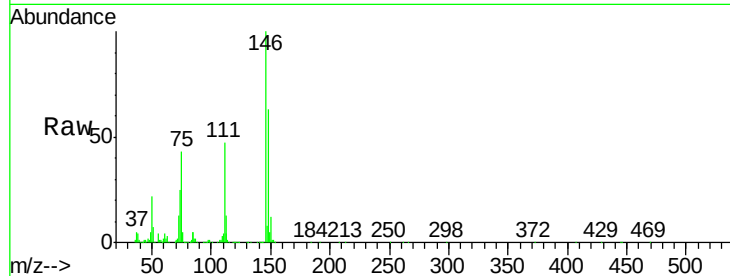
Instrument :
 BNA_G
 ClientSampled :
 MW-04MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	54.5	81.7
111	46.7	37.8	56.8

Manual Integrations
 APPROVED

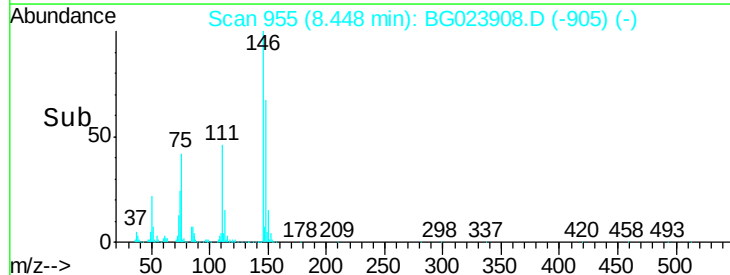
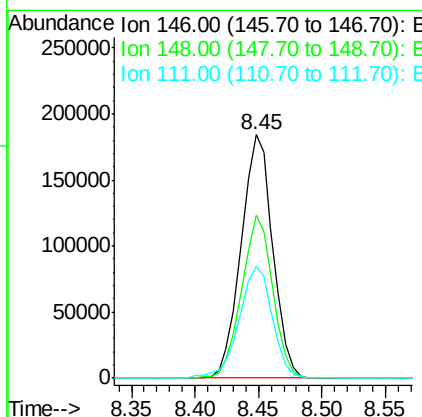
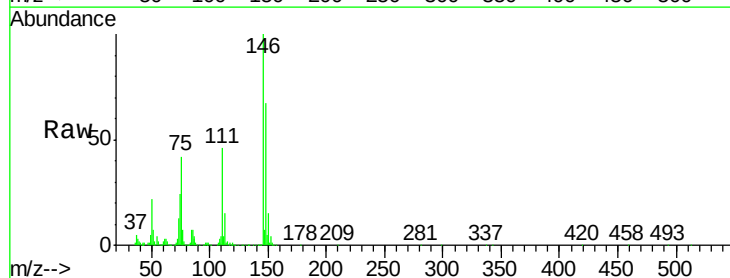
sohil

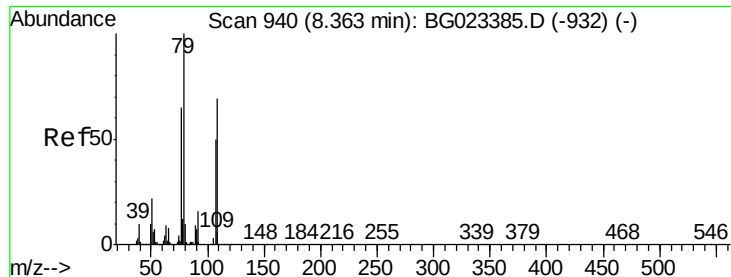
8/26/2016 5:56:06 PM



#14
 1,2-Dichlorobenzene
 Concen: 32.41 ng
 RT: 8.45 min Scan# 955
 Delta R.T. -0.01 min
 Lab File: BG023908.D
 Acq: 26 Aug 2016 00:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.8	52.9	79.3
111	45.9	43.5	65.3





#15

Benzyl Alcohol

Concen: 29.38 ng

RT: 8.34 min Scan# 936

Delta R.T. -0.01 min

Lab File: BG023908.D

Acq: 26 Aug 2016 00:14

Instrument :

BNA_G

ClientSampleId :

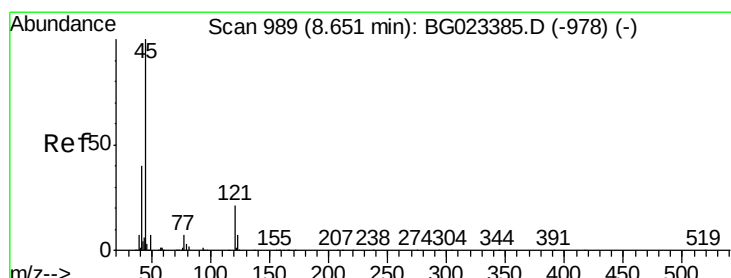
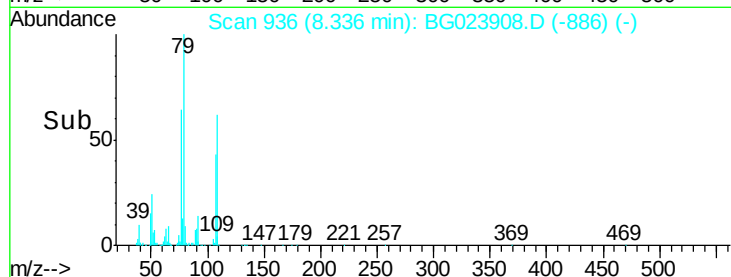
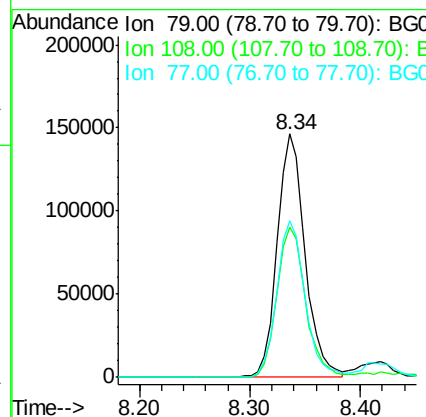
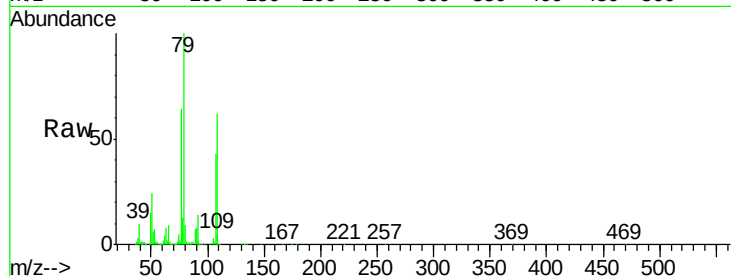
MW-04MSD

Tgt Ion:	79	Resp:	257014
Ion	Ratio	Lower	Upper
79	100		
108	61.7	46.5	69.7
77	64.3	52.3	78.5

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.22 ng

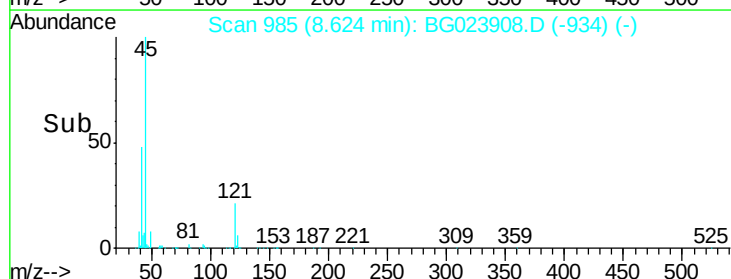
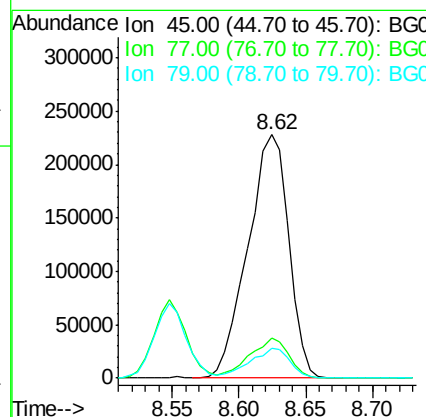
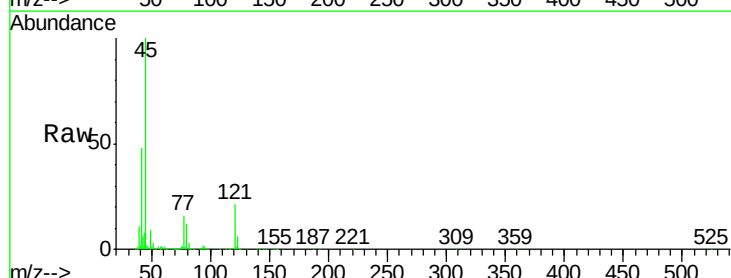
RT: 8.62 min Scan# 985

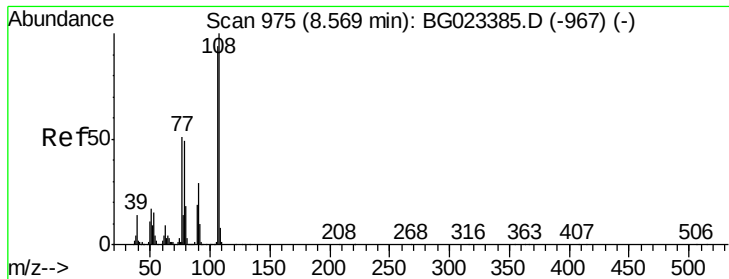
Delta R.T. 0.00 min

Lab File: BG023908.D

Acq: 26 Aug 2016 00:14

Tgt Ion:	45	Resp:	481412
Ion	Ratio	Lower	Upper
45	100		
77	16.2	0.6	40.6
79	12.1	0.0	36.2





#17

2-Methylphenol

Concen: 25.59 ng

RT: 8.55 min Scan# 972

Delta R.T. 0.00 min

Lab File: BG023908.D

Acq: 26 Aug 2016 00:14

Instrument :

BNA_G

ClientSampleId :

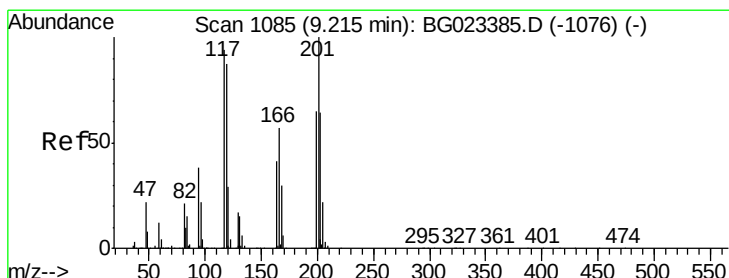
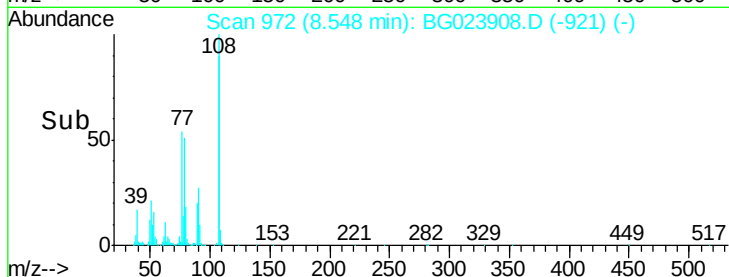
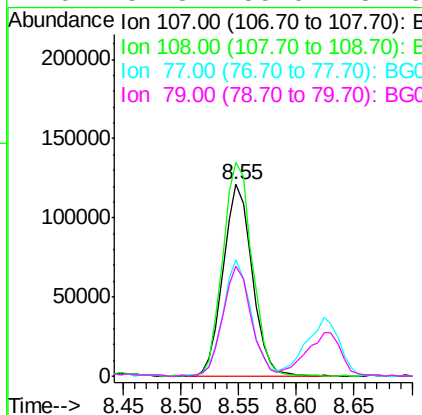
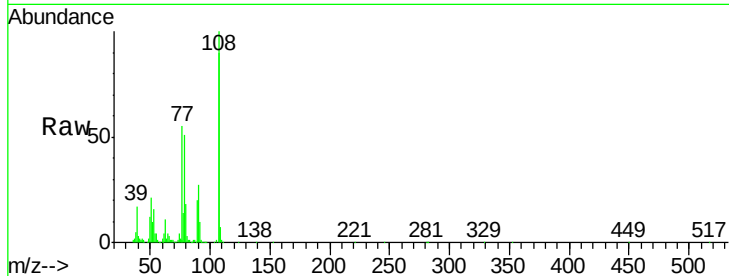
MW-04MSD

Tgt	Ion	Resp	Lower	Upper
107	100			
108	111.4	92.0	138.0	
77	60.8	55.8	83.6	
79	57.3	55.0	82.6	

Manual Integrations
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#18

Hexachloroethane

Concen: 34.71 ng

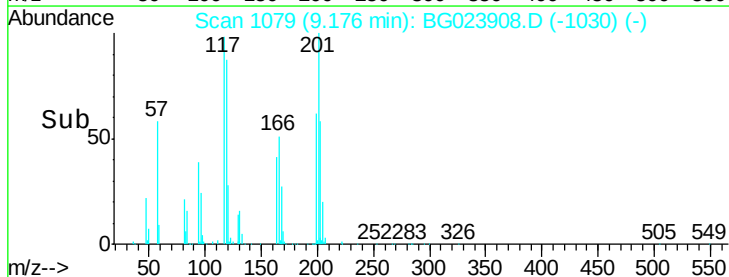
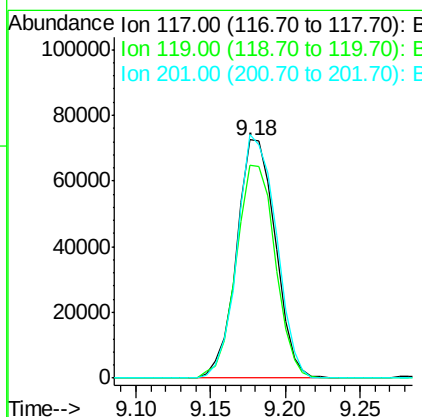
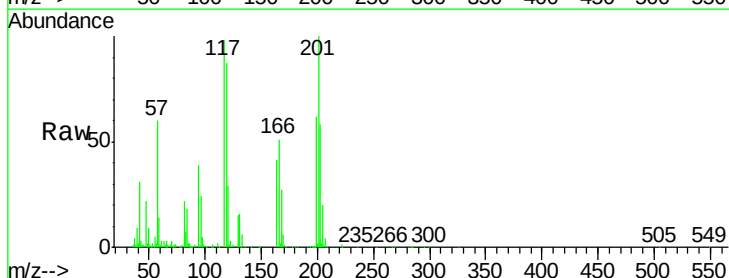
RT: 9.18 min Scan# 1079

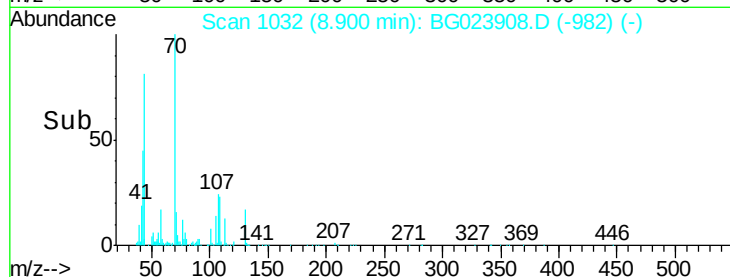
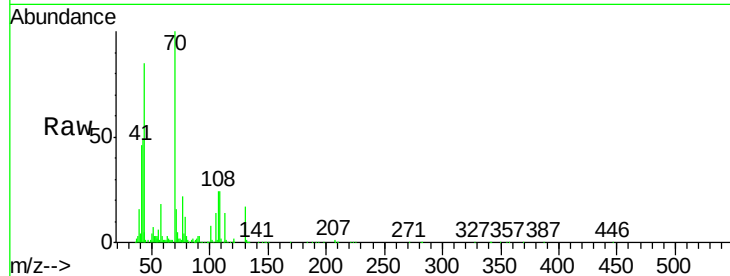
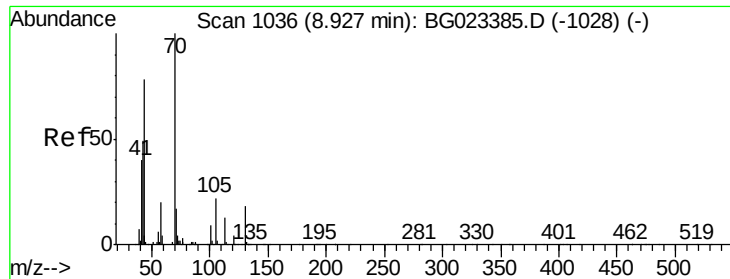
Delta R.T. -0.01 min

Lab File: BG023908.D

Acq: 26 Aug 2016 00:14

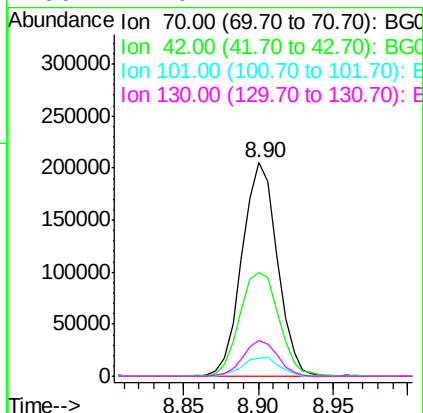
Tgt	Ion	Resp	Lower	Upper
117	100			
119	89.2	73.7	110.5	
201	102.2	88.7	133.1	





#19
n-Nitroso-di-n-propylamine
Concen: 33.63 ng
RT: 8.90 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	48.7	42.1	63.1	
101	8.4	7.2	10.8	
130	17.0	14.2	21.2	

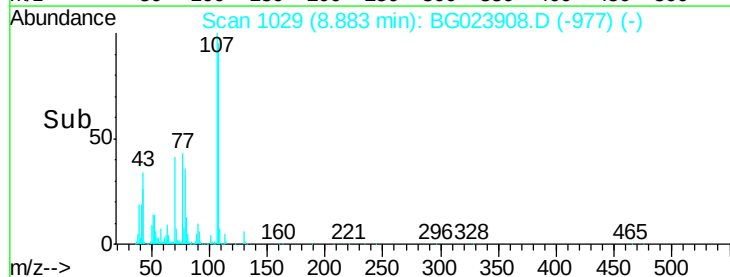
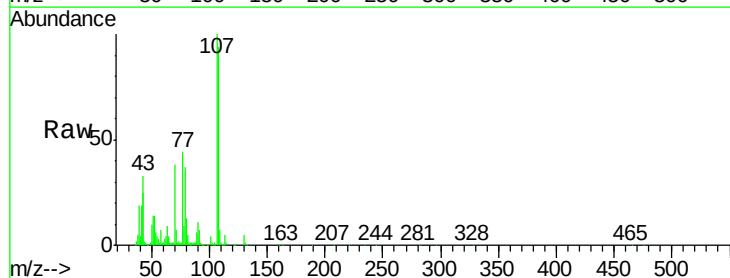
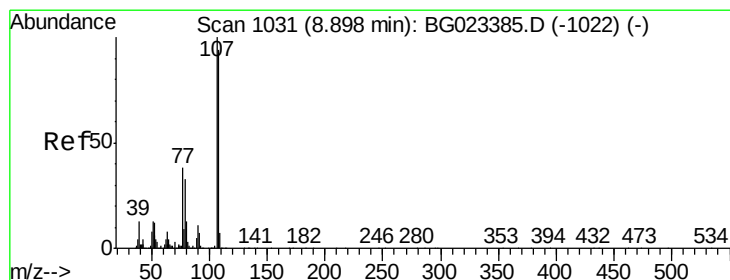


Instrument :
BNA_G
ClientSampleId :
MW-04MSD

Manual Integrations
APPROVED

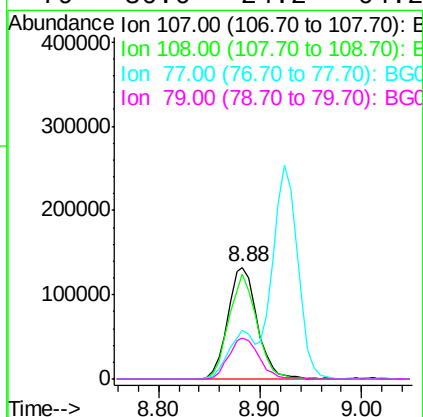
sohil

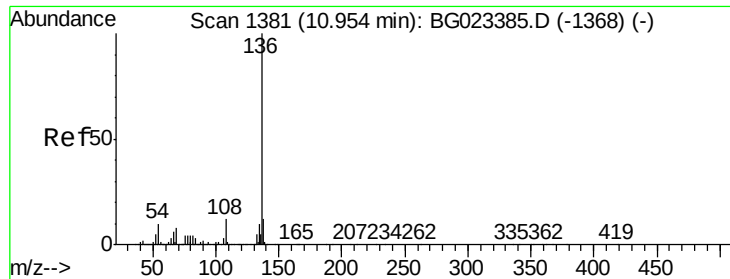
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#20
3+4-Methylphenols
Concen: 22.86 ng
RT: 8.88 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	94.1	72.5	112.5	
77	43.8	30.1	70.1	
79	36.6	24.2	64.2	





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

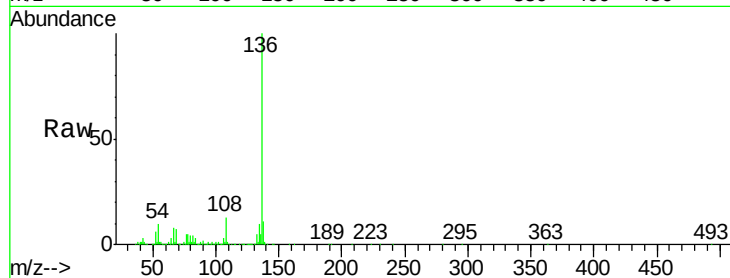
Instrument :
BNA_G
ClientSampleId :
MW-04MSD

Tgt	Ion	Ratio	Resp	Lower	Upper
136	100		551734		
137	11.0	9.6	14.4		
54	9.5	7.3	10.9		
68	7.2	5.3	7.9		

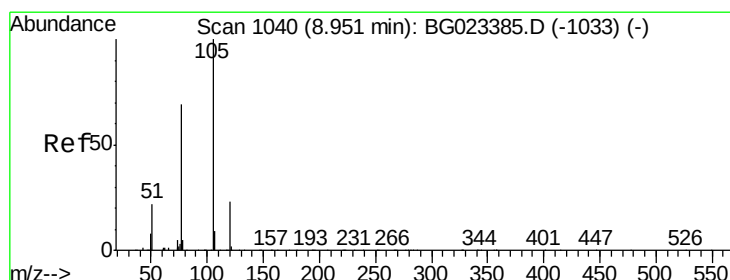
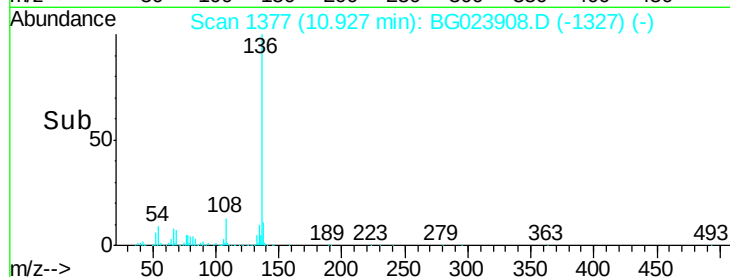
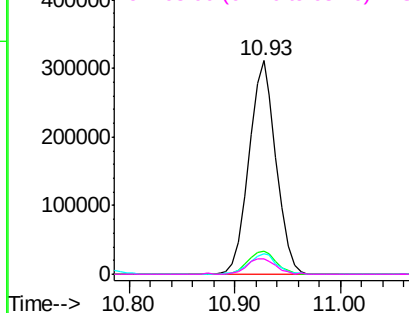
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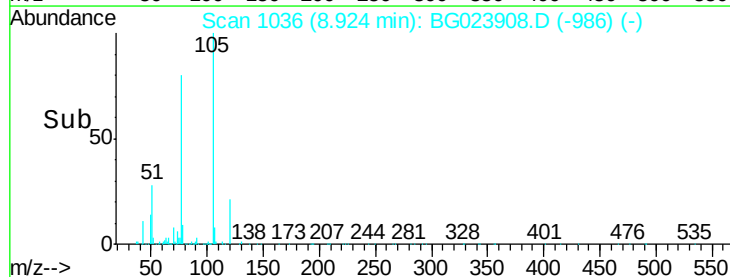
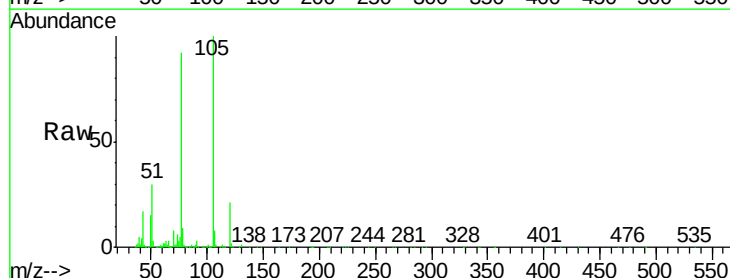
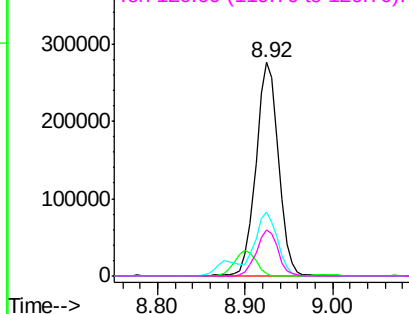
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

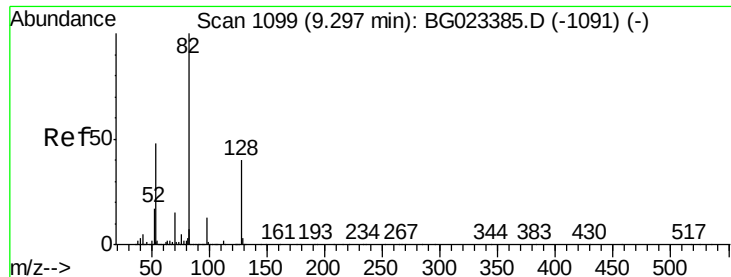


#22
Acetophenone
Concen: 32.10 ng
RT: 8.92 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

Tgt	Ion	Ratio	Resp	Lower	Upper
105	100		484854		
71	1.3	2.6	3.8#		
51	30.3	27.1	40.7		
120	21.4	15.1	22.7		

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





#23
 Nitrobenzene-d5
 Concen: 77.48 ng
 RT: 9.27 min Scan# 1095
 Delta R.T. -0.01 min
 Lab File: BG023908.D
 Acq: 26 Aug 2016 00:14

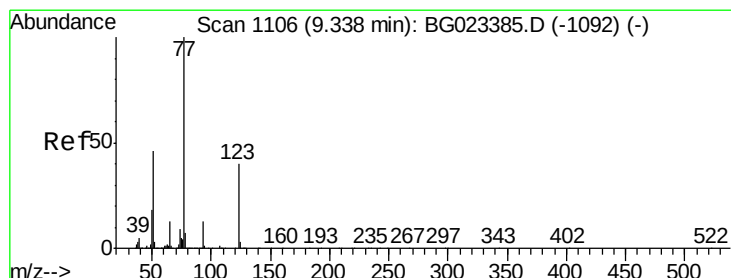
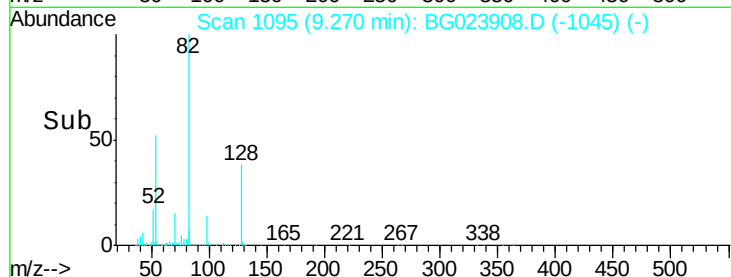
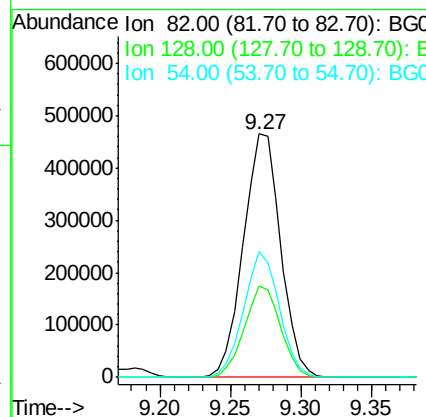
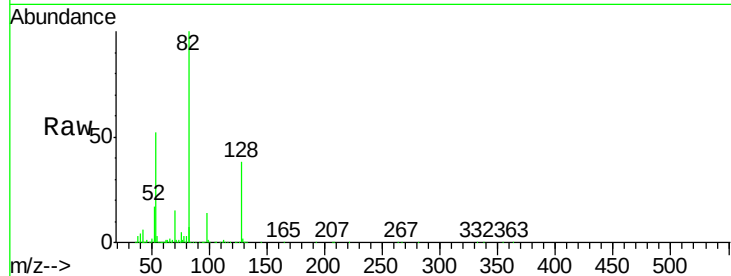
Instrument :
 BNA_G
 ClientSampleId :
 MW-04MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.7	24.4	36.6#
54	52.0	41.4	62.0

Manual Integrations
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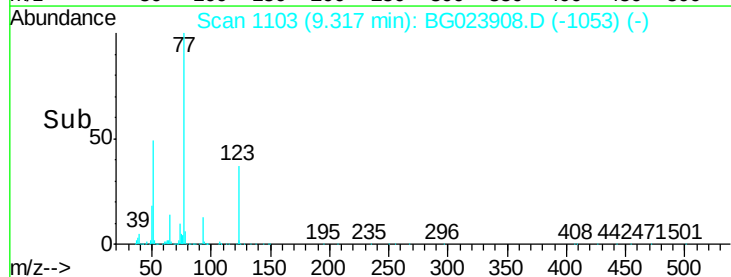
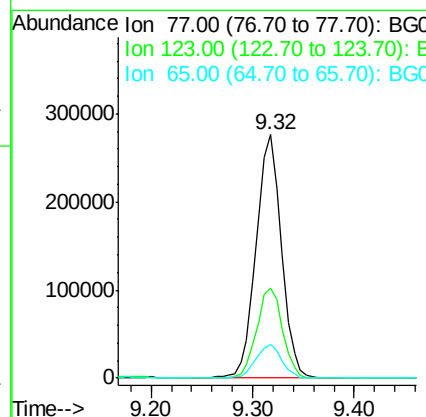
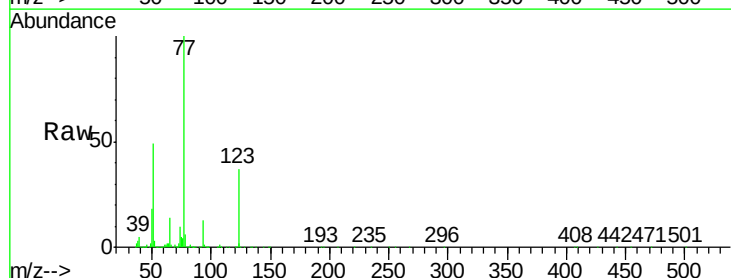
sohil

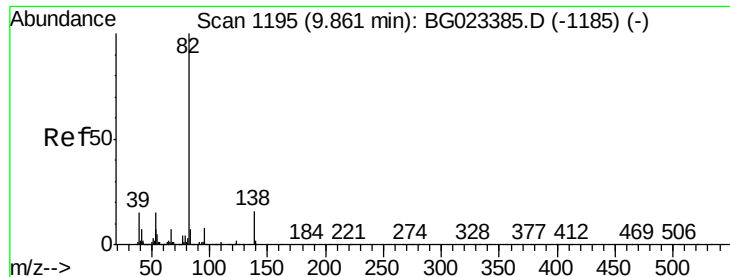
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#24
 Nitrobenzene
 Concen: 38.87 ng
 RT: 9.32 min Scan# 1103
 Delta R.T. -0.01 min
 Lab File: BG023908.D
 Acq: 26 Aug 2016 00:14

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.9	25.0	37.6
65	13.8	13.4	20.0





#25

Isophorone

Concen: 38.18 ng

RT: 9.83 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BG023908.D

Acq: 26 Aug 2016 00:14

Instrument :

BNA_G

ClientSampleId :

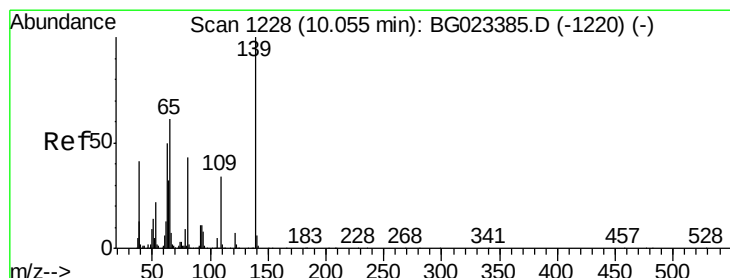
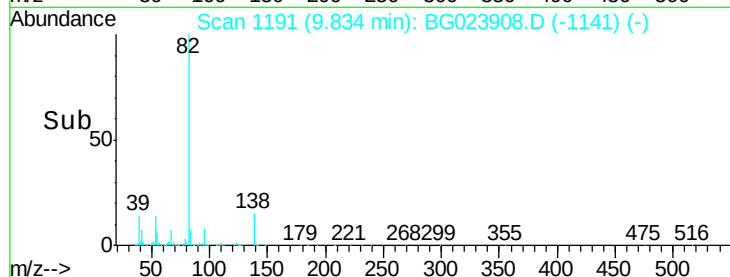
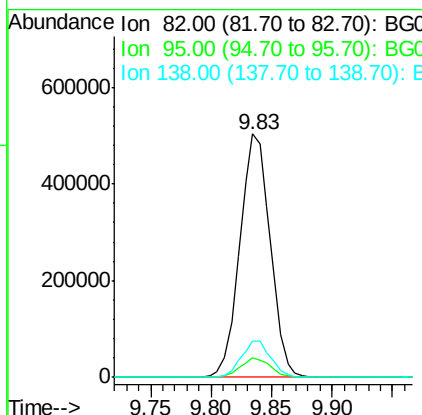
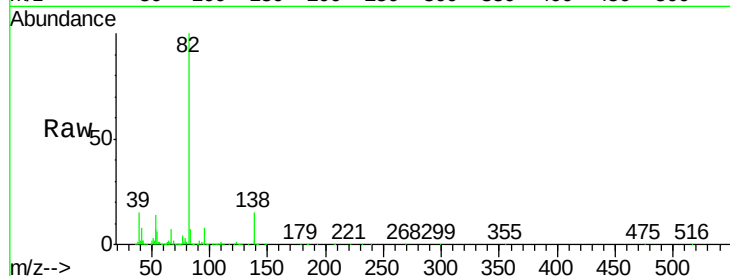
MW-04MSD

Tgt Ion:	82	Resp:	882470
Ion Ratio		Lower	Upper
82	100		
95	8.2	8.2	12.2
138	14.7	10.7	16.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 35.31 ng

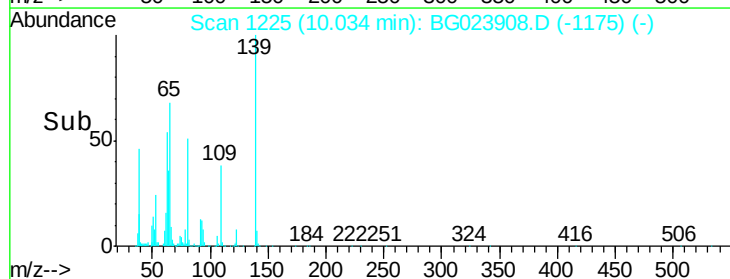
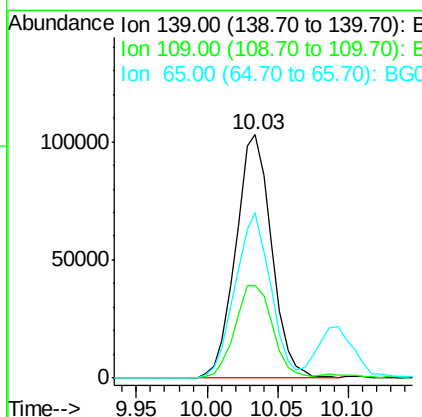
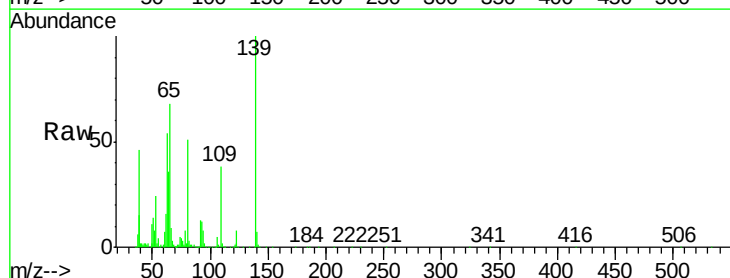
RT: 10.03 min Scan# 1225

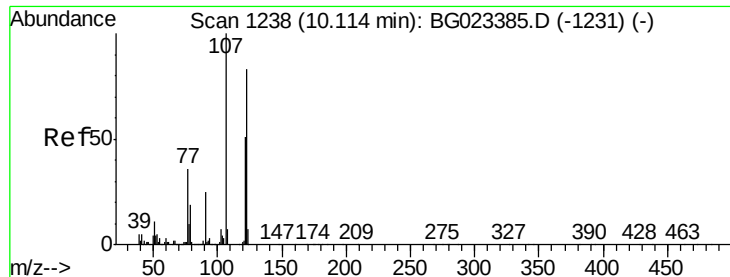
Delta R.T. -0.01 min

Lab File: BG023908.D

Acq: 26 Aug 2016 00:14

Tgt Ion:	139	Resp:	183152
Ion Ratio		Lower	Upper
139	100		
109	38.1	43.5	65.3#
65	67.9	64.3	96.5





#27
 2,4-Dimethylphenol
 Concen: 33.53 ng
 RT: 10.09 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: BG023908.D
 Acq: 26 Aug 2016 00:14

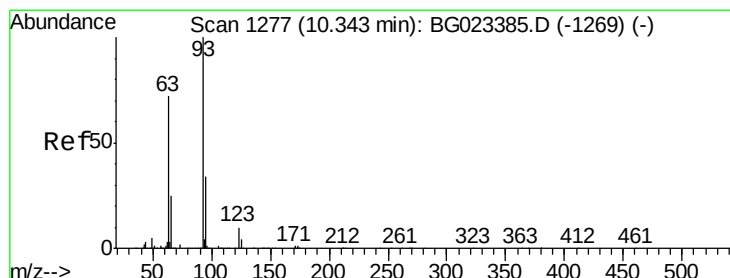
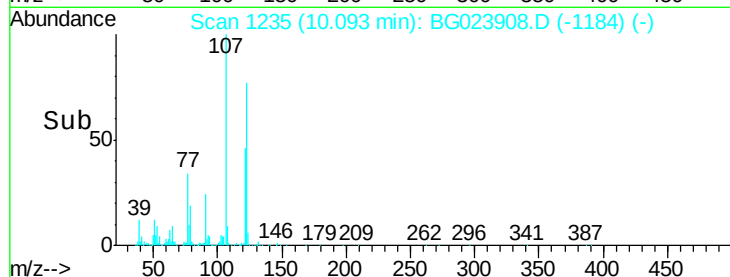
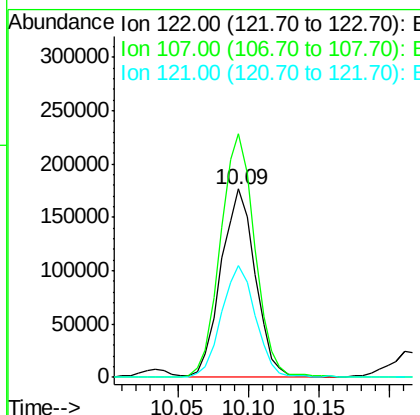
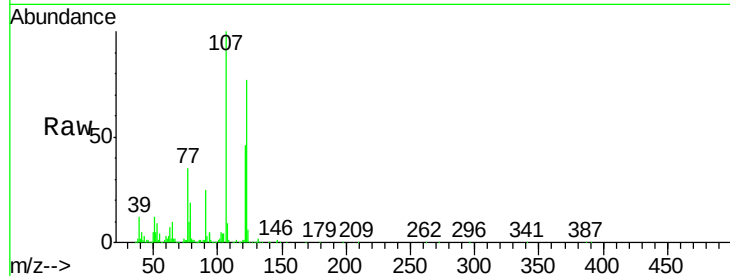
Instrument :
 BNA_G
 ClientSampleId :
 MW-04MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	296095		
107	129.4	117.0	175.4	
121	59.2	50.1	75.1	

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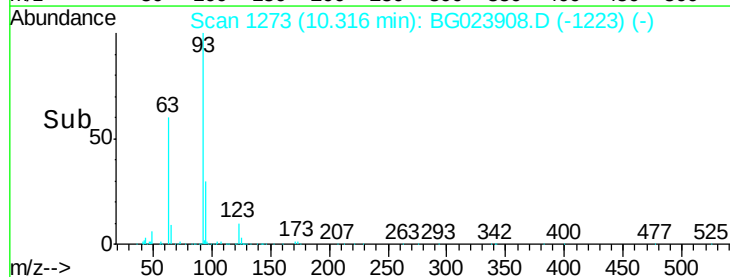
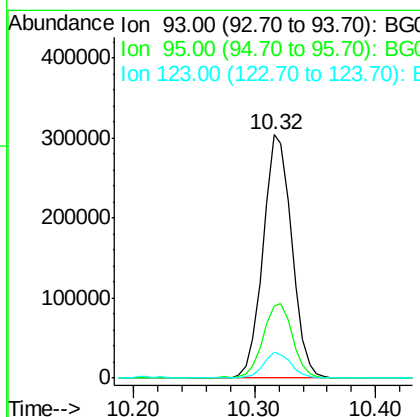
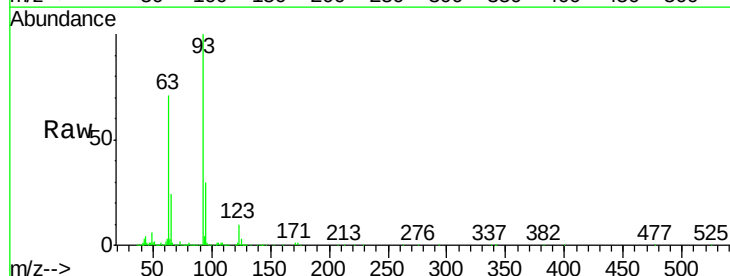
sohil

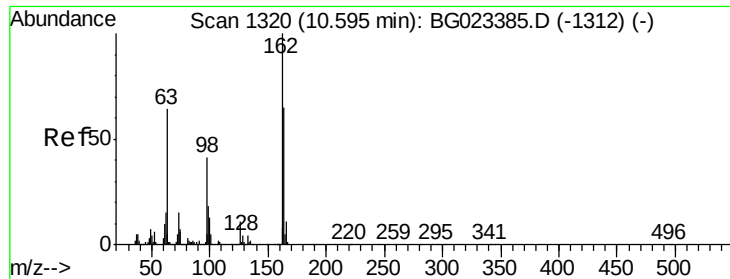
8/26/2016 5:56:06 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.79 ng
 RT: 10.32 min Scan# 1273
 Delta R.T. -0.01 min
 Lab File: BG023908.D
 Acq: 26 Aug 2016 00:14

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	497385		
95	29.6	25.4	38.2	
123	10.5	8.2	12.2	





#29
 2,4-Dichlorophenol
 Concen: 36.18 ng
 RT: 10.58 min Scan# 1318
 Delta R.T. 0.00 min
 Lab File: BG023908.D
 Acq: 26 Aug 2016 00:14

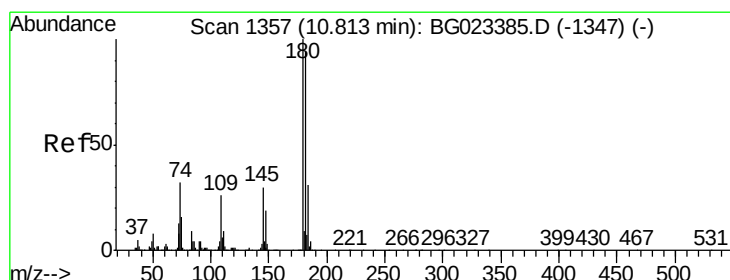
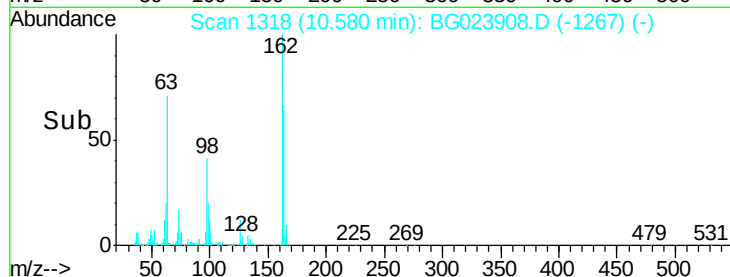
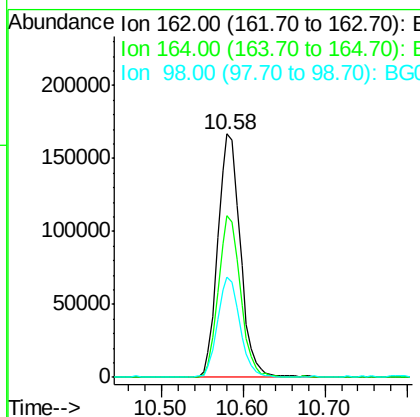
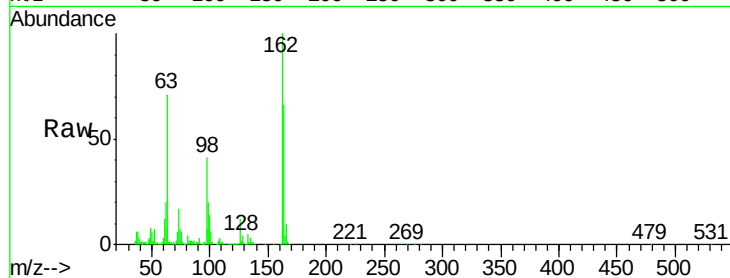
Instrument :
 BNA_G
 ClientSampleId :
 MW-04MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	66.2	44.3	84.3
98	41.0	19.5	59.5

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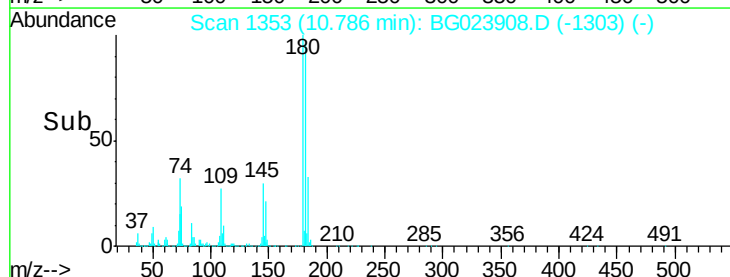
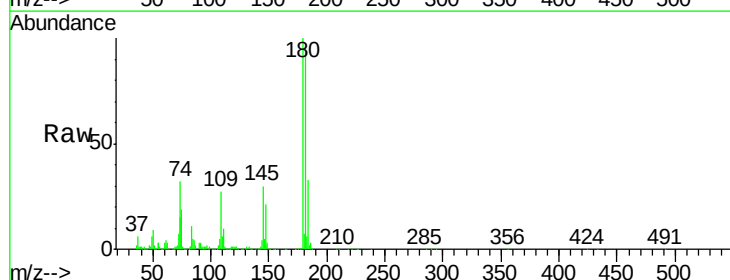
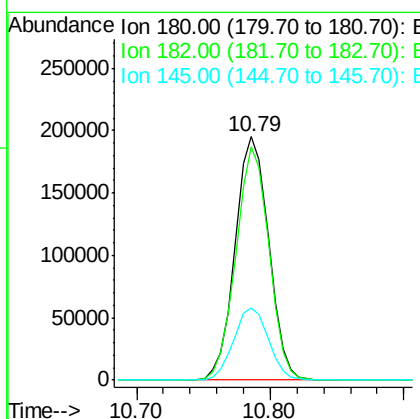
sohil

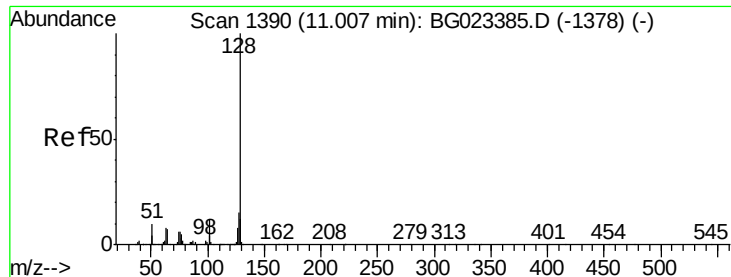
8/26/2016 5:56:06 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 35.52 ng
 RT: 10.79 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: BG023908.D
 Acq: 26 Aug 2016 00:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.1	73.8	110.8
145	29.7	24.4	36.6





#31
Naphthalene
Concen: 36.18 ng
RT: 10.97 min Scan# 1385
Delta R.T. -0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

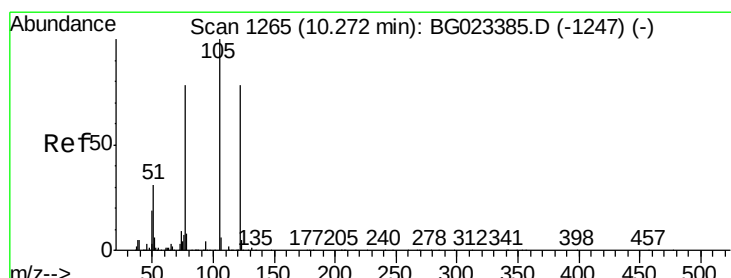
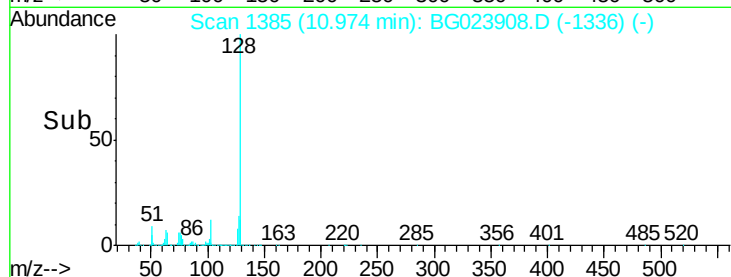
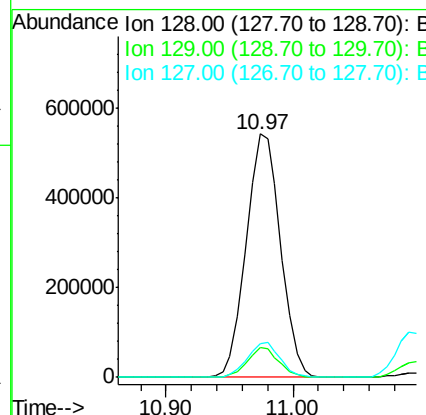
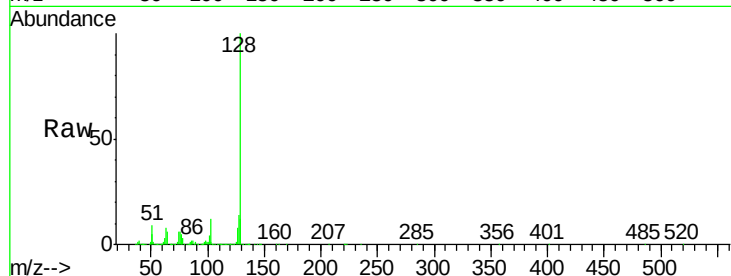
Instrument :
BNA_G
ClientSampleId :
MW-04MSD

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.4	14.0
127	13.8	11.3	16.9

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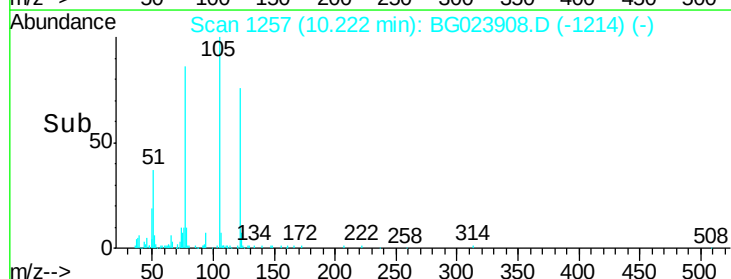
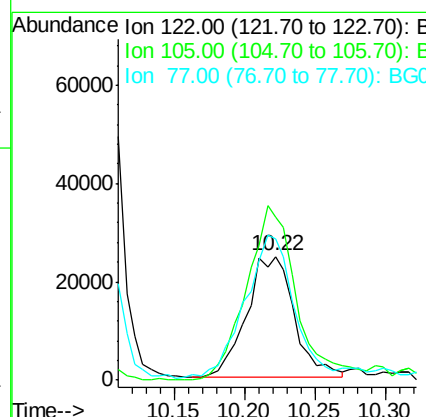
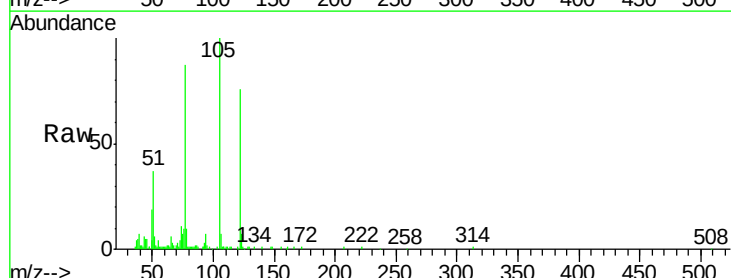
sohil

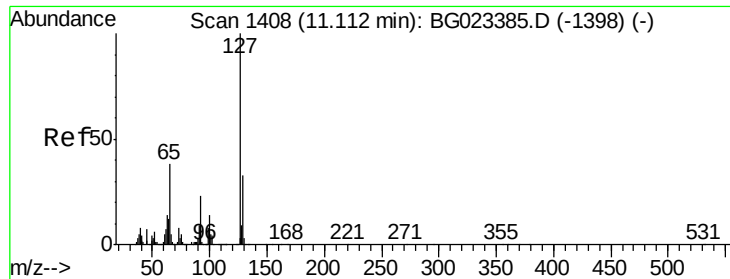
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#32
Benzoic acid
Concen: 12.61 ng
RT: 10.22 min Scan# 1257
Delta R.T. -0.05 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.5	117.2	157.2
77	114.4	109.2	149.2





#33
4-Chloroaniline
Concen: 15.41 ng
RT: 11.09 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

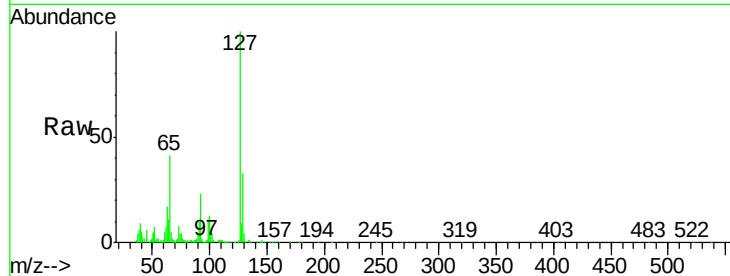
Instrument :
BNA_G
ClientSampleId :
MW-04MSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	207000		
129	32.5	27.9	41.9	
65	41.0	36.8	55.2	
92	23.1	21.0	31.6	

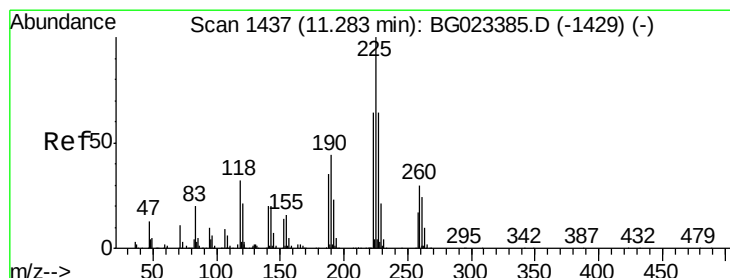
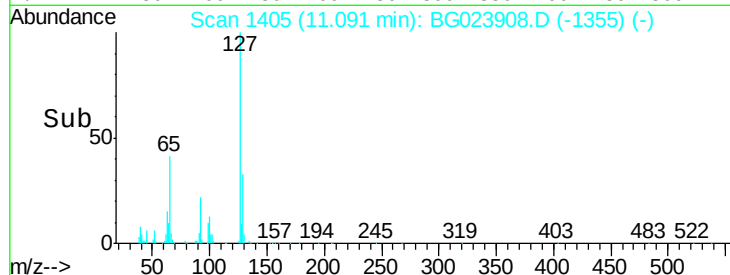
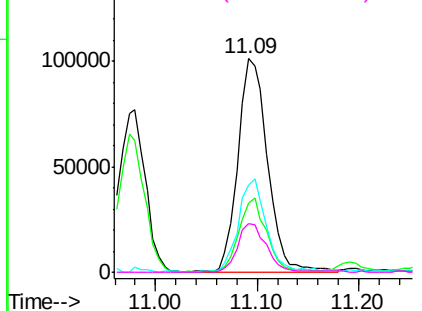
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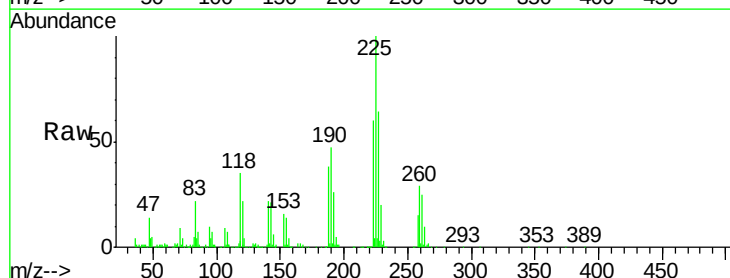


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

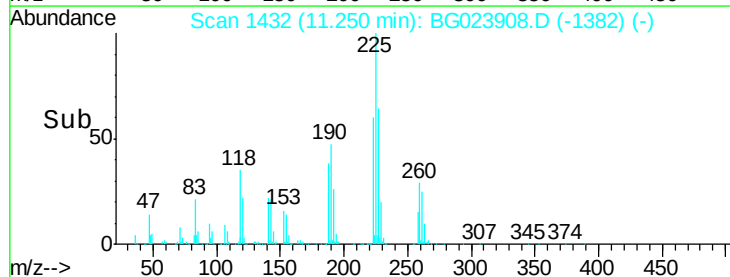
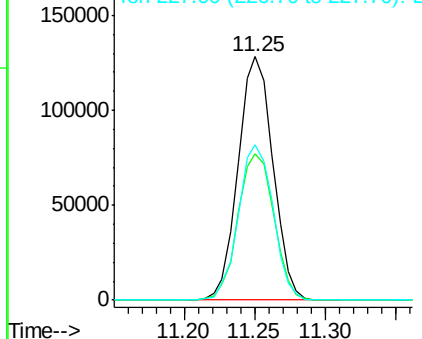


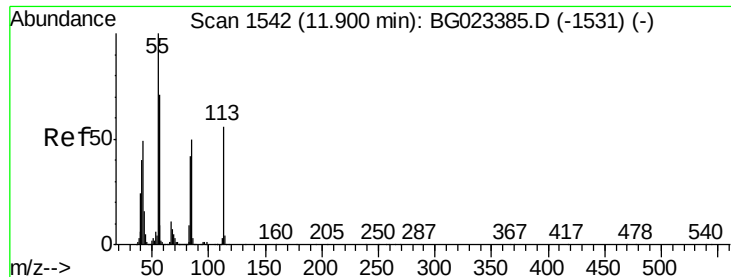
#34
Hexachlorobutadiene
Concen: 34.81 ng
RT: 11.25 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	219234		
223	60.3	49.6	74.4	
227	64.0	54.5	81.7	



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





#35

Caprolactam

Concen: 6.63 ng

RT: 11.92 min Scan# 1546

Delta R.T. 0.04 min

Lab File: BG023908.D

Acq: 26 Aug 2016 00:14

Instrument :

BNA_G

ClientSampleId :

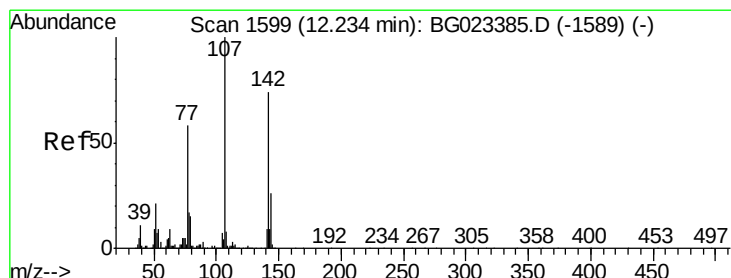
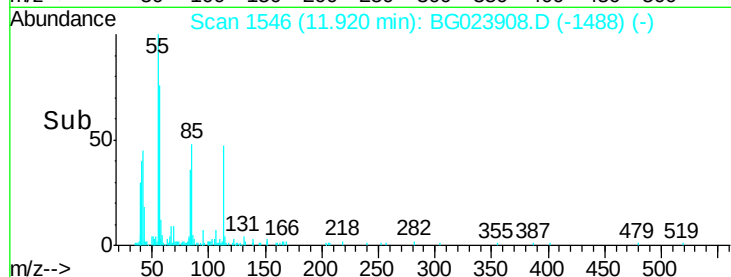
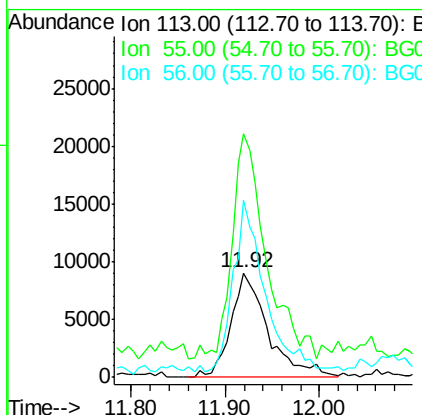
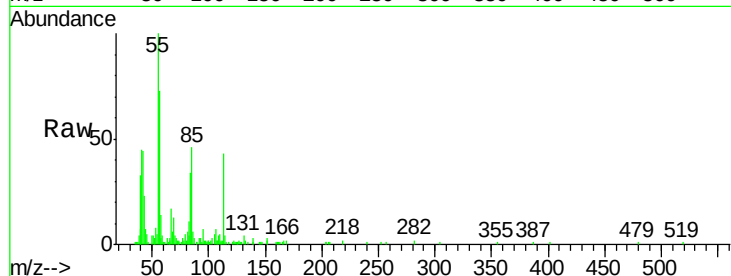
MW-04MSD

Tgt Ion	Ratio	Lower	Upper
113	100		
55	232.6	154.5	194.5#
56	168.9	125.1	165.1#

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#36

4-Chloro-3-methylphenol

Concen: 31.85 ng

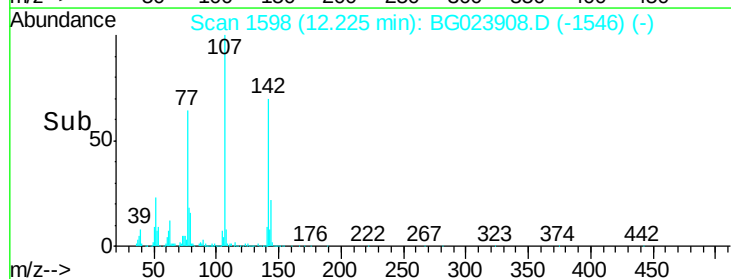
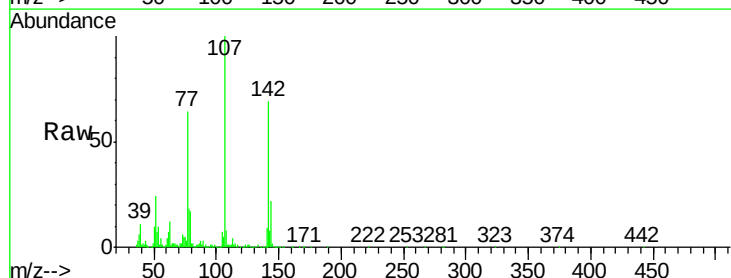
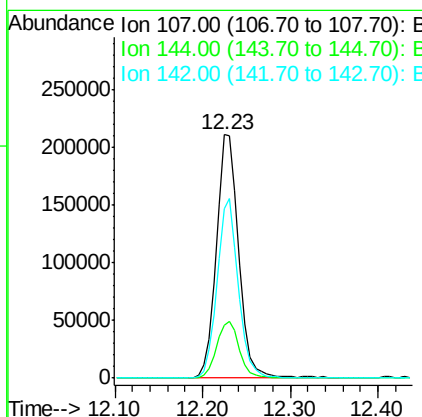
RT: 12.23 min Scan# 1598

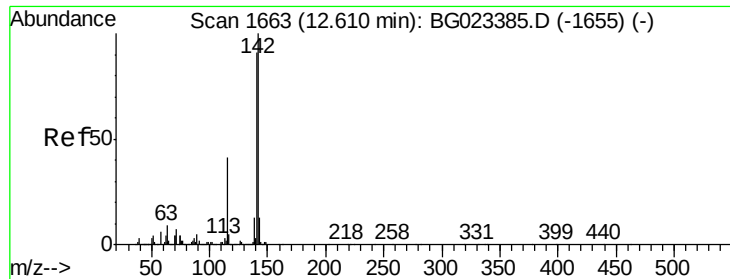
Delta R.T. 0.01 min

Lab File: BG023908.D

Acq: 26 Aug 2016 00:14

Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.8	17.0	25.6
142	69.4	53.0	79.6





#37
2-Methylnaphthalene
Concen: 35.25 ng
RT: 12.58 min Scan# 1659
Delta R.T. -0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

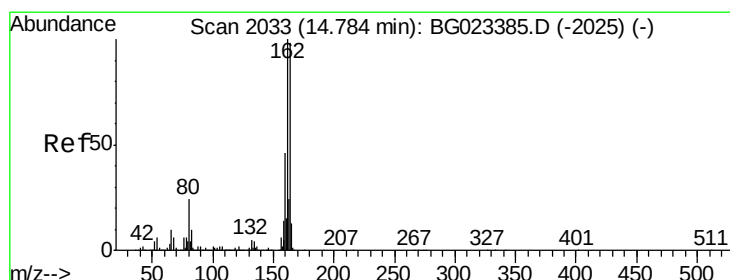
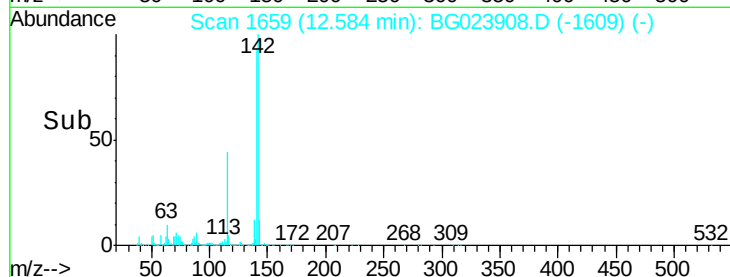
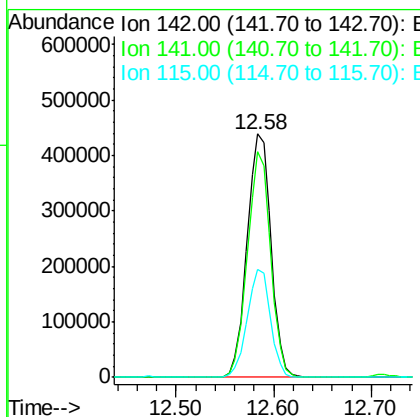
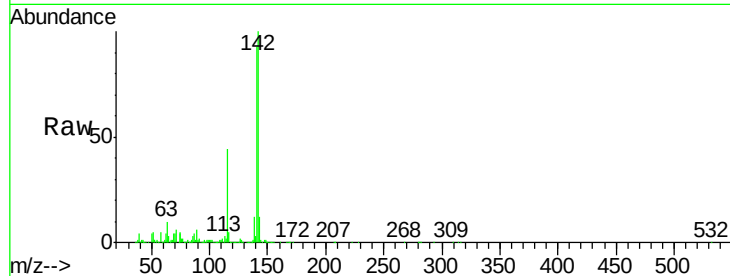
Instrument :
BNA_G
ClientSampleId :
MW-04MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	70.2	105.2
115	44.1	41.7	62.5

Manual Integrations
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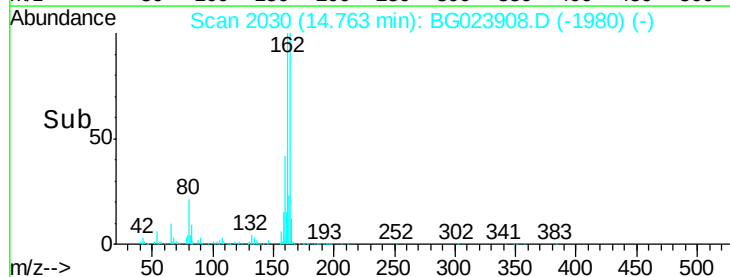
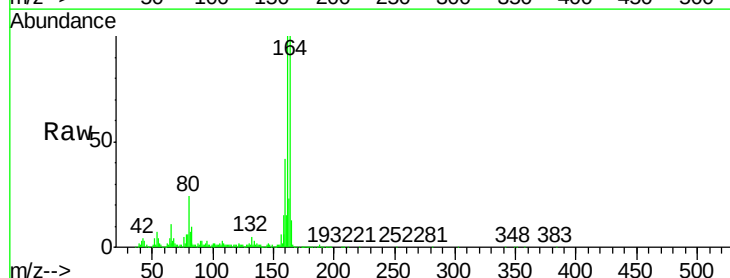
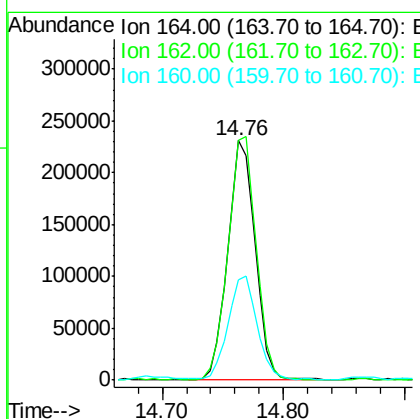
sohil

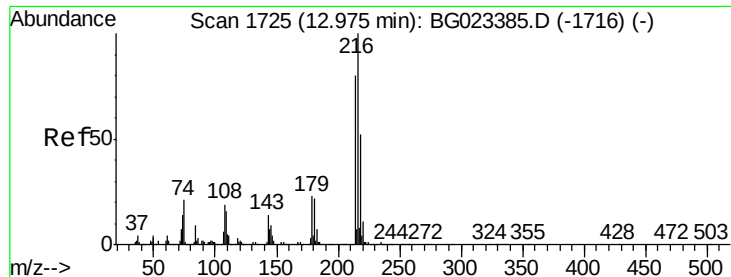
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.2	87.7	131.5
160	42.0	37.2	55.8





#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 27.82 ng
 RT: 12.95 min Scan# 1722
 Delta R.T. -0.01 min
 Lab File: BG023908.D
 Acq: 26 Aug 2016 00:14

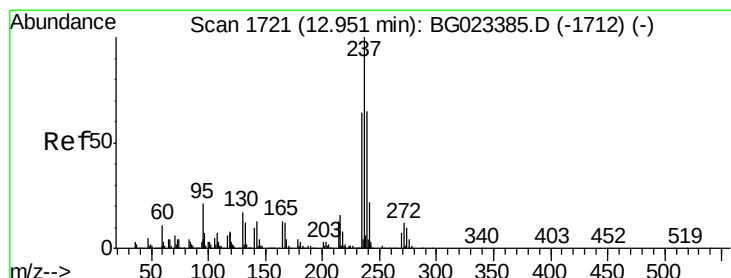
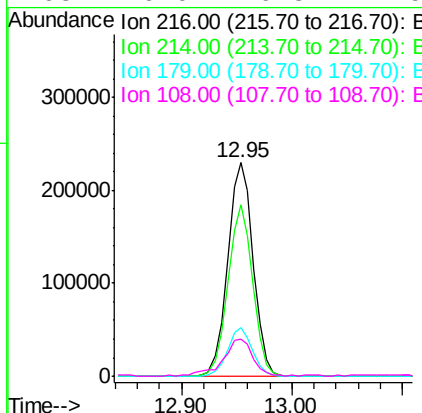
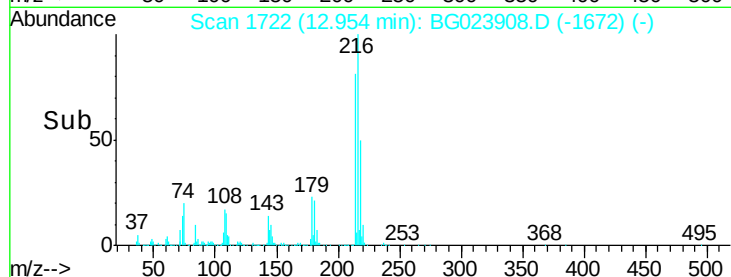
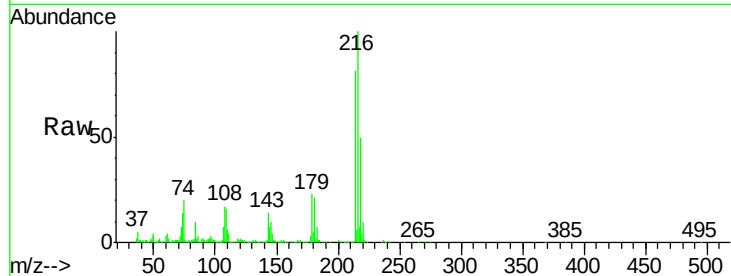
Instrument :
 BNA_G
 ClientSampleId :
 MW-04MSD

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	368653		
214	78.3	62.9	94.3	
179	22.3	17.2	25.8	
108	20.0	16.3	24.5	

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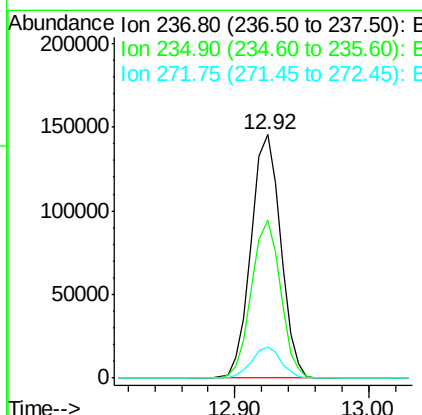
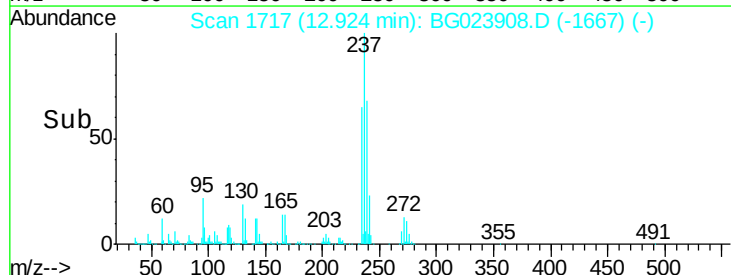
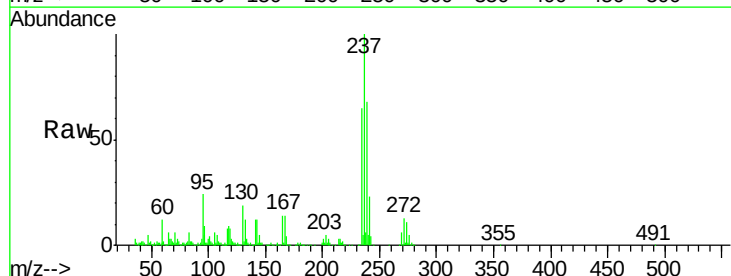
sohil

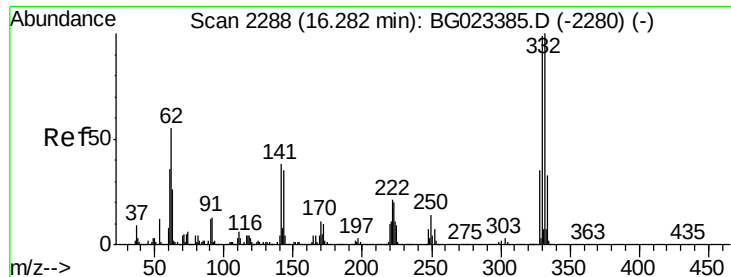
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#40
 Hexachlorocyclopentadiene
 Concen: 33.18 ng
 RT: 12.92 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG023908.D
 Acq: 26 Aug 2016 00:14

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	221743		
235	64.7	43.1	83.1	
272	12.6	0.0	30.9	





#41

2,4,6-Tribromophenol

Concen: 86.51 ng

RT: 16.27 min Scan# 2287

Delta R.T. 0.01 min

Lab File: BG023908.D

Acq: 26 Aug 2016 00:14

Instrument :

BNA_G

ClientSampleId :

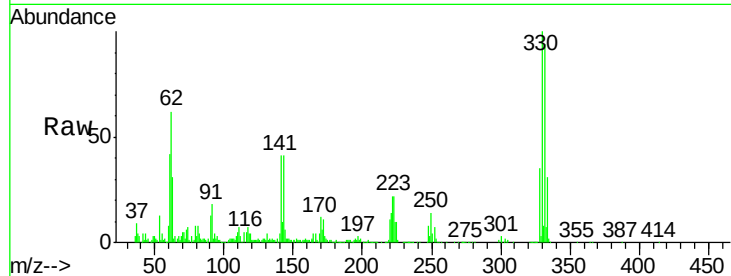
MW-04MSD

Tgt Ion:	330	Resp:	462441
Ion Ratio	Lower	Upper	
330	100		
332	95.5	77.4	116.2
141	43.1	31.7	47.5

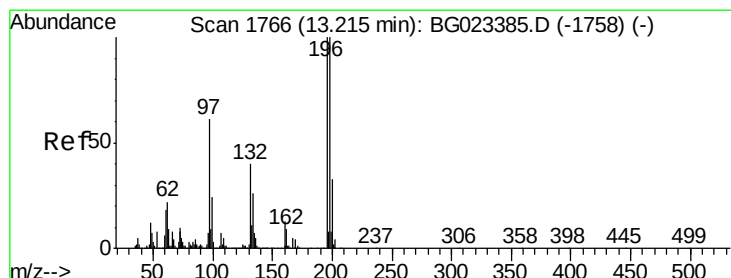
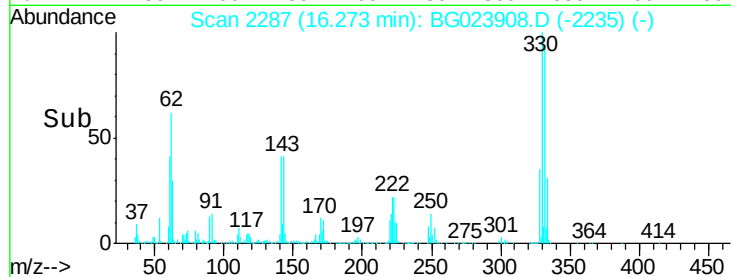
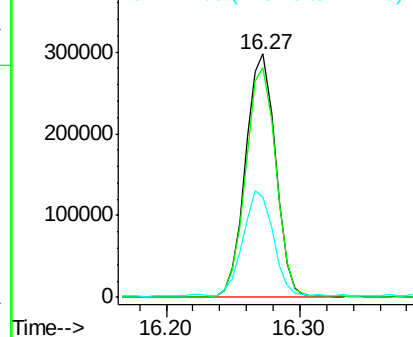
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 34.59 ng

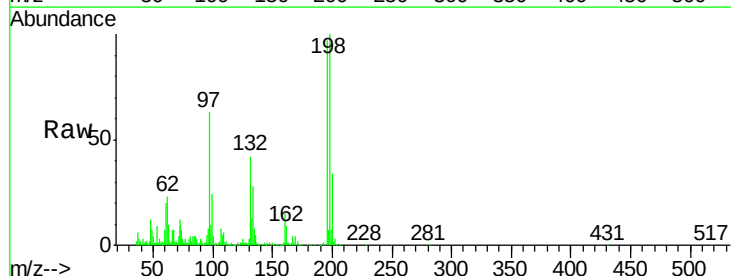
RT: 13.20 min Scan# 1764

Delta R.T. 0.00 min

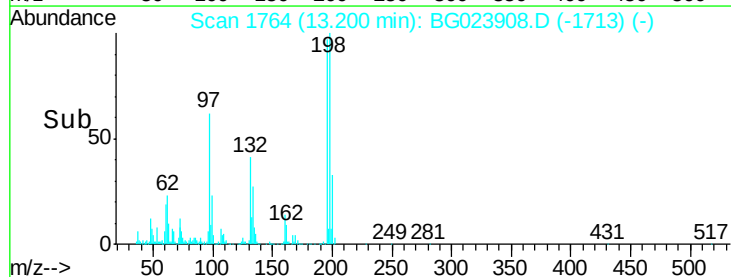
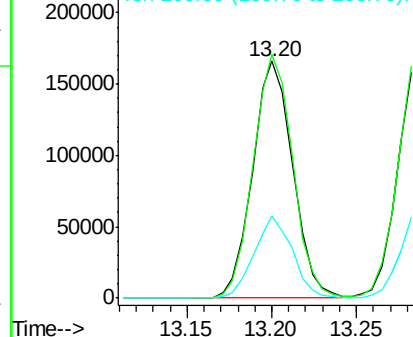
Lab File: BG023908.D

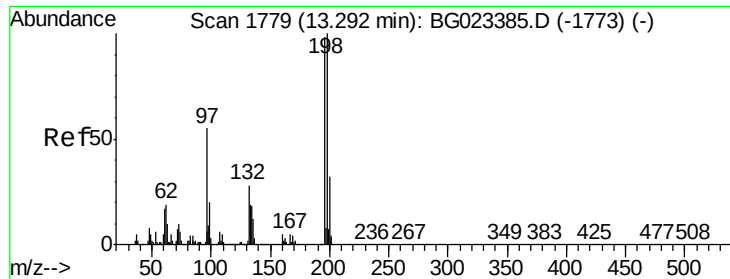
Acq: 26 Aug 2016 00:14

Tgt Ion:	196	Resp:	273106
Ion Ratio	Lower	Upper	
196	100		
198	102.7	78.2	117.2
200	34.5	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: 34.50 ng
RT: 13.29 min Scan# 1779
Delta R.T. 0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

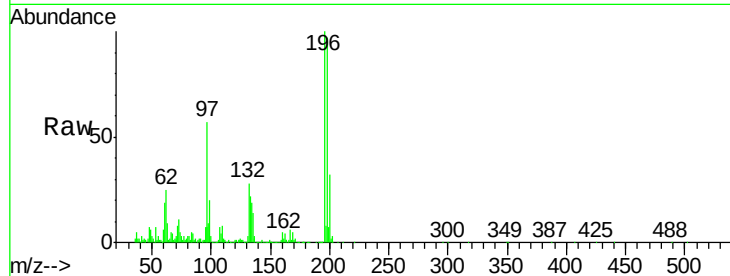
Instrument :
BNA_G
ClientSampleId :
MW-04MSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	280406		
198	97.1	85.7	128.5	
97	56.6	45.5	68.3	
132	28.2	18.9	28.3	

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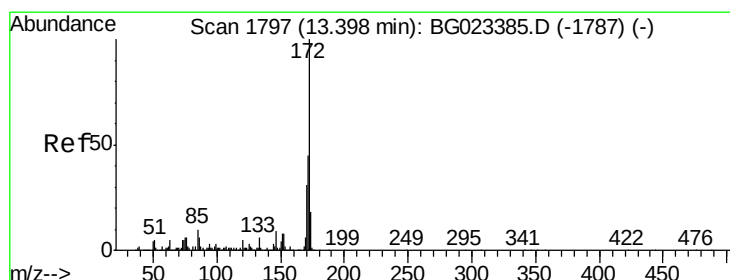
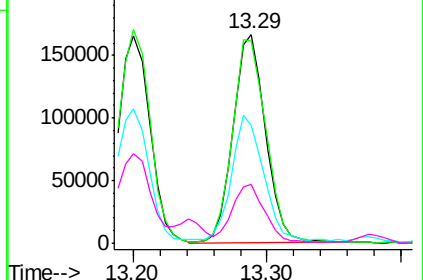
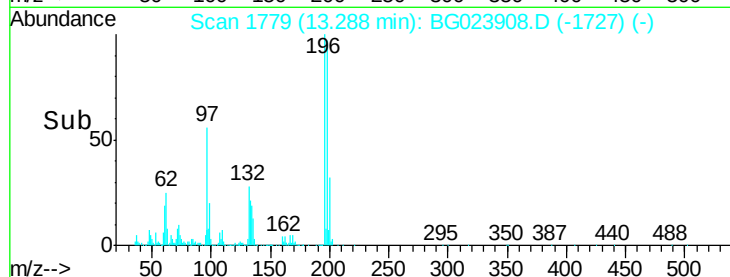
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

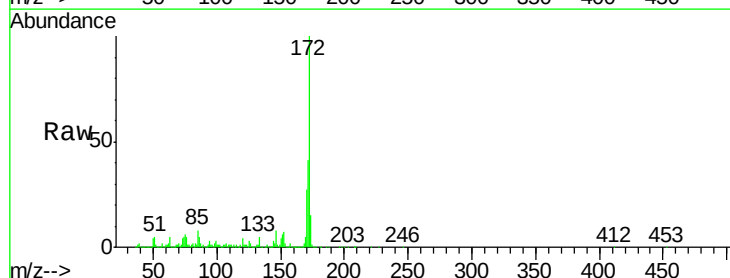
Ion 97.00 (96.70 to 97.70): BG

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 74.91 ng
RT: 13.38 min Scan# 1794
Delta R.T. -0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1623086		
171	41.3	31.6	47.4	
170	27.5	21.3	31.9	

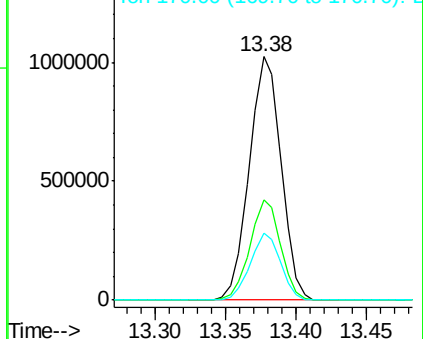
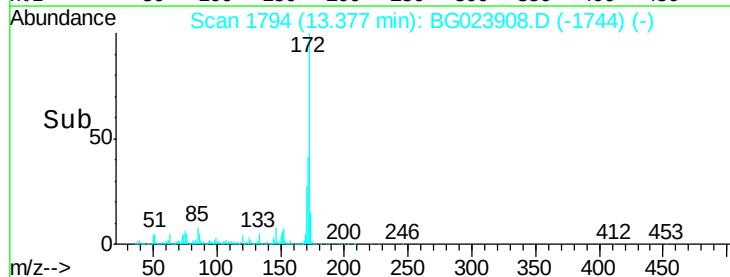


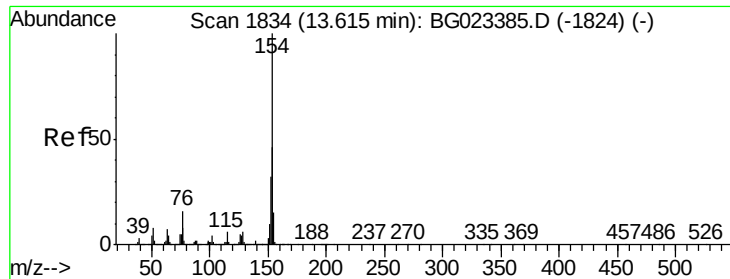
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45
 1,1'-Biphenyl
 Concen: 32.37 ng
 RT: 13.59 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BG023908.D
 Acq: 26 Aug 2016 00:14

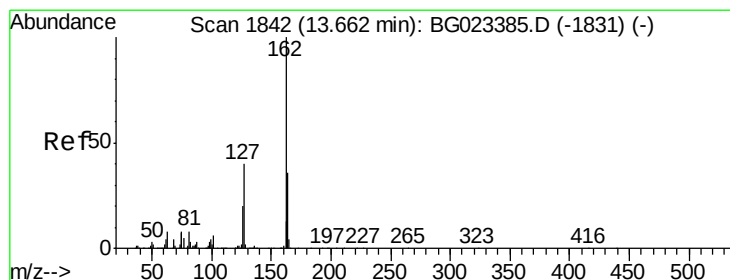
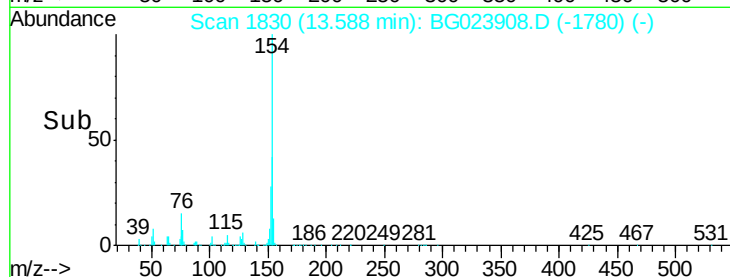
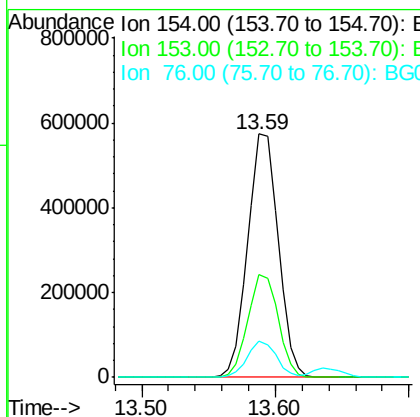
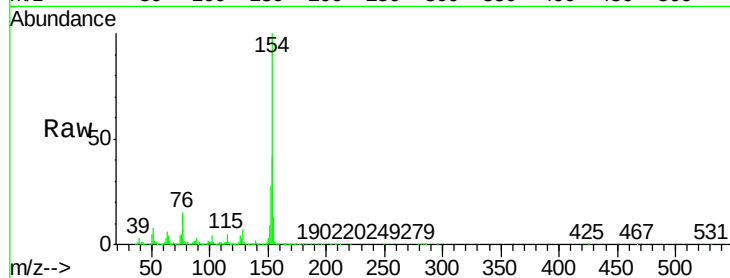
Instrument :
 BNA_G
 ClientSampleId :
 MW-04MSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.1	20.2	60.2
76	15.0	0.0	32.9

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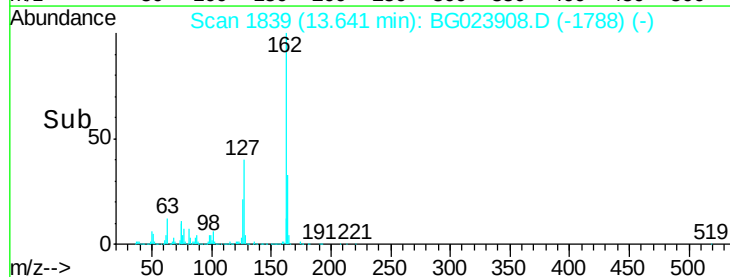
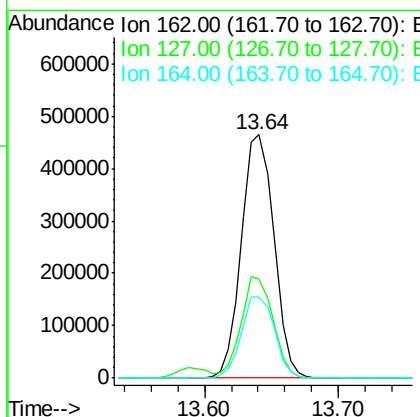
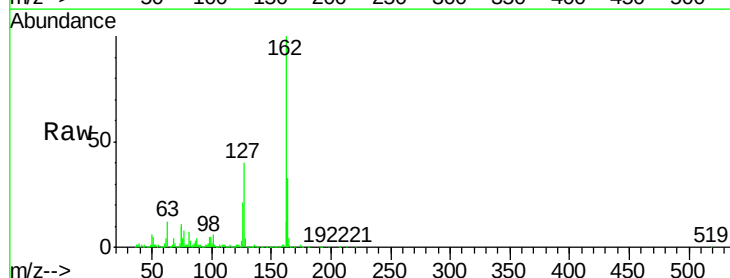
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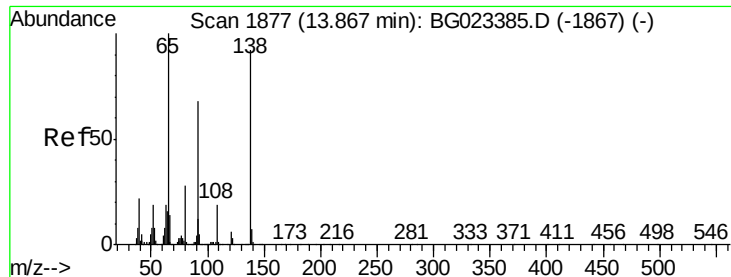
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#46
 2-Chloronaphthalene
 Concen: 36.23 ng
 RT: 13.64 min Scan# 1839
 Delta R.T. 0.00 min
 Lab File: BG023908.D
 Acq: 26 Aug 2016 00:14

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.5	32.4	48.6
164	33.4	25.2	37.8





#47

2-Nitroaniline

Concen: 38.22 ng

RT: 13.85 min Scan# 1875

Delta R.T. 0.00 min

Lab File: BG023908.D

Acq: 26 Aug 2016 00:14

Instrument :

BNA_G

ClientSampled :

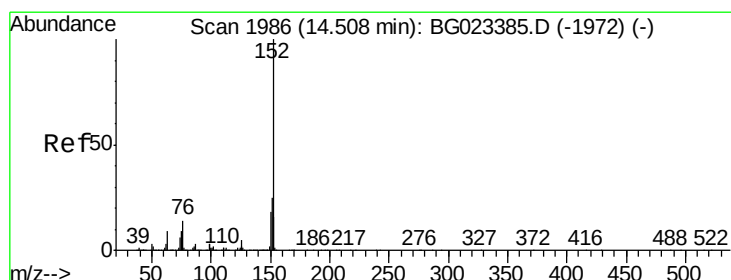
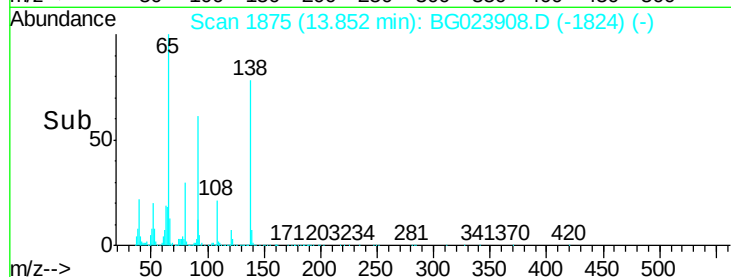
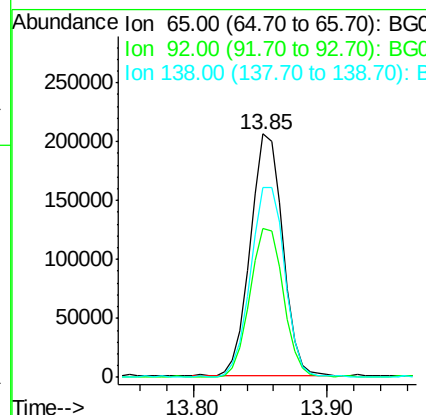
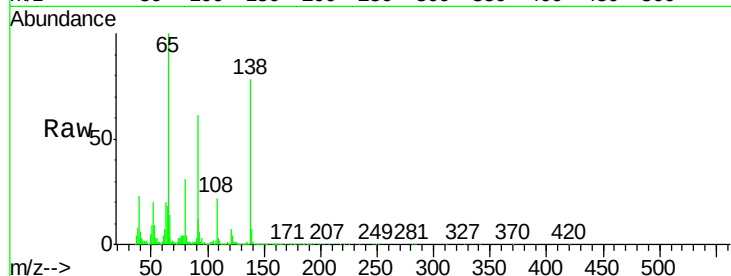
MW-04MSD

Tgt Ion:	65	Resp:	342931
Ion Ratio	Lower	Upper	
65	100		
92	60.9	49.4	74.0
138	77.8	58.0	87.0

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#48

Acenaphthylene

Concen: 34.87 ng

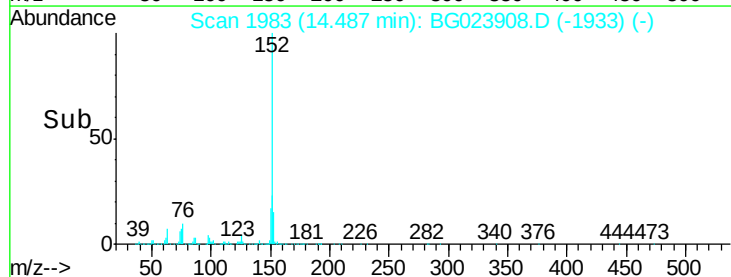
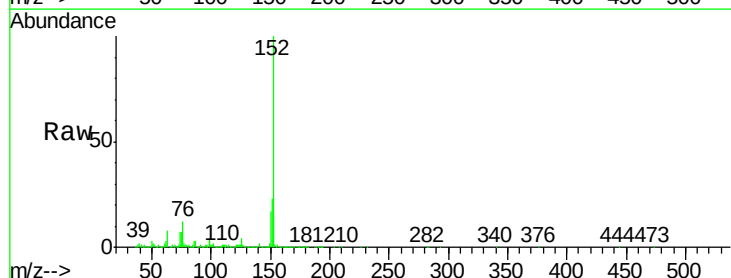
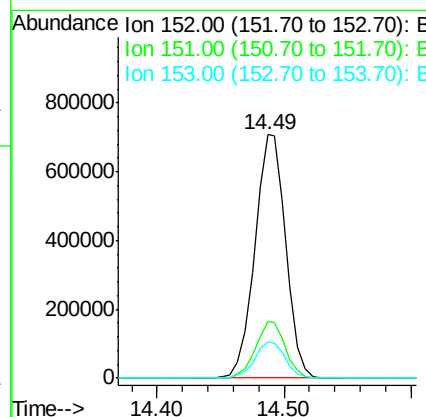
RT: 14.49 min Scan# 1983

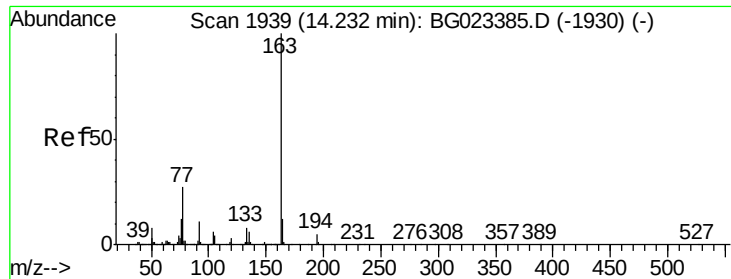
Delta R.T. -0.01 min

Lab File: BG023908.D

Acq: 26 Aug 2016 00:14

Tgt Ion:	152	Resp:	1191458
Ion Ratio	Lower	Upper	
152	100		
151	23.4	17.6	26.4
153	14.7	11.4	17.2





#49

Dimethylphthalate

Concen: 41.79 ng

RT: 14.22 min Scan# 1937

Delta R.T. 0.00 min

Lab File: BG023908.D

Acq: 26 Aug 2016 00:14

Instrument :

BNA_G

ClientSampleId :

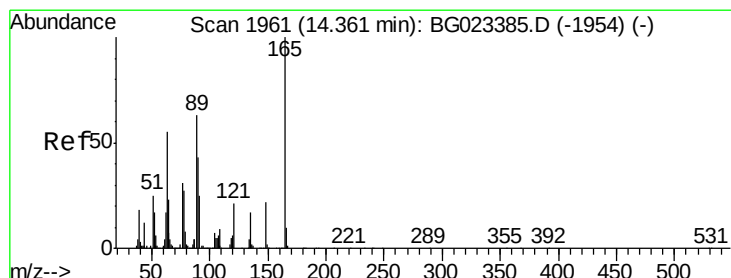
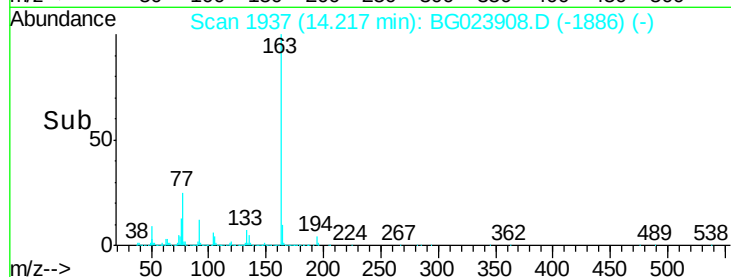
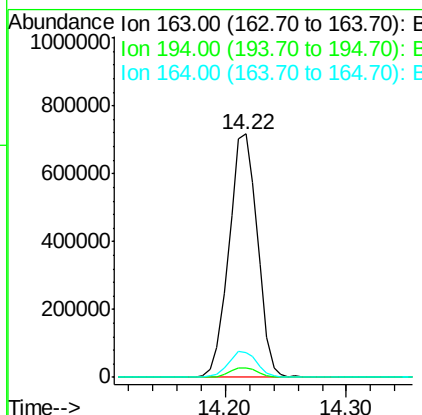
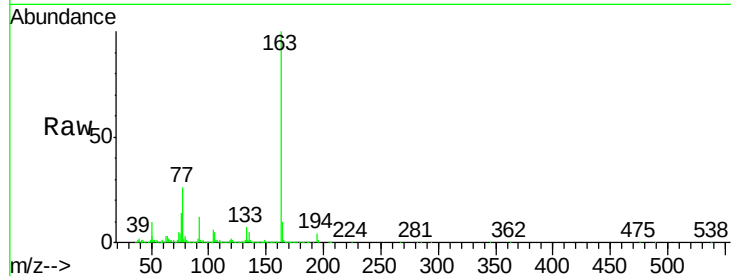
MW-04MSD

Tgt Ion:	163	Resp:	1171712
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.6	5.4
164	10.2	8.1	12.1

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#50

2,6-Dinitrotoluene

Concen: 35.07 ng

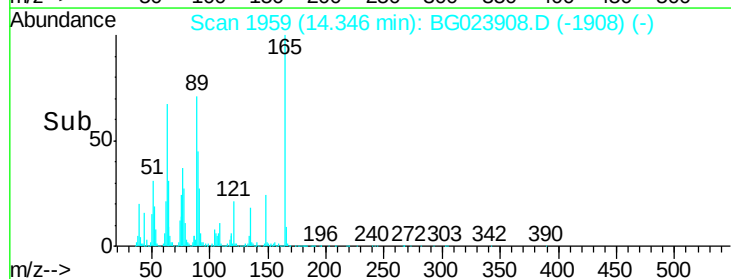
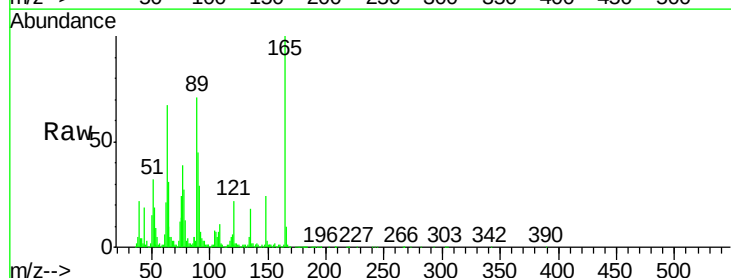
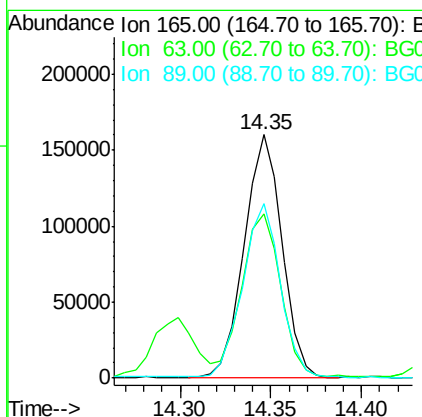
RT: 14.35 min Scan# 1959

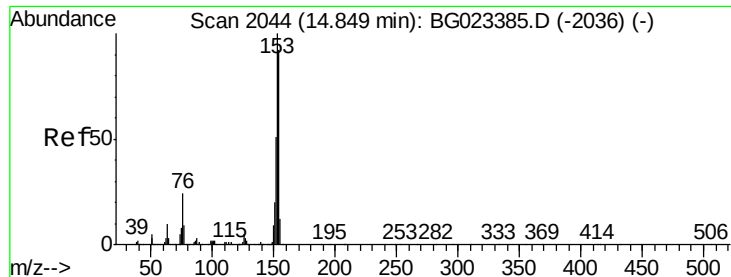
Delta R.T. 0.00 min

Lab File: BG023908.D

Acq: 26 Aug 2016 00:14

Tgt Ion:	165	Resp:	232886
Ion Ratio	Lower	Upper	
165	100		
63	67.4	64.3	96.5
89	71.4	64.3	96.5





#51

Acenaphthene

Concen: 36.29 ng

RT: 14.83 min Scan# 2042

Delta R.T. 0.00 min

Lab File: BG023908.D

Acq: 26 Aug 2016 00:14

Instrument :

BNA_G

ClientSampleId :

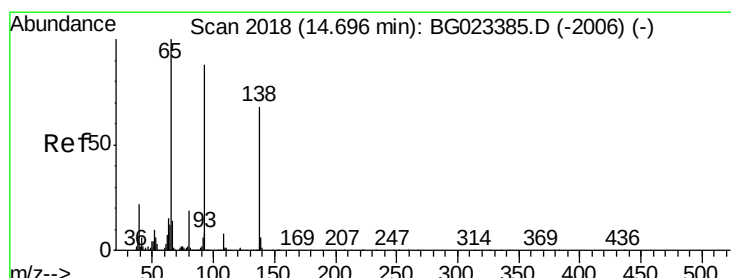
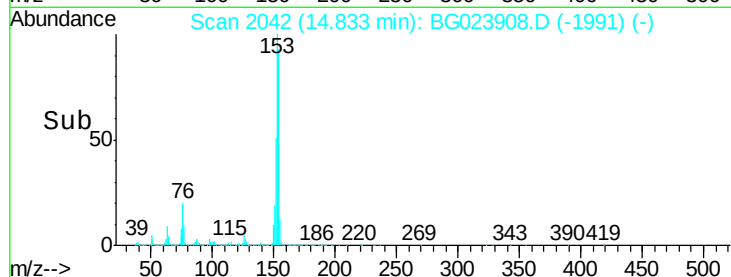
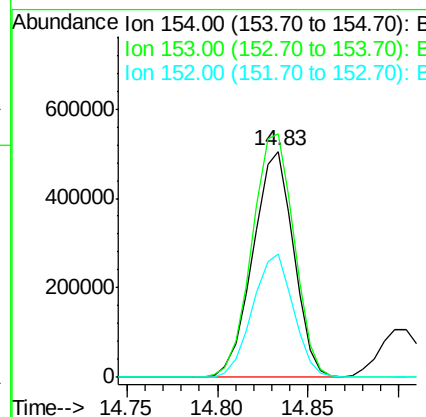
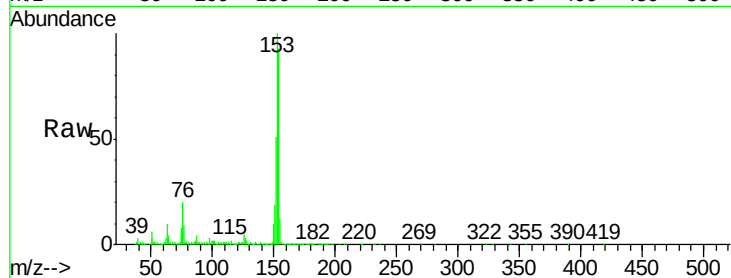
MW-04MSD

Tgt Ion:	154	Resp:	785415
Ion Ratio	Lower	Upper	
154	100		
153	107.6	87.5	131.3
152	54.7	42.7	64.1

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#52

3-Nitroaniline

Concen: 17.40 ng

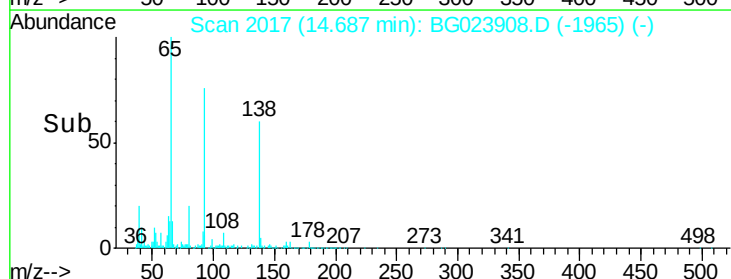
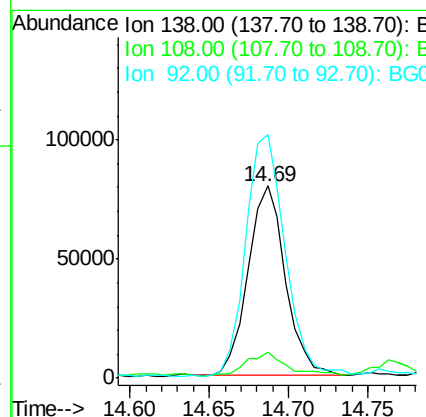
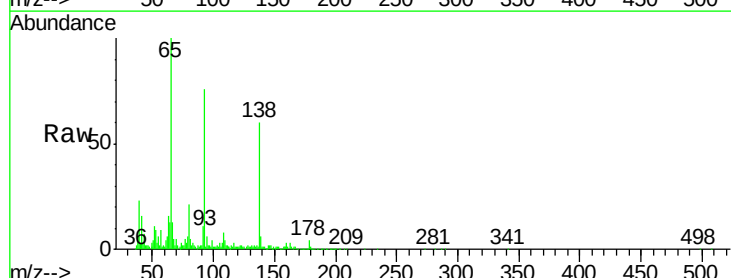
RT: 14.69 min Scan# 2017

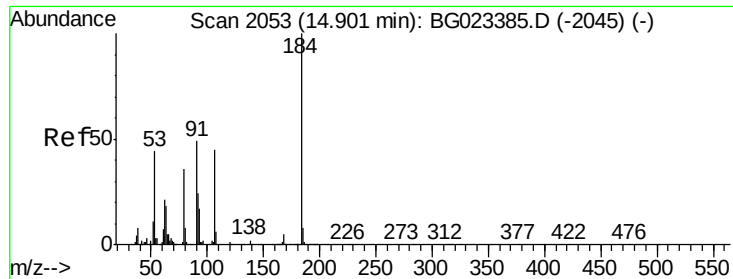
Delta R.T. 0.01 min

Lab File: BG023908.D

Acq: 26 Aug 2016 00:14

Tgt Ion:	138	Resp:	130276
Ion Ratio	Lower	Upper	
138	100		
108	13.6	11.7	17.5
92	126.8	129.7	194.5#





#53
2,4-Dinitrophenol
Concen: 59.25 ng
RT: 14.90 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

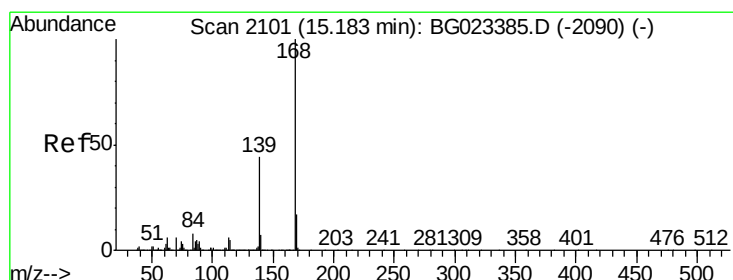
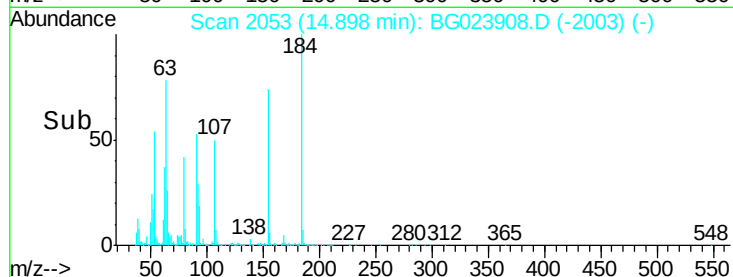
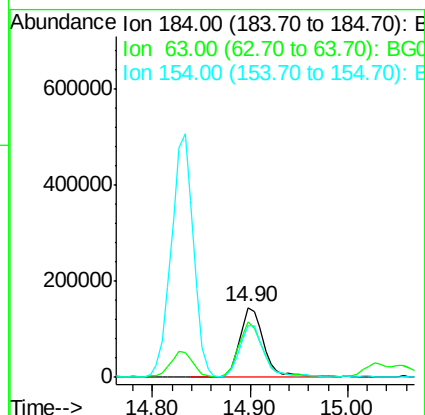
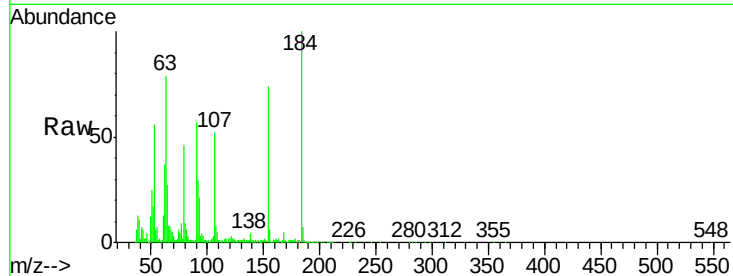
Instrument :
BNA_G
ClientSampleId :
MW-04MSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	252183		
63	79.4	59.6	89.4	
154	73.8	67.4	101.0	

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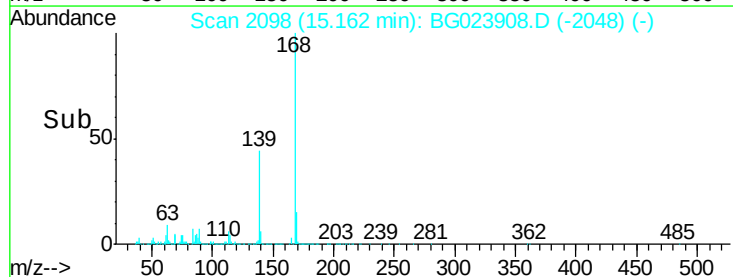
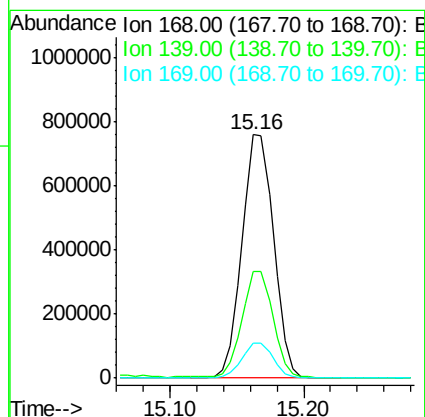
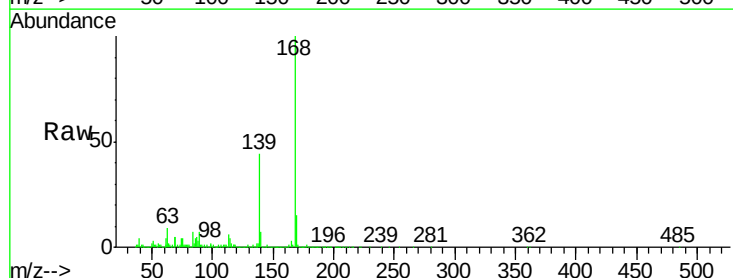
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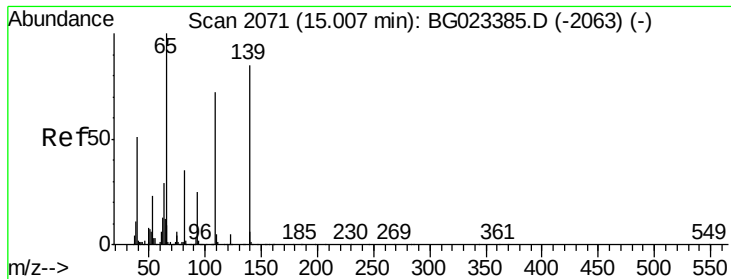
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#54
Dibenzofuran
Concen: 39.46 ng
RT: 15.16 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1239961		
139	43.6	36.4	54.6	
169	14.6	11.9	17.9	





#55

4-Nitrophenol

Concen: 24.27 ng

RT: 15.03 min Scan# 2075

Delta R.T. 0.02 min

Lab File: BG023908.D

Acq: 26 Aug 2016 00:14

Instrument :

BNA_G

ClientSampleId :

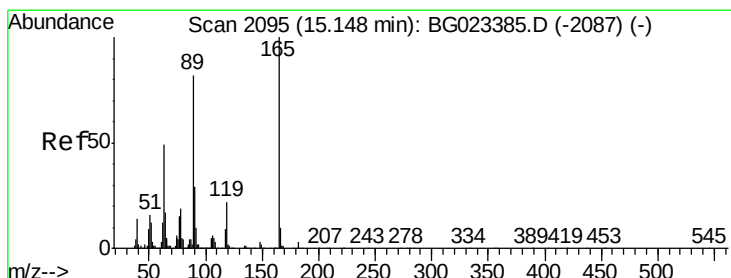
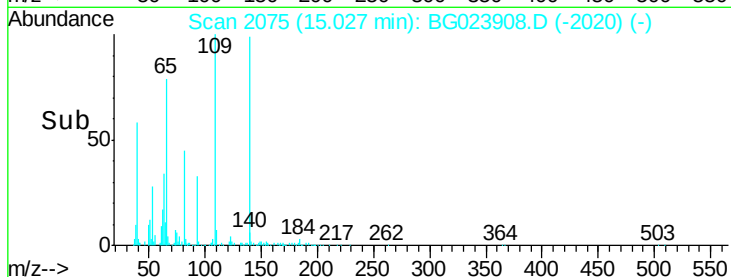
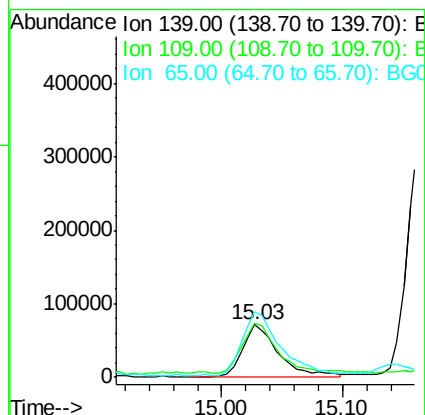
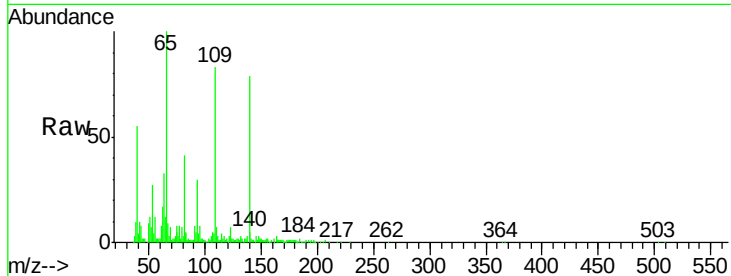
MW-04MSD

Tgt Ion	Ratio	Lower	Upper
139	100		
109	104.5	103.0	143.0
65	125.8	112.7	152.7

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#56

2,4-Dinitrotoluene

Concen: 36.89 ng

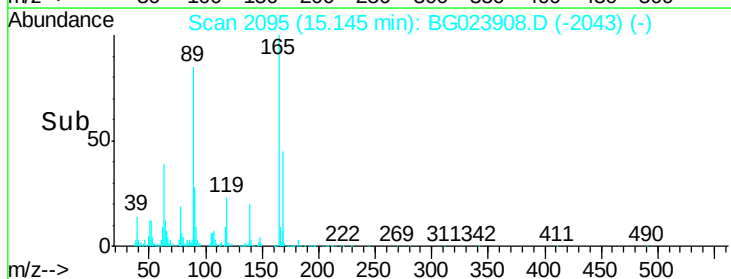
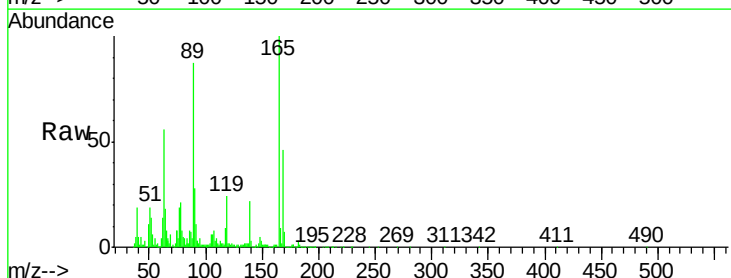
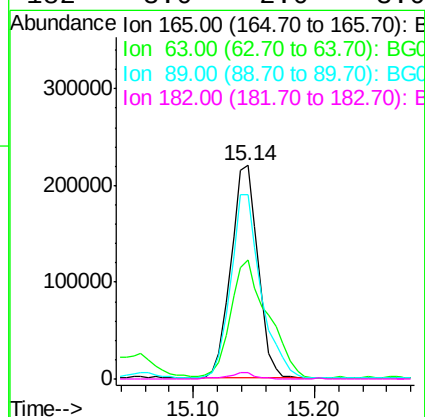
RT: 15.14 min Scan# 2095

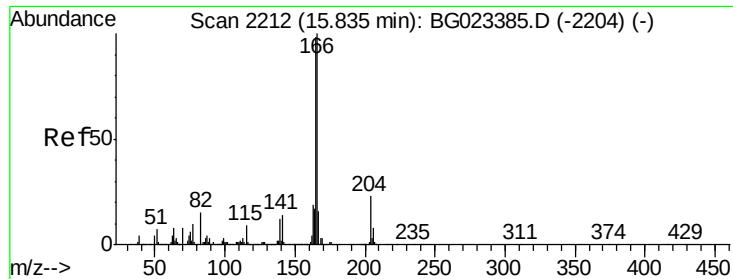
Delta R.T. 0.01 min

Lab File: BG023908.D

Acq: 26 Aug 2016 00:14

Tgt Ion	Ratio	Lower	Upper
165	100		
63	55.9	45.8	68.6
89	86.6	68.6	102.8
182	3.0	2.0	3.0#





#57

Fluorene

Concen: 36.20 ng

RT: 15.82 min Scan# 2210

Delta R.T. 0.00 min

Lab File: BG023908.D

Acq: 26 Aug 2016 00:14

Instrument :

BNA_G

ClientSampleId :

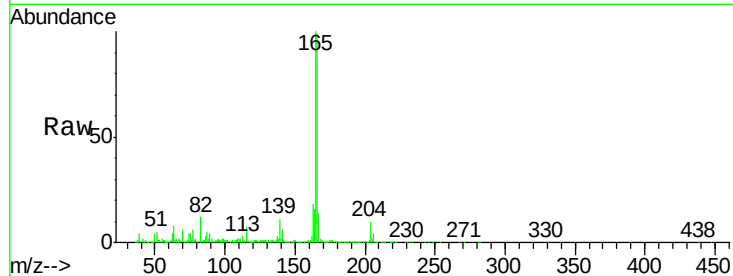
MW-04MSD

Tgt Ion:	166	Resp:	992737
Ion Ratio	Lower	Upper	
166	100		
165	101.3	81.0	121.6
167	14.2	12.0	18.0

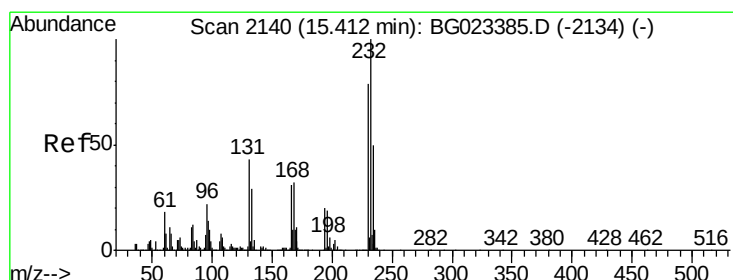
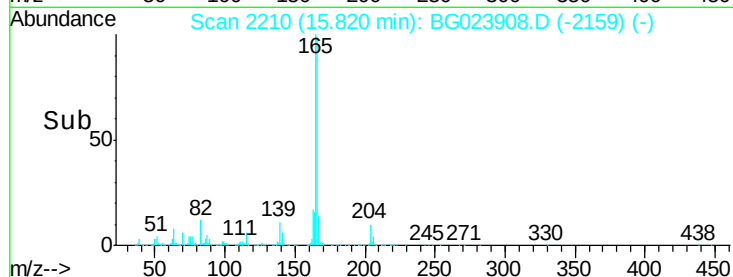
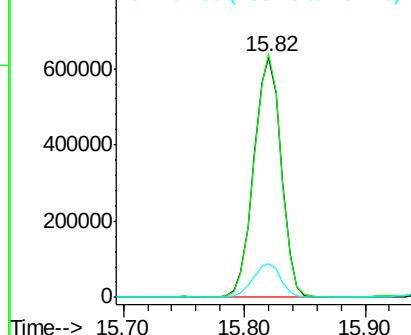
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 35.70 ng m

RT: 15.40 min Scan# 2139

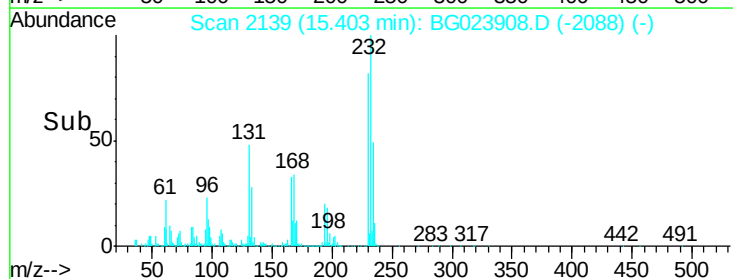
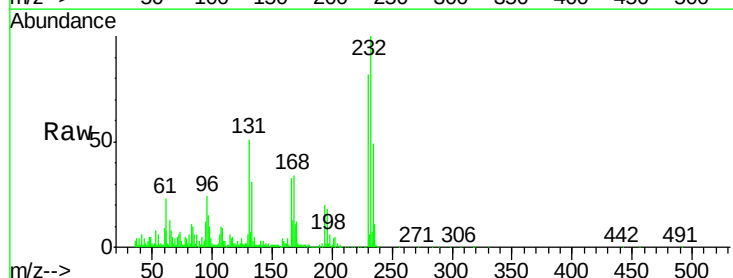
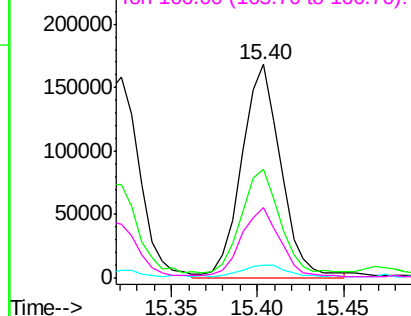
Delta R.T. 0.00 min

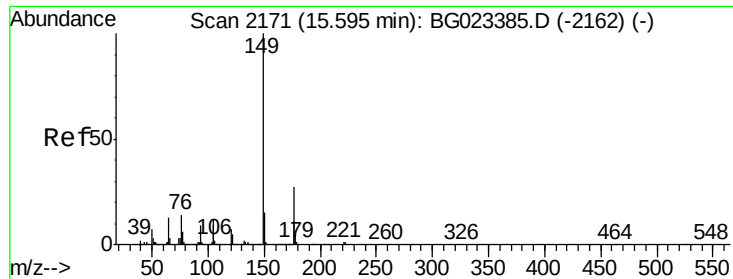
Lab File: BG023908.D

Acq: 26 Aug 2016 00:14

Tgt Ion:	232	Resp:	266233
Ion Ratio	Lower	Upper	
232	100		
131	45.8	32.7	49.1
130	3.2	2.6	3.8
166	26.8	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: 37.73 ng

RT: 15.57 min Scan# 2168

Delta R.T. 0.00 min

Lab File: BG023908.D

Acq: 26 Aug 2016 00:14

Instrument :

BNA_G

ClientSampled :

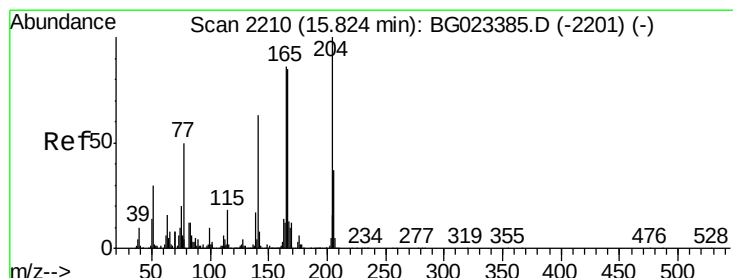
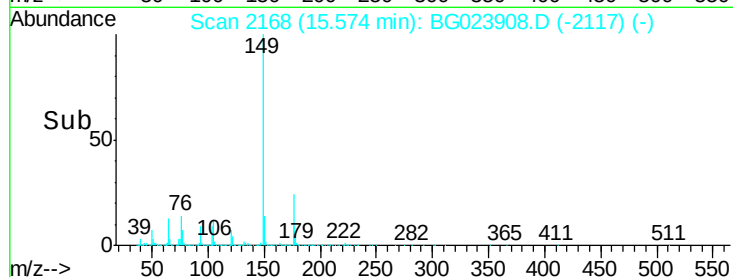
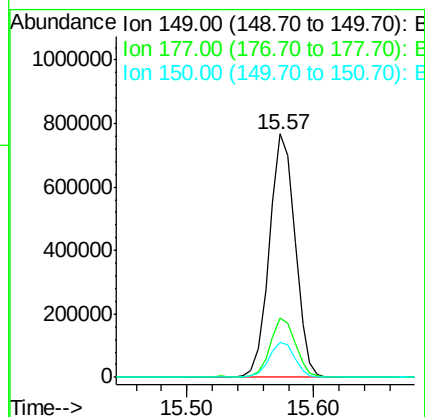
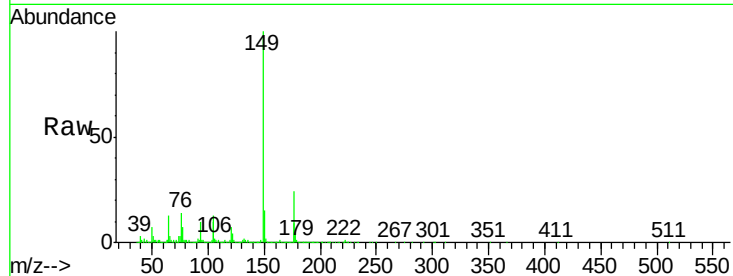
MW-04MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.3	19.2	28.8
150	14.6	10.6	16.0

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#60

4-Chlorophenyl-phenylether

Concen: 34.54 ng

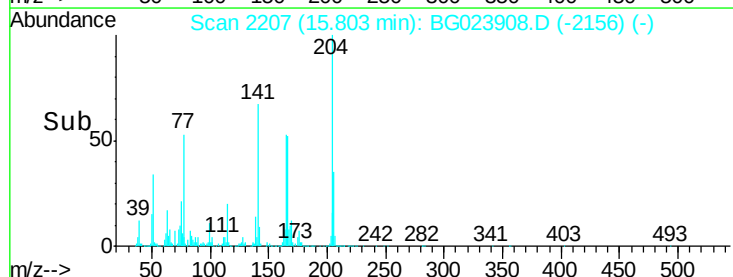
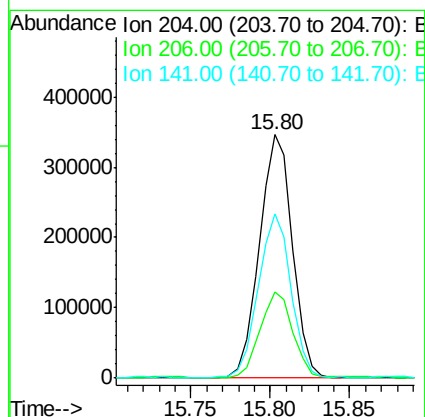
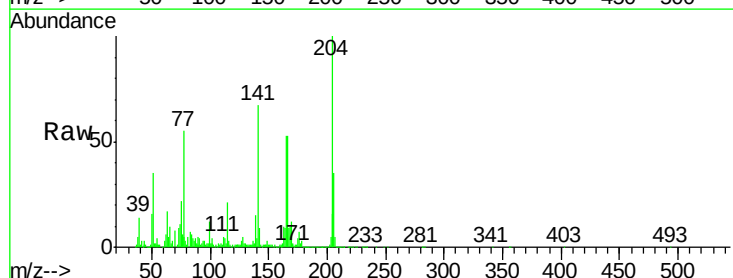
RT: 15.80 min Scan# 2207

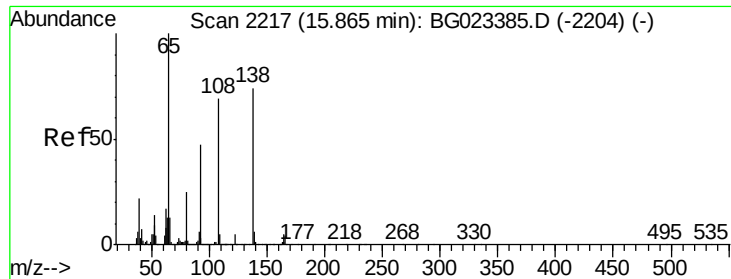
Delta R.T. 0.00 min

Lab File: BG023908.D

Acq: 26 Aug 2016 00:14

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.3	28.5	42.7
141	67.5	51.4	77.0





#61
4-Nitroaniline
Concen: 23.84 ng
RT: 15.86 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

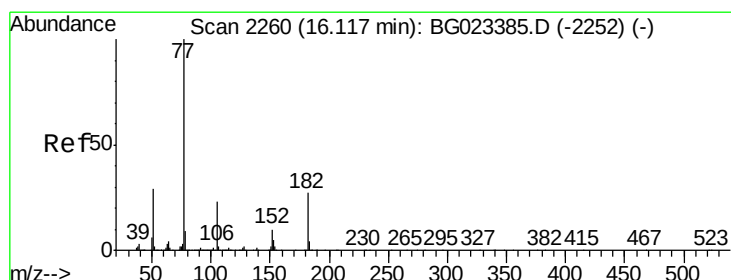
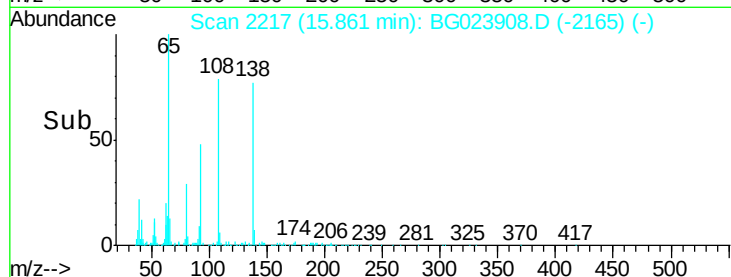
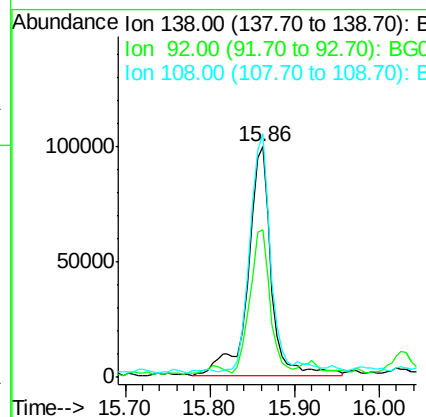
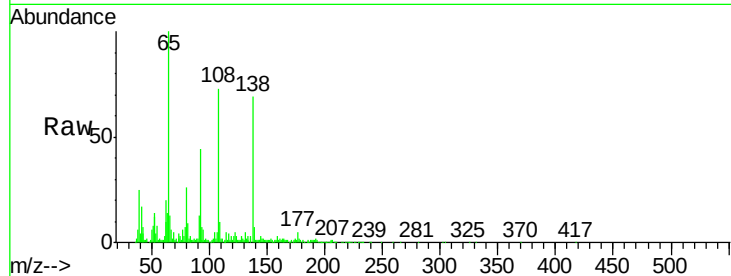
Instrument :
BNA_G
ClientSampled :
MW-04MSD

Tgt Ion	Ratio	Lower	Upper
138	100		
92	63.9	54.1	94.1
108	105.6	133.9	173.9#

Manual Integrations
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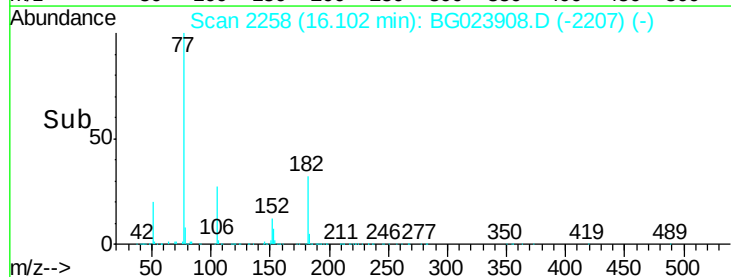
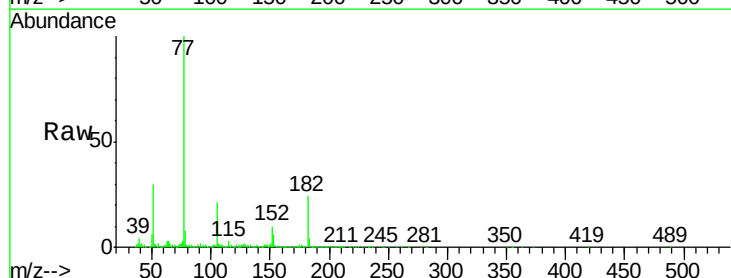
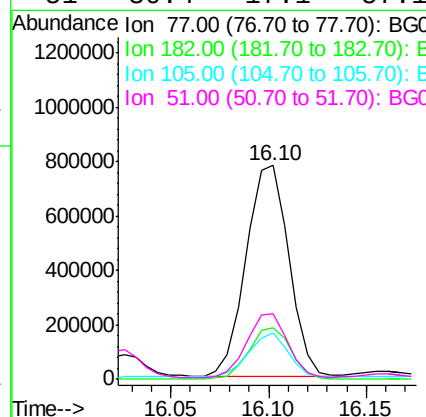
sohil

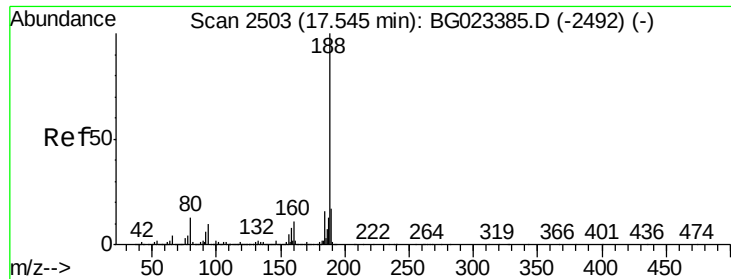
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#62
Azobenzene
Concen: 41.02 ng
RT: 16.10 min Scan# 2258
Delta R.T. 0.00 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.3	3.5	43.5
105	21.4	0.0	38.5
51	30.4	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: BG023908.D
 Acq: 26 Aug 2016 00:14

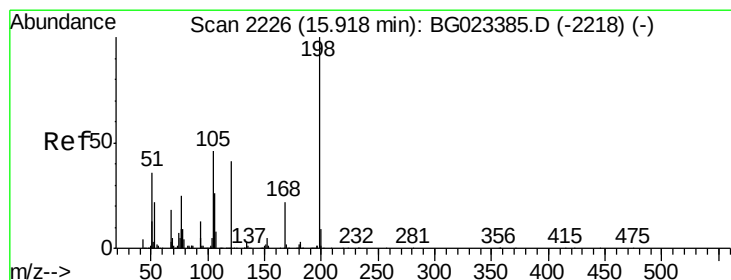
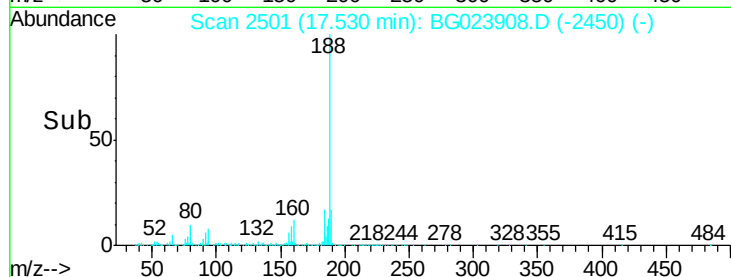
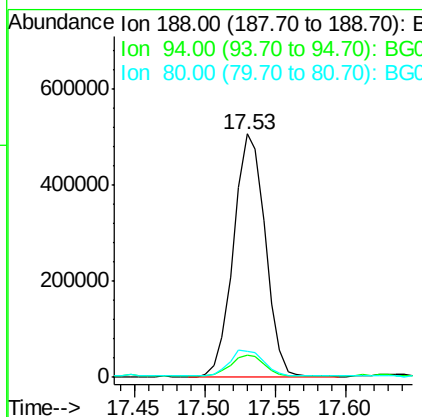
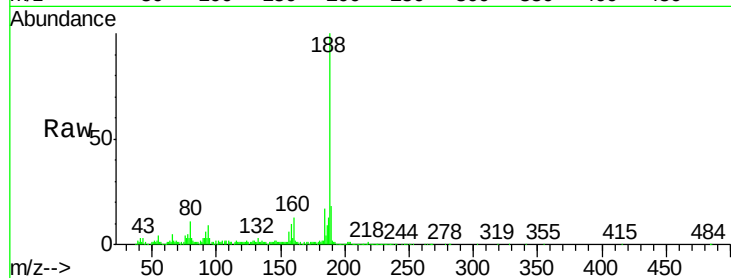
Instrument :
 BNA_G
 ClientSampled :
 MW-04MSD

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	790939		
94	9.0		5.2	7.8#
80	10.9		7.2	10.8#

Manual Integrations
 APPROVED

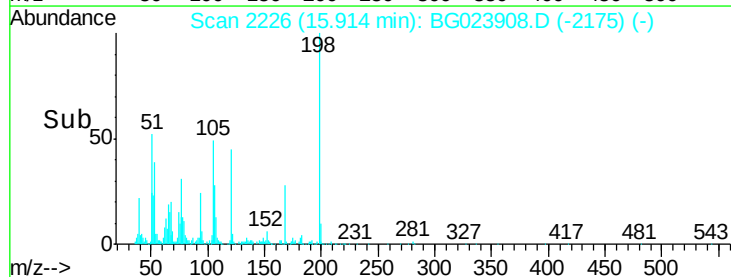
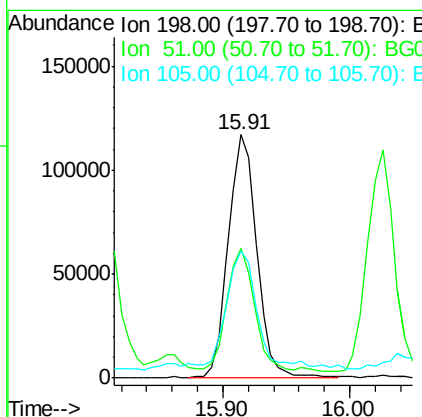
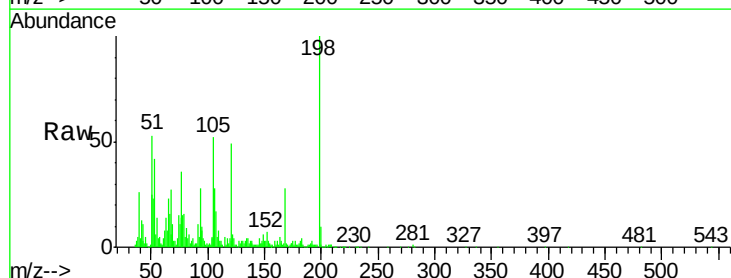
sohil

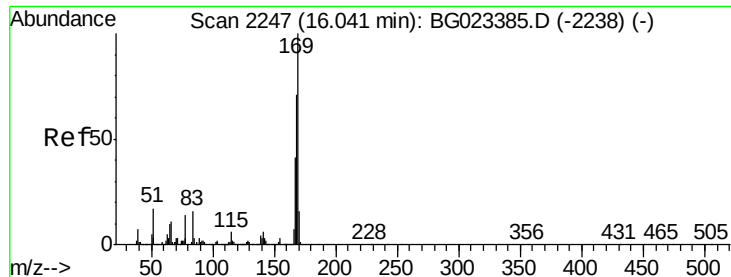
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 33.95 ng
 RT: 15.91 min Scan# 2226
 Delta R.T. 0.00 min
 Lab File: BG023908.D
 Acq: 26 Aug 2016 00:14

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	182594		
51	53.5		26.0	66.0
105	52.1		20.1	60.1





#65

n-Nitrosodiphenylamine

Concen: 38.93 ng

RT: 16.03 min Scan# 2245

Delta R.T. 0.00 min

Lab File: BG023908.D

Acq: 26 Aug 2016 00:14

Instrument :

BNA_G

ClientSampleId :

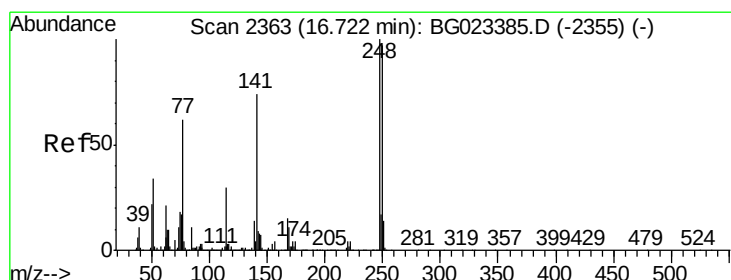
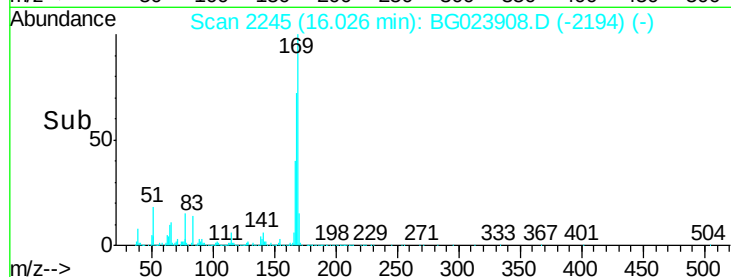
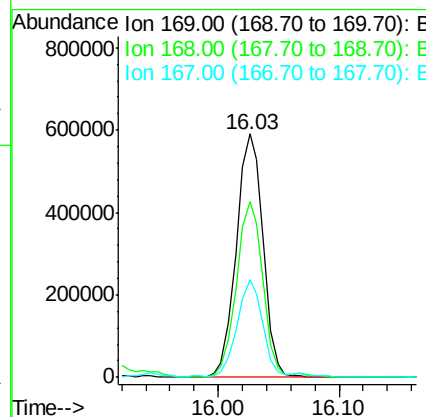
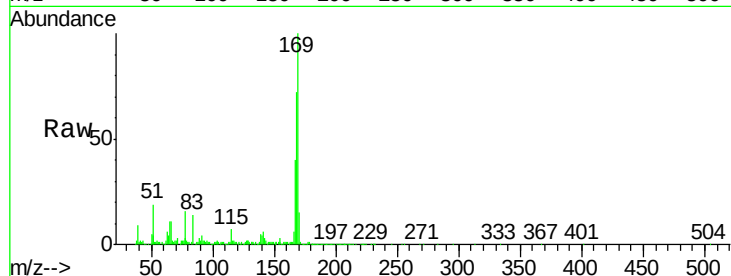
MW-04MSD

Tgt Ion:	169	Resp:	903204
Ion Ratio	Lower	Upper	
169	100		
168	72.4	55.0	82.4
167	40.3	27.4	41.0

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 36.81 ng

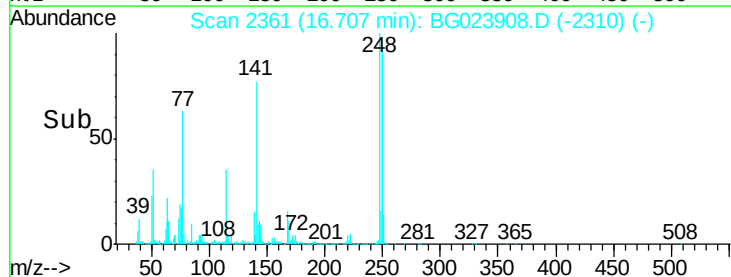
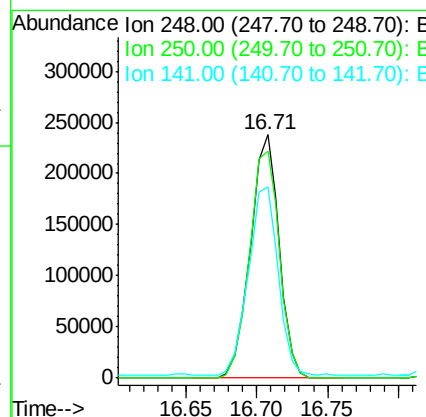
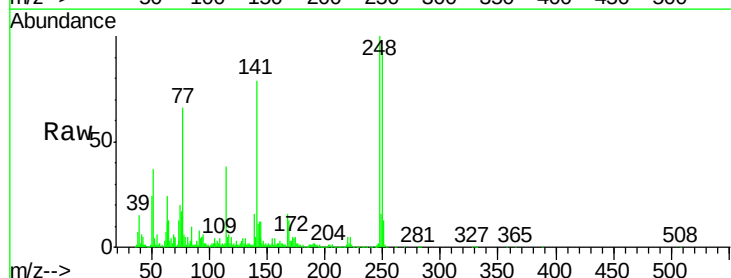
RT: 16.71 min Scan# 2361

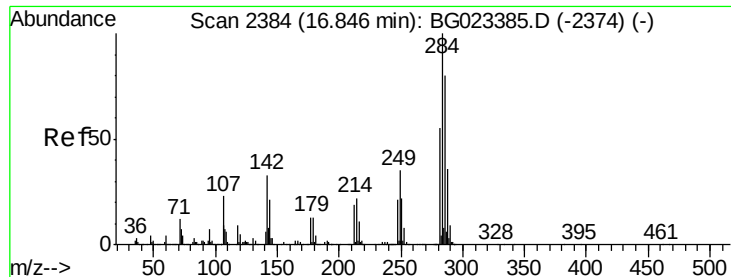
Delta R.T. 0.00 min

Lab File: BG023908.D

Acq: 26 Aug 2016 00:14

Tgt Ion:	248	Resp:	339311
Ion Ratio	Lower	Upper	
248	100		
250	93.5	77.8	116.8
141	78.6	65.7	98.5





#67
Hexachlorobenzene
Concen: 34.88 ng
RT: 16.83 min Scan# 2382
Delta R.T. 0.00 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

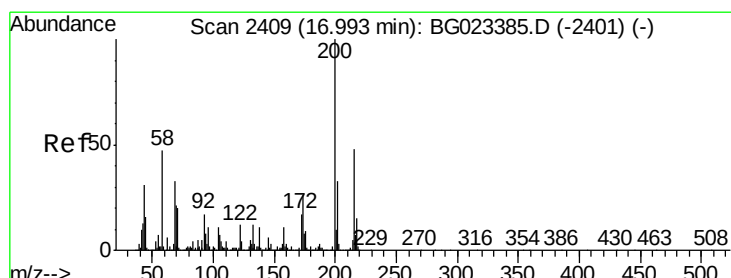
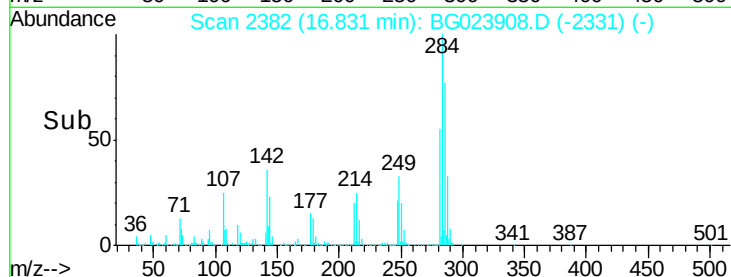
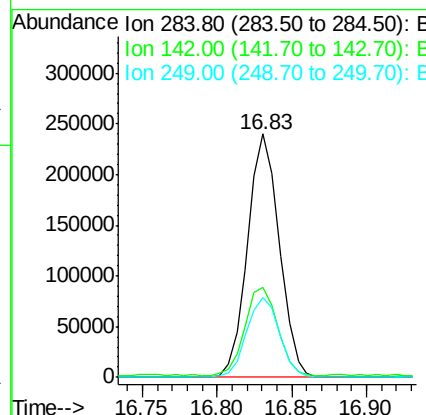
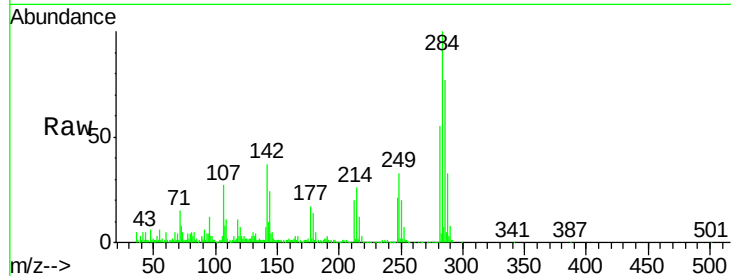
Instrument :
BNA_G
ClientSampleId :
MW-04MSD

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	351823		
142	37.1	26.8	40.2	
249	32.7	28.9	43.3	

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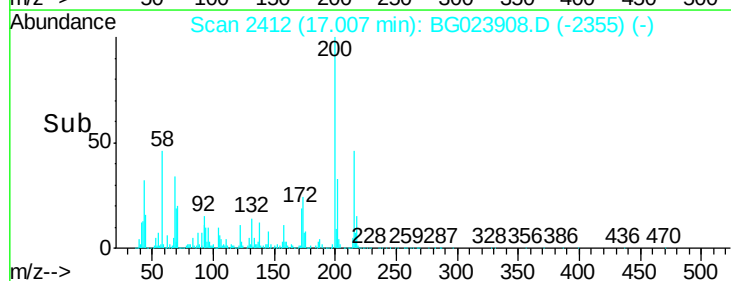
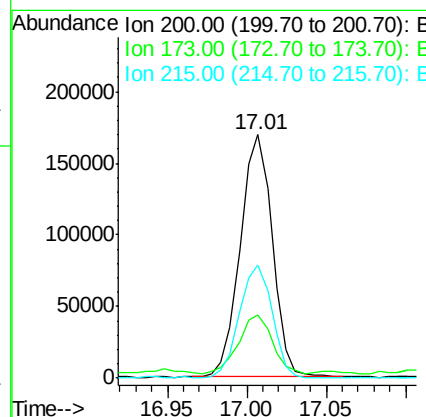
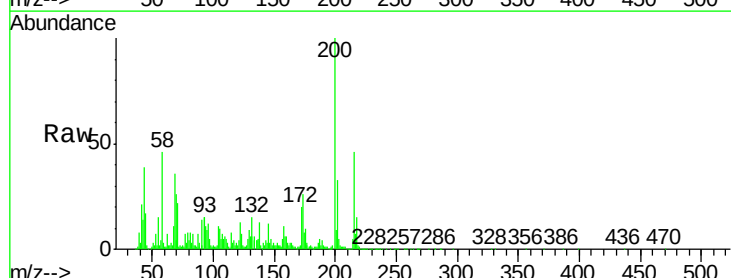
sohil

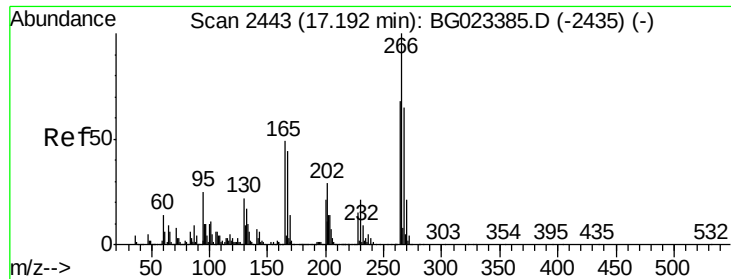
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#68
Atrazine
Concen: 26.70 ng
RT: 17.01 min Scan# 2412
Delta R.T. 0.04 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	237829		
173	25.8	1.6	41.6	
215	46.4	28.7	68.7	





#69
 Pentachlorophenol
 Concen: 65.63 ng
 RT: 17.19 min Scan# 2443
 Delta R.T. 0.01 min
 Lab File: BG023908.D
 Acq: 26 Aug 2016 00:14

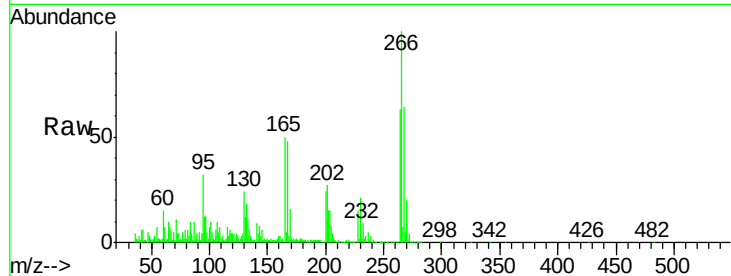
Instrument :
 BNA_G
 ClientSampleId :
 MW-04MSD

Tgt Ion:	266	Resp:	385910
Ion Ratio	Lower	Upper	
266	100		
268	64.3	51.9	77.9
264	63.3	50.6	75.8

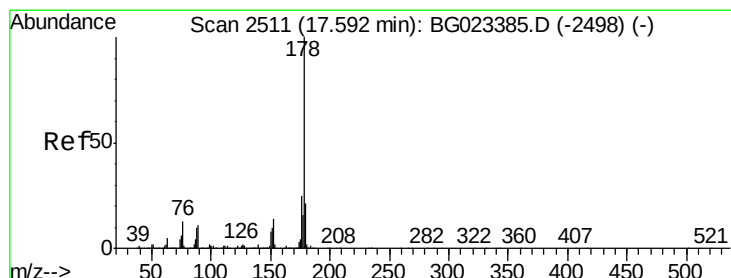
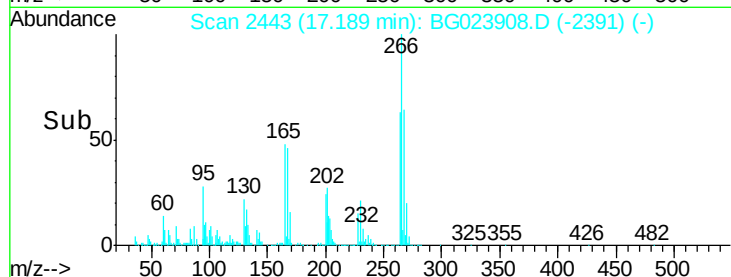
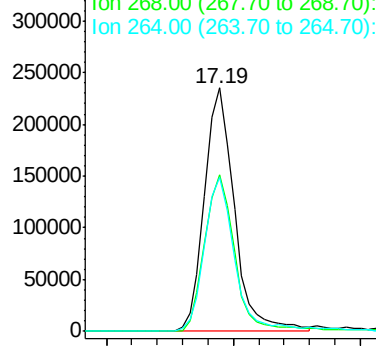
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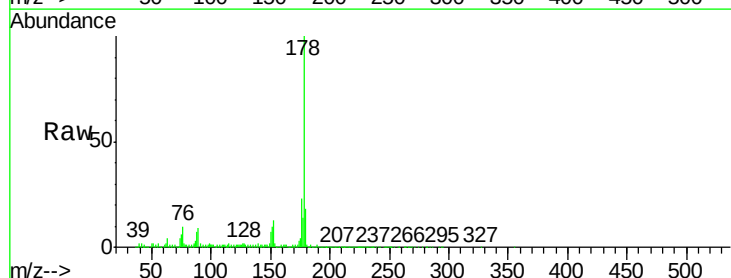


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

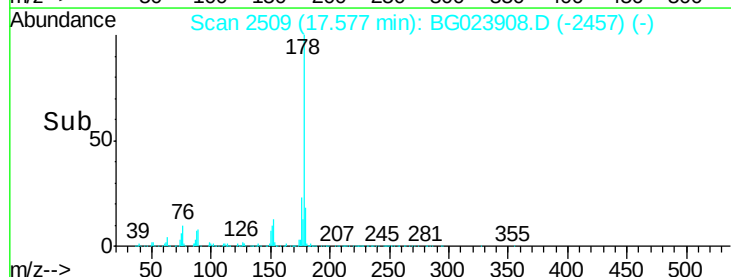
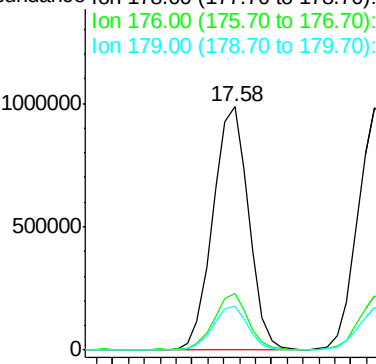


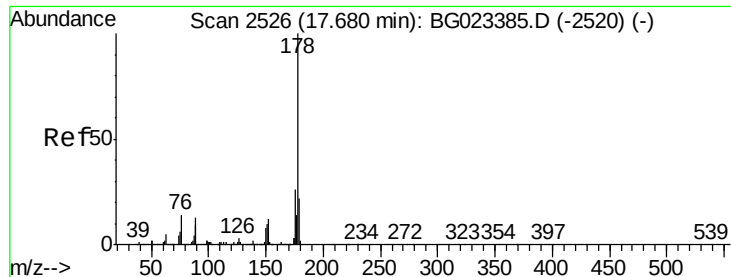
#70
 Phenanthrene
 Concen: 38.06 ng
 RT: 17.58 min Scan# 2509
 Delta R.T. 0.01 min
 Lab File: BG023908.D
 Acq: 26 Aug 2016 00:14

Tgt Ion:	178	Resp:	1527449
Ion Ratio	Lower	Upper	
178	100		
176	23.3	16.8	25.2
179	18.0	14.3	21.5



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





#71

Anthracene

Concen: 38.90 ng

RT: 17.66 min Scan# 2524

Delta R.T. 0.00 min

Lab File: BG023908.D

Acq: 26 Aug 2016 00:14

Instrument :

BNA_G

ClientSampleId :

MW-04MSD

Tgt Ion:178 Resp: 1570428

Ion Ratio Lower Upper

178 100

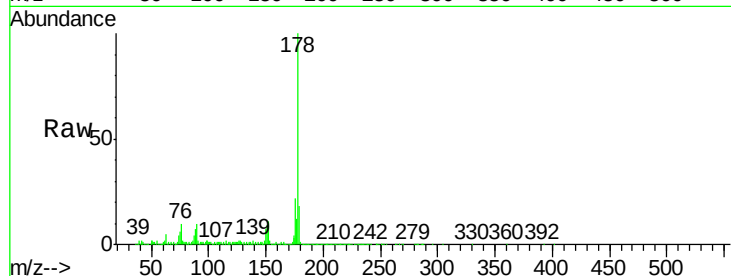
176 22.4 17.3 25.9

179 17.5 14.0 21.0

Manual Integrations
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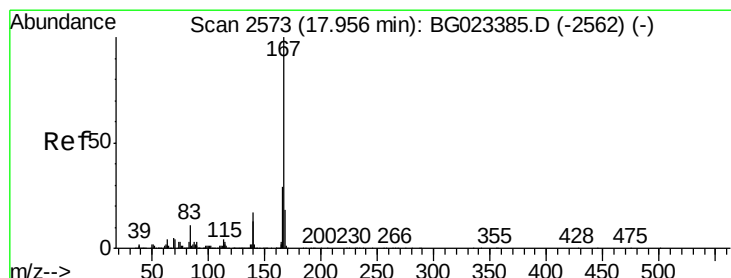
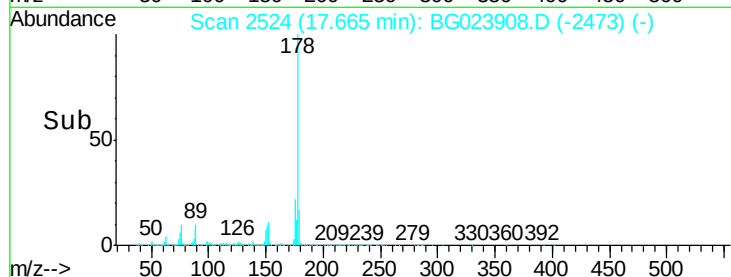
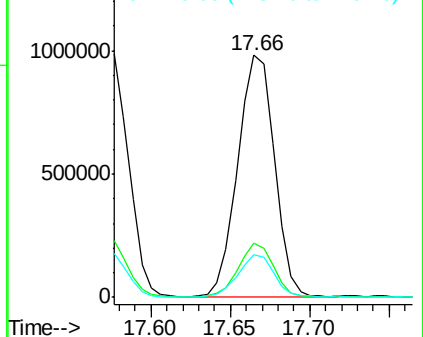
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 39.98 ng

RT: 17.95 min Scan# 2572

Delta R.T. 0.01 min

Lab File: BG023908.D

Acq: 26 Aug 2016 00:14

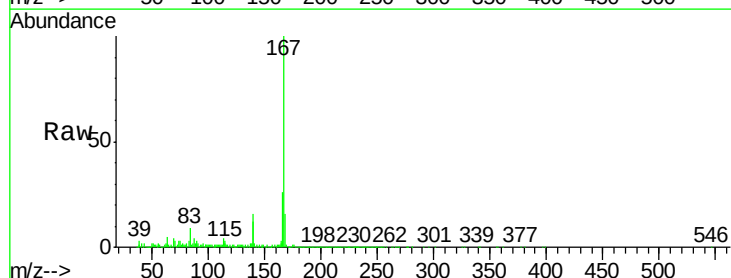
Tgt Ion:167 Resp: 1417197

Ion Ratio Lower Upper

167 100

166 26.0 20.7 31.1

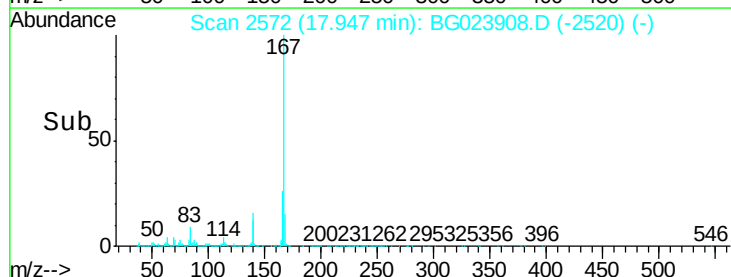
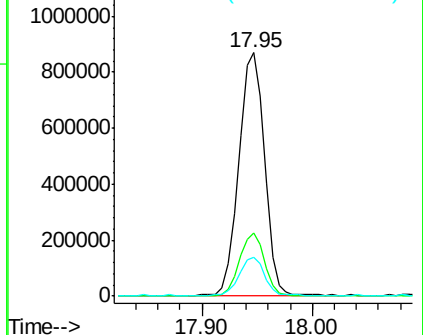
139 16.2 11.9 17.9

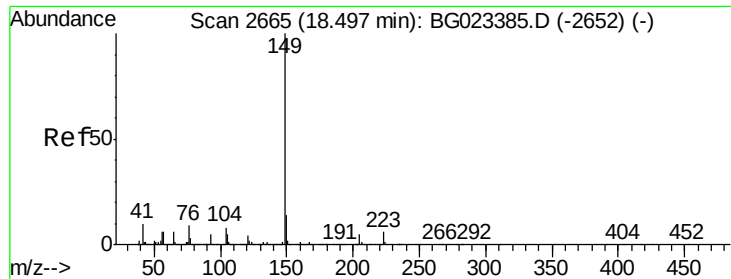


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73
Di-n-butylphthalate
Concen: 46.82 ng
RT: 18.48 min Scan# 2663
Delta R.T. 0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

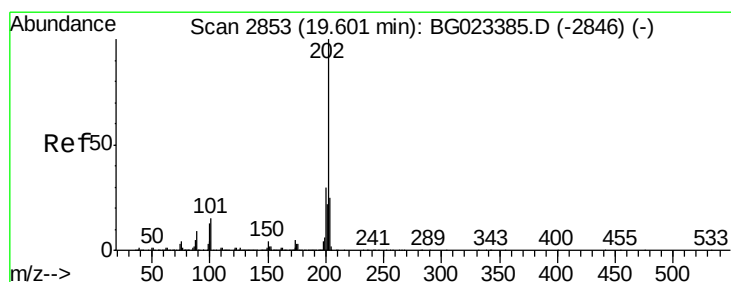
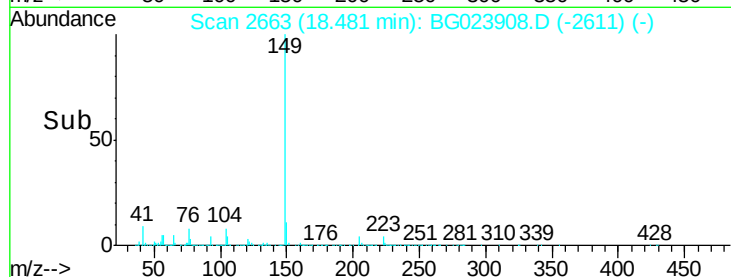
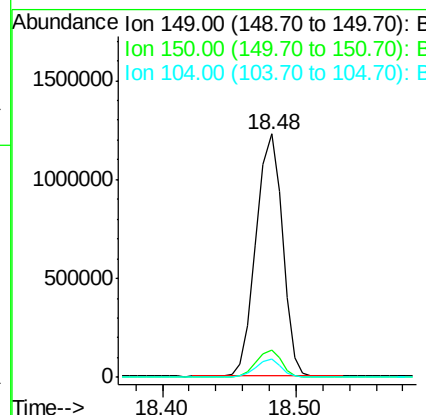
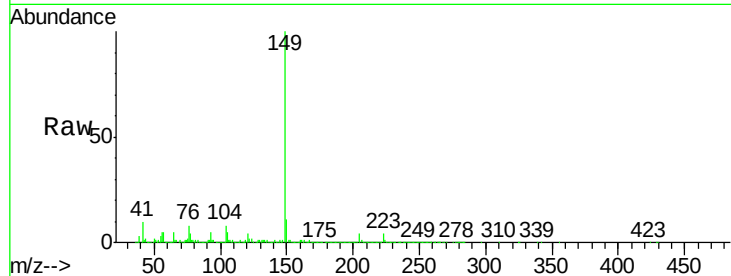
Instrument :
BNA_G
ClientSampleId :
MW-04MSD

Tgt Ion:149 Resp: 1671705
Ion Ratio Lower Upper
149 100
150 11.5 9.1 13.7
104 7.7 6.9 10.3

Manual Integrations
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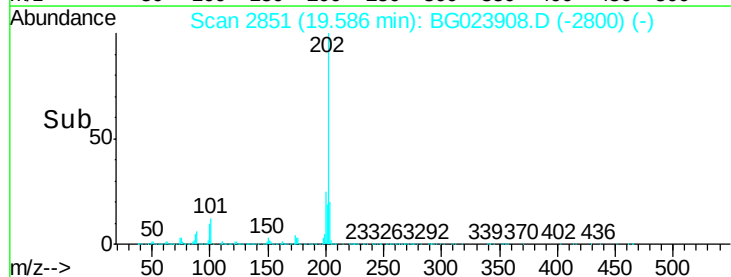
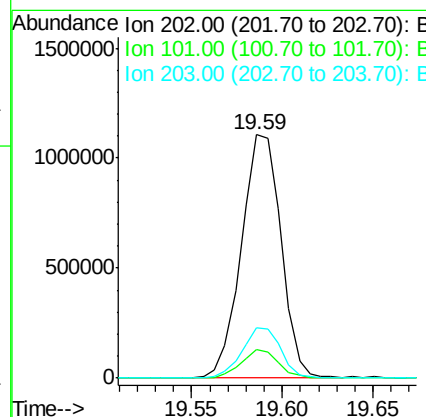
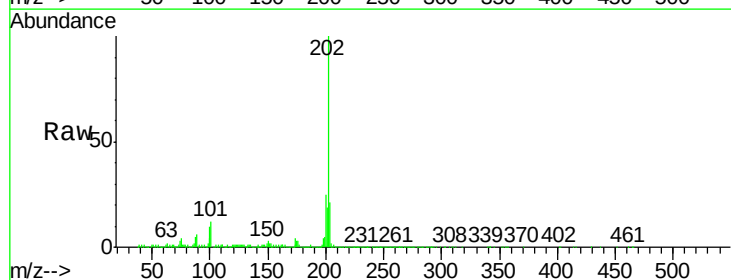
sohil

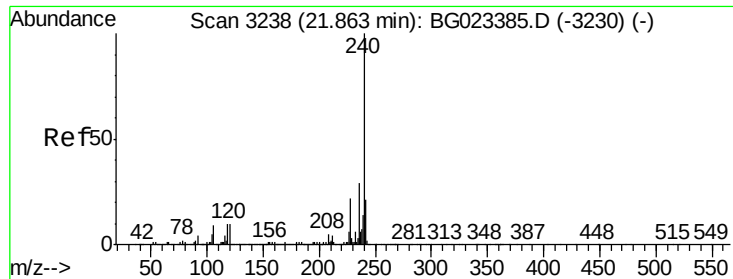
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#74
Fluoranthene
Concen: 44.23 ng
RT: 19.59 min Scan# 2851
Delta R.T. 0.00 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

Tgt Ion:202 Resp: 1674683
Ion Ratio Lower Upper
202 100
101 11.8 0.0 27.4
203 20.5 1.7 41.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3236

Delta R.T. 0.00 min

Lab File: BG023908.D

Acq: 26 Aug 2016 00:14

Instrument :

BNA_G

ClientSampleId :

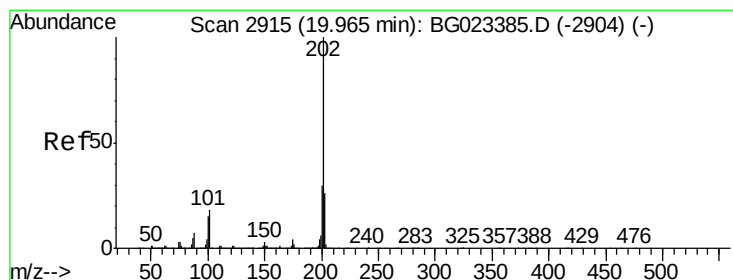
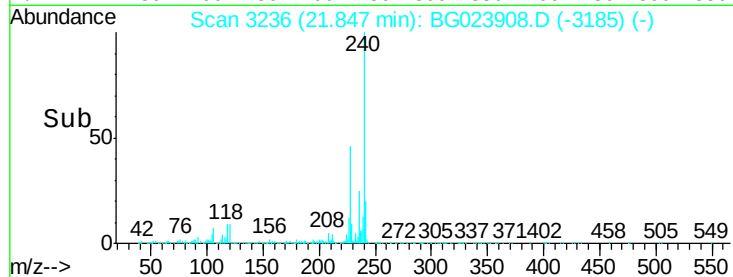
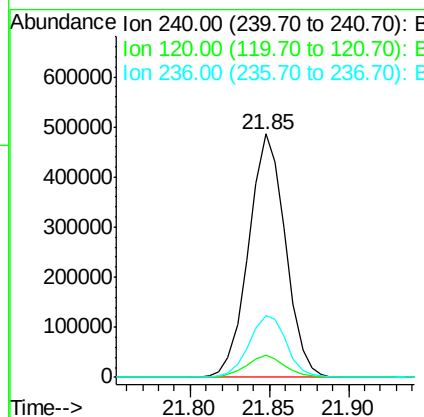
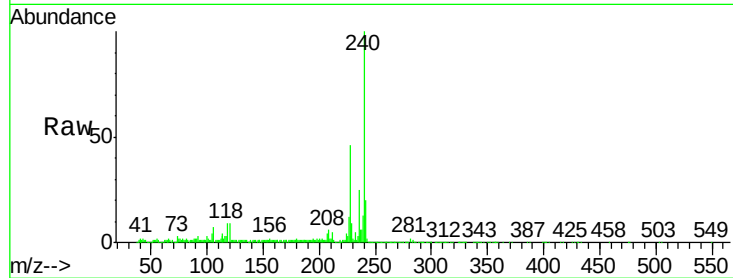
MW-04MSD

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.3	4.1	6.1#
236	25.2	21.1	31.7

Manual Integrations
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#77

Pyrene

Concen: 36.60 ng

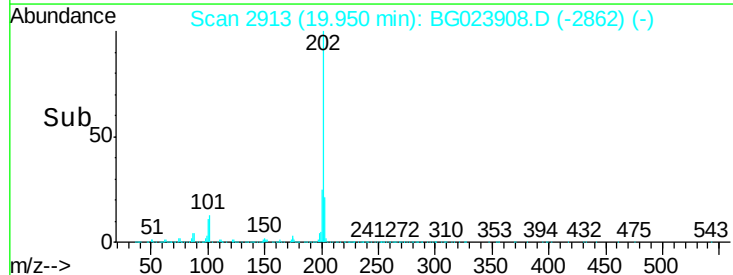
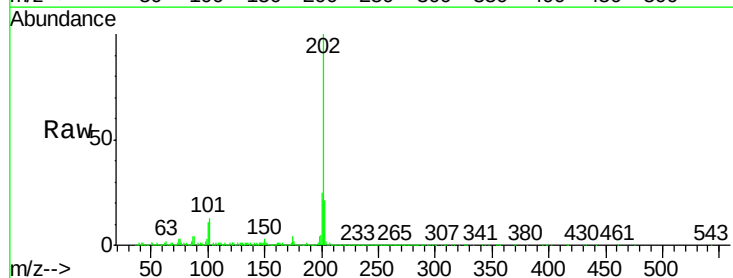
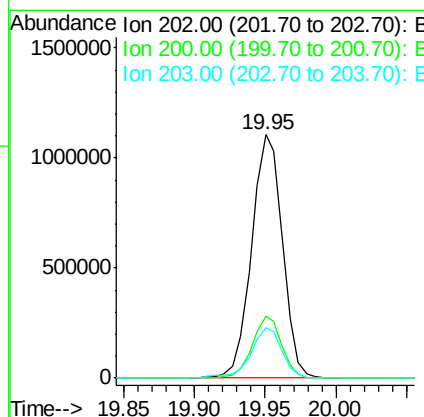
RT: 19.95 min Scan# 2913

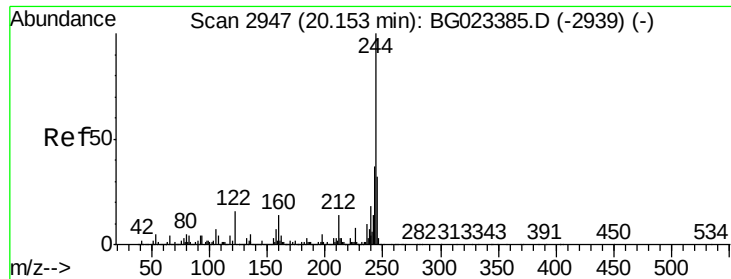
Delta R.T. 0.00 min

Lab File: BG023908.D

Acq: 26 Aug 2016 00:14

Tgt Ion	Ratio	Lower	Upper
202	100		
200	25.4	21.2	31.8
203	20.8	16.8	25.2





#78

Terphenyl-d14

Concen: 70.98 ng

RT: 20.14 min Scan# 2945

Delta R.T. 0.00 min

Lab File: BG023908.D

Acq: 26 Aug 2016 00:14

Instrument :

BNA_G

ClientSampleId :

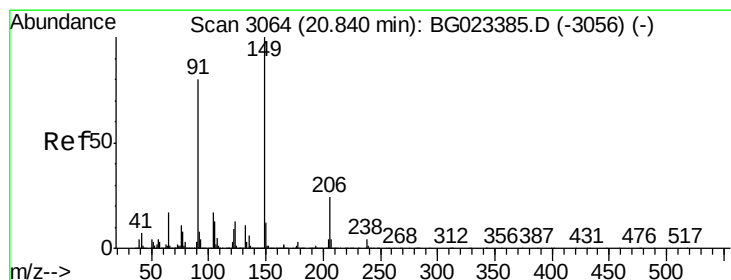
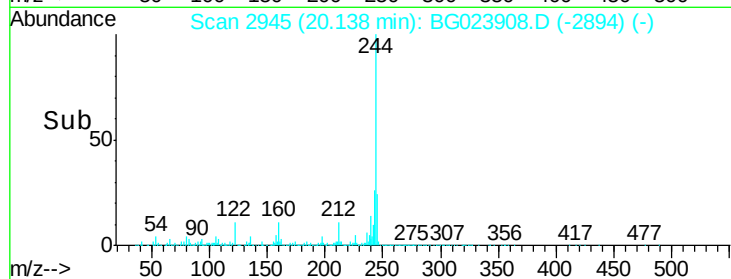
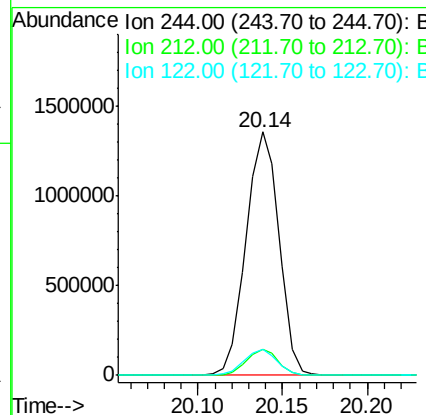
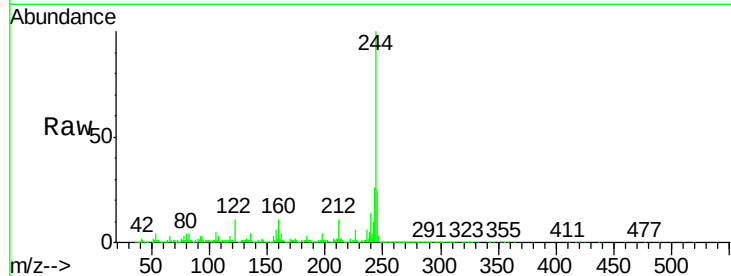
MW-04MSD

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.7	10.8	16.2#
122	10.9	8.0	12.0

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#79

Butylbenzylphthalate

Concen: 42.07 ng

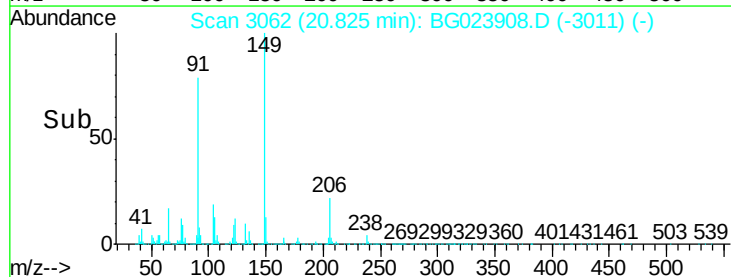
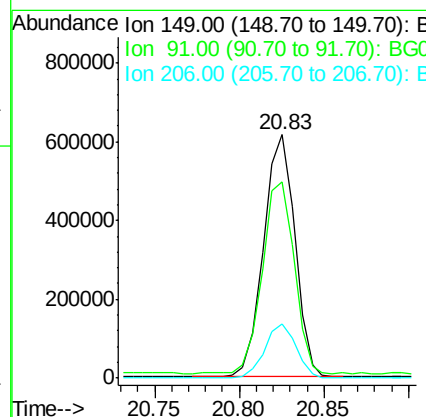
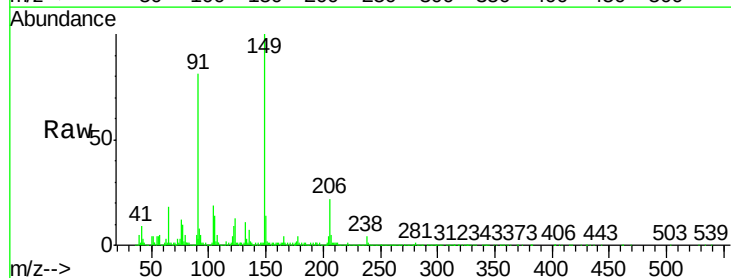
RT: 20.83 min Scan# 3062

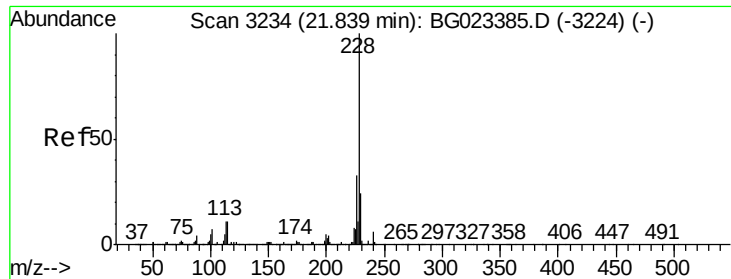
Delta R.T. 0.00 min

Lab File: BG023908.D

Acq: 26 Aug 2016 00:14

Tgt Ion	Ratio	Lower	Upper
149	100		
91	80.6	68.1	102.1
206	22.4	19.8	29.6





#80
Benzo(a)anthracene
Concen: 38.55 ng
RT: 21.83 min Scan# 3233
Delta R.T. 0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

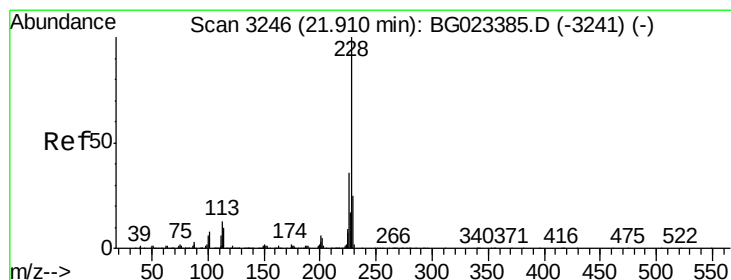
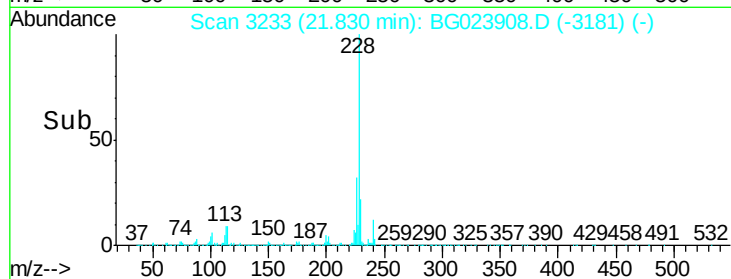
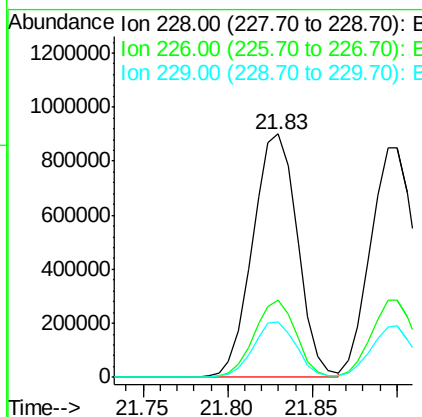
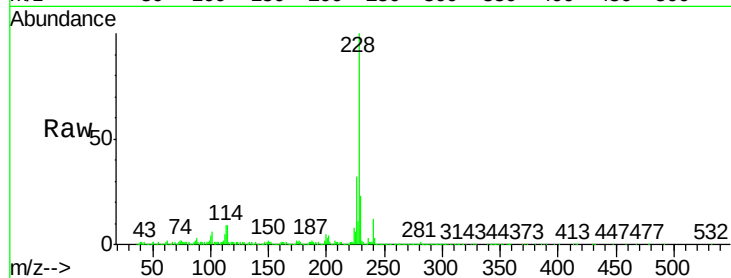
Instrument :
BNA_G
ClientSampleId :
MW-04MSD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.3	37.9
229	22.5	19.9	29.9

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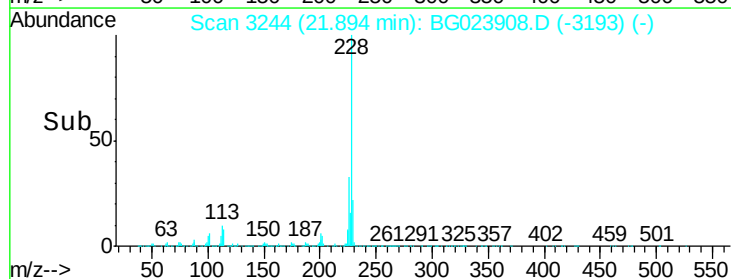
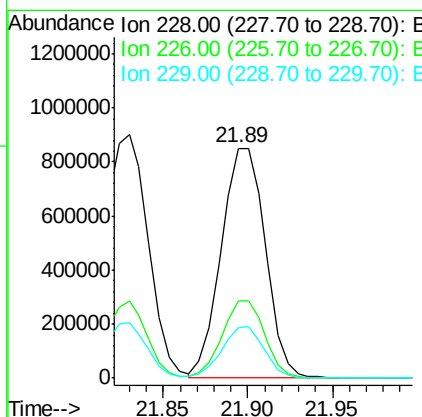
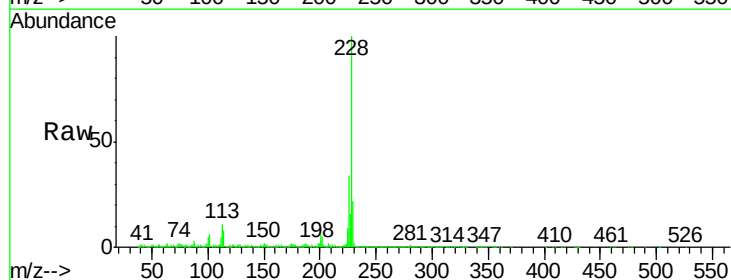
sohil

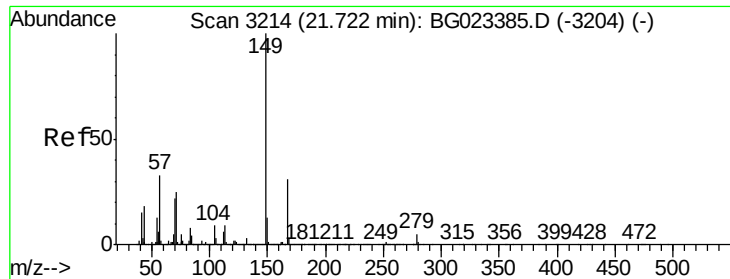
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#82
Chrysene
Concen: 37.72 ng
RT: 21.89 min Scan# 3244
Delta R.T. 0.00 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.6	26.7	40.1
229	22.0	17.4	26.2





#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.43 ng
 RT: 21.70 min Scan# 3211
 Delta R.T. 0.00 min
 Lab File: BG023908.D
 Acq: 26 Aug 2016 00:14

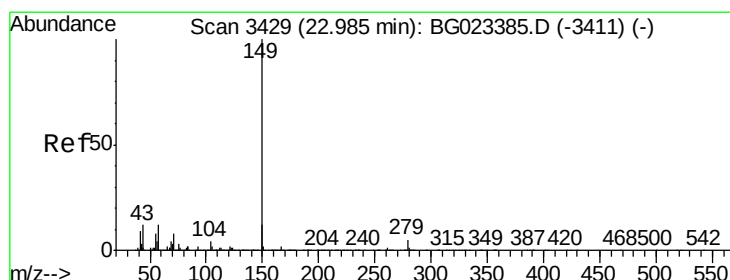
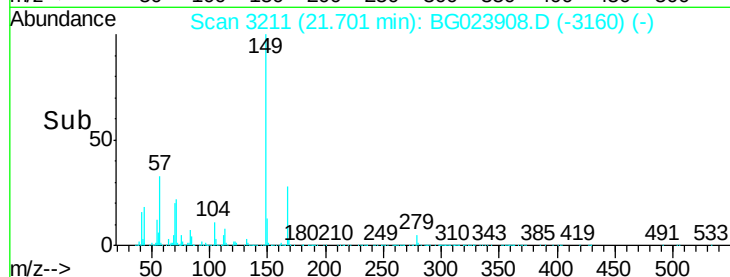
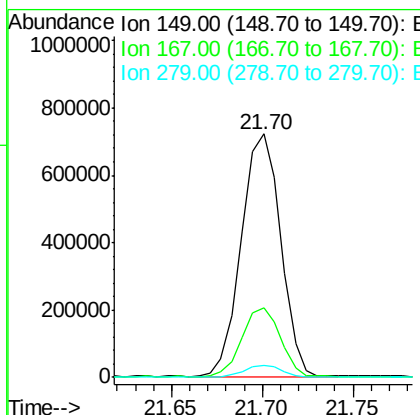
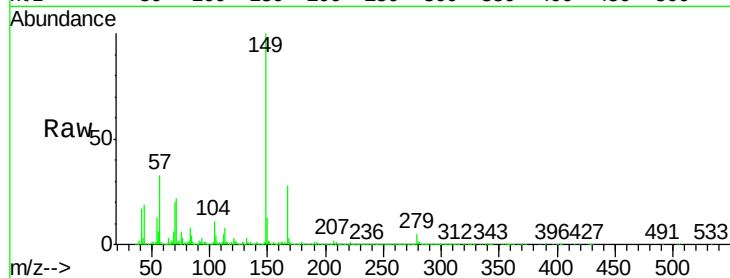
Instrument :
 BNA_G
 ClientSampleId :
 MW-04MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.4	24.0	36.0
279	5.0	4.8	7.2

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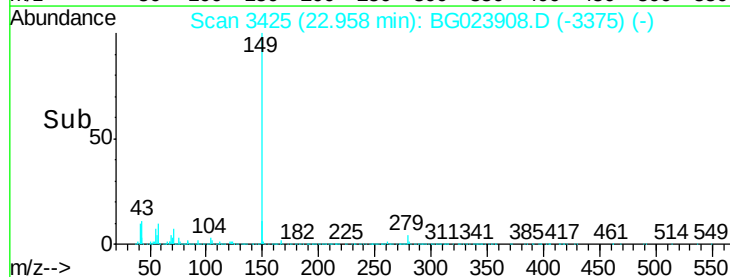
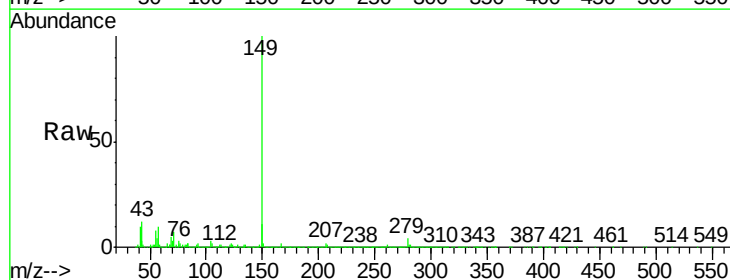
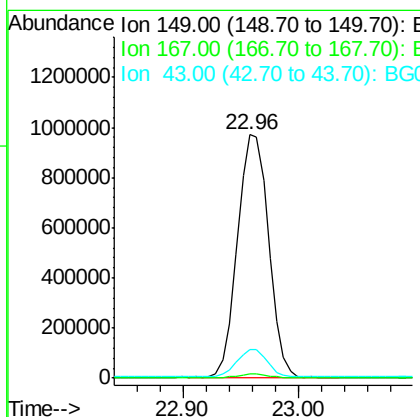
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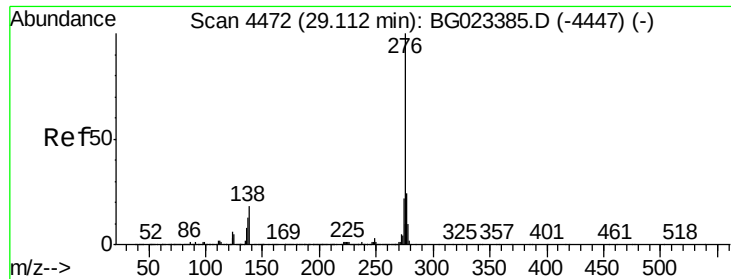
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#84
 Di-n-octyl phthalate
 Concen: 41.44 ng
 RT: 22.96 min Scan# 3425
 Delta R.T. -0.01 min
 Lab File: BG023908.D
 Acq: 26 Aug 2016 00:14

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.5	2.3
43	11.0	8.8	13.2





#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.16 ng
 RT: 29.12 min Scan# 4474
 Delta R.T. 0.01 min
 Lab File: BG023908.D
 Acq: 26 Aug 2016 00:14

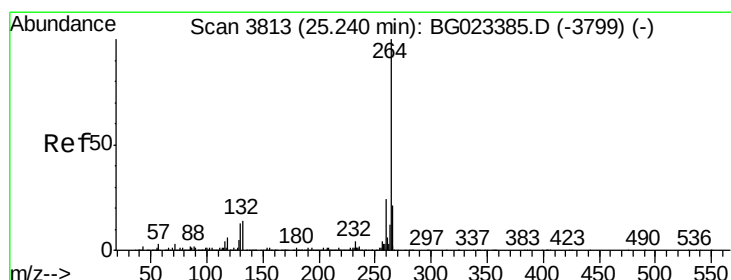
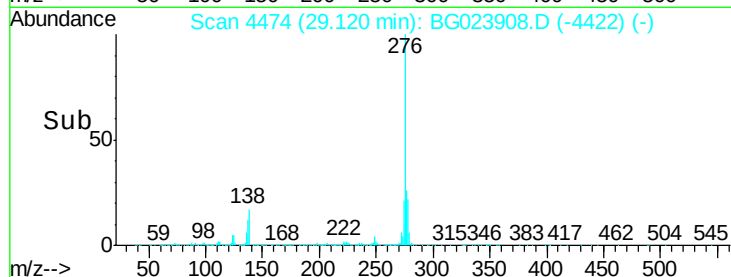
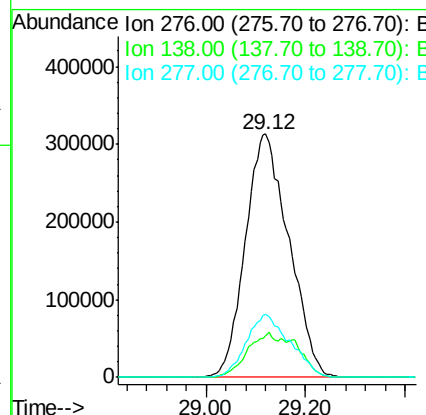
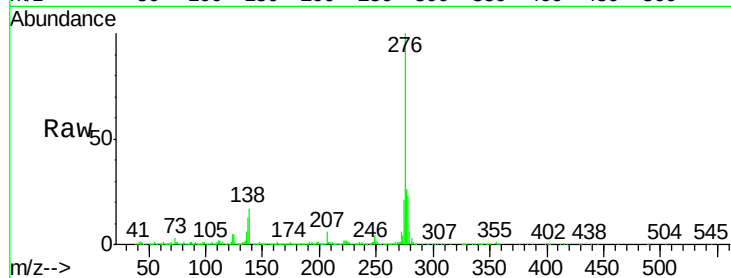
Instrument :
 BNA_G
 ClientSampleId :
 MW-04MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.2	0.0	0.0#
277	26.0	0.0	0.0#

Manual Integrations
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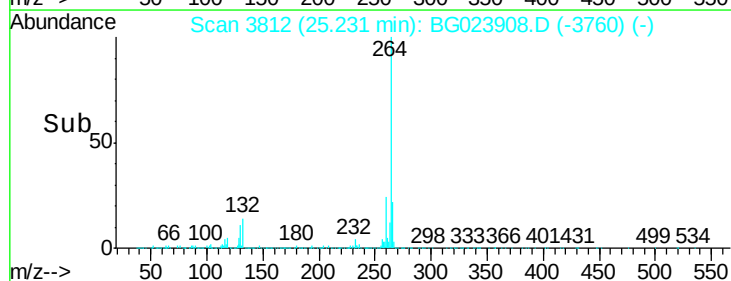
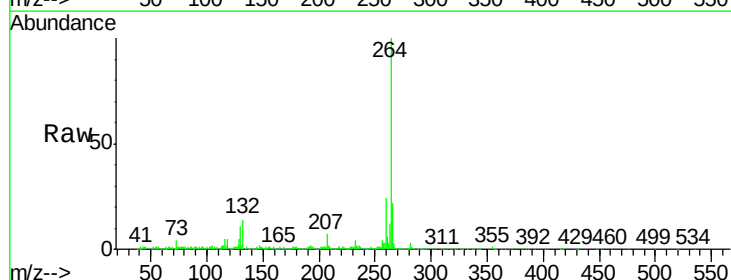
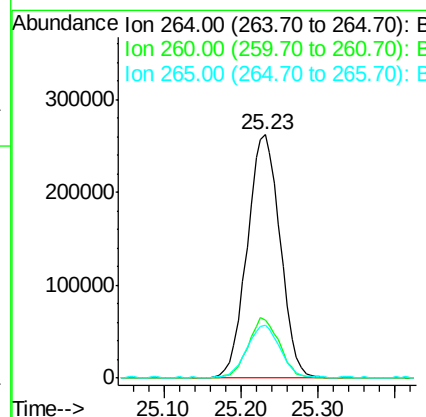
sohil

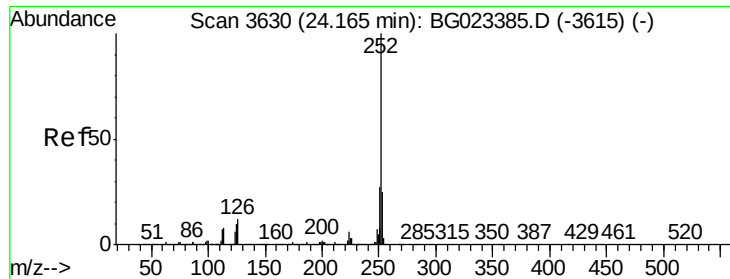
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.23 min Scan# 3812
 Delta R.T. 0.01 min
 Lab File: BG023908.D
 Acq: 26 Aug 2016 00:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.4	27.6
265	21.9	18.9	28.3





#87

Benzo(b)fluoranthene

Concen: 37.02 ng

RT: 24.16 min Scan# 3629

Delta R.T. 0.01 min

Lab File: BG023908.D

Acq: 26 Aug 2016 00:14

Instrument :

BNA_G

ClientSampleId :

MW-04MSD

Tgt Ion:252 Resp: 1635197

Ion Ratio Lower Upper

252 100

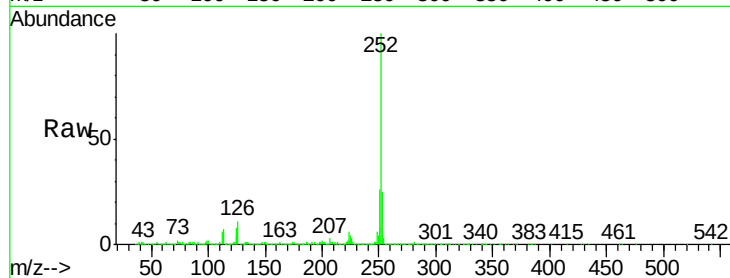
253 25.2 18.9 28.3

125 7.6 3.9 5.9#

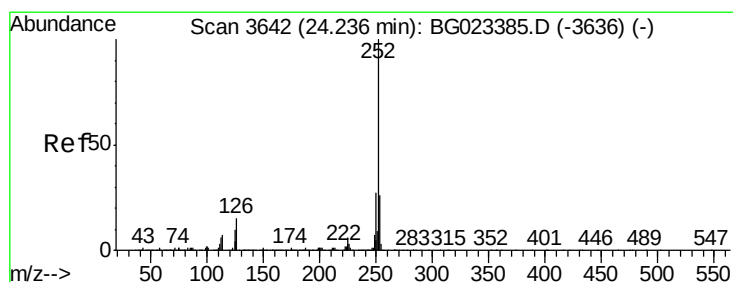
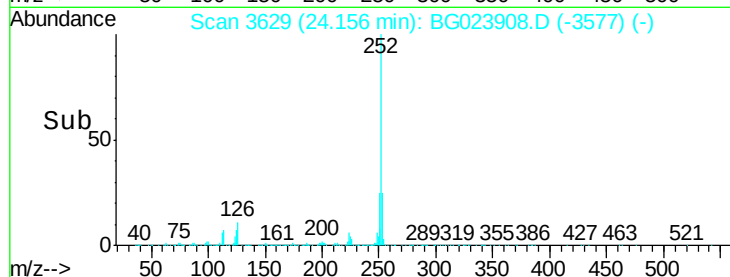
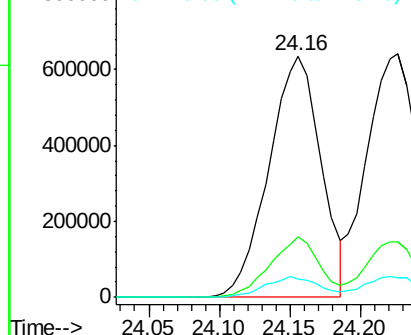
Manual Integrations
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 37.90 ng

RT: 24.23 min Scan# 3641

Delta R.T. 0.01 min

Lab File: BG023908.D

Acq: 26 Aug 2016 00:14

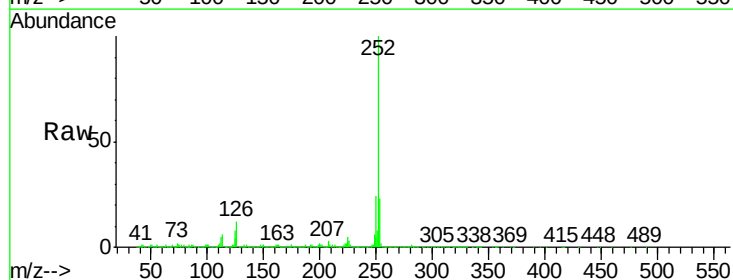
Tgt Ion:252 Resp: 1607887

Ion Ratio Lower Upper

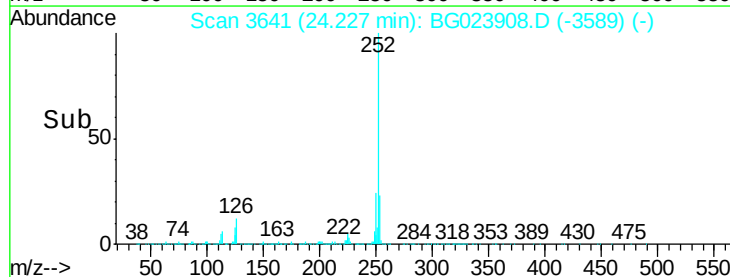
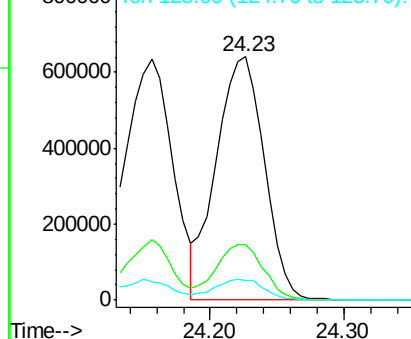
252 100

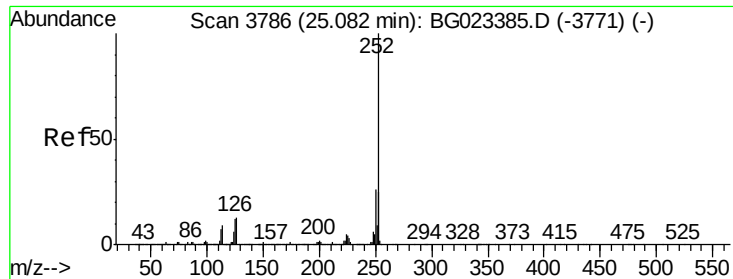
253 22.7 18.8 28.2

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: 37.94 ng
RT: 25.07 min Scan# 3785
Delta R.T. 0.00 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

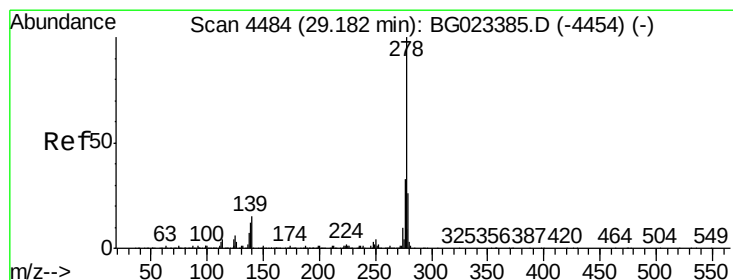
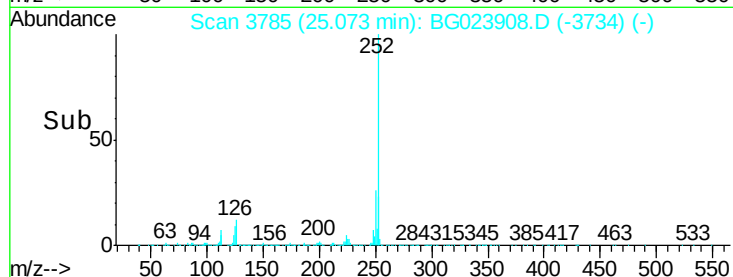
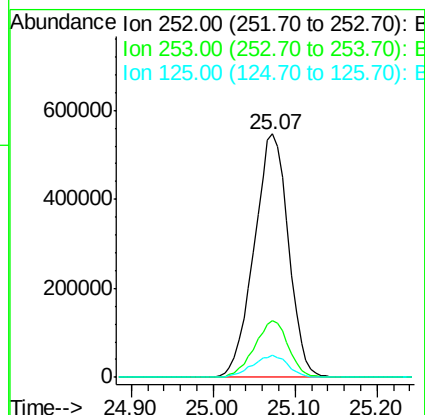
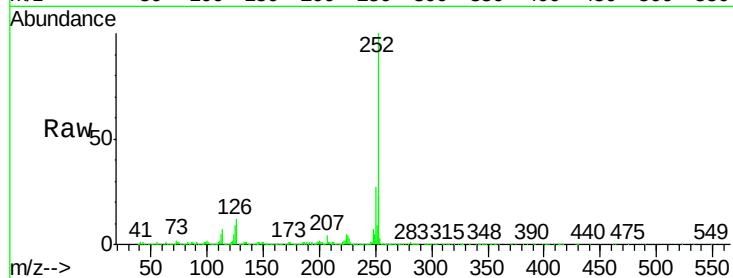
Instrument :
BNA_G
ClientSampleId :
MW-04MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.7	28.1
125	9.0	3.9	5.9

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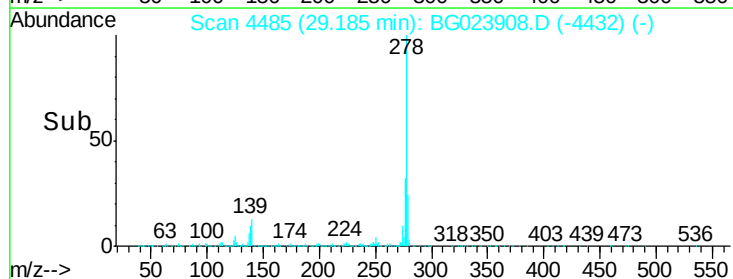
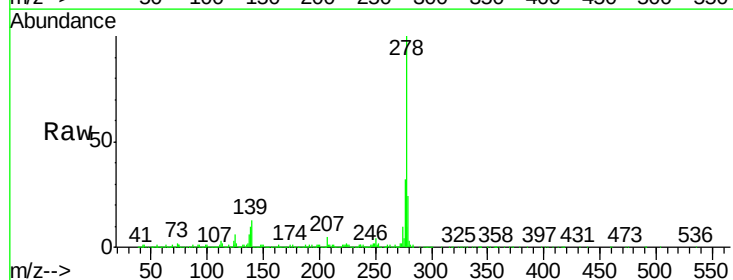
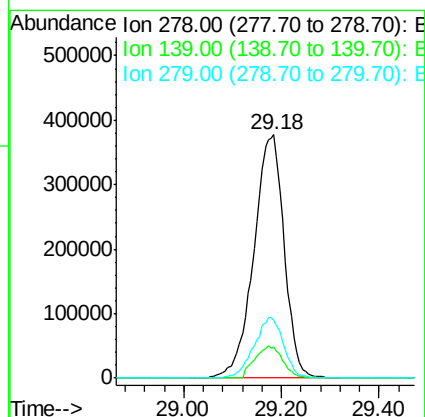
sohil

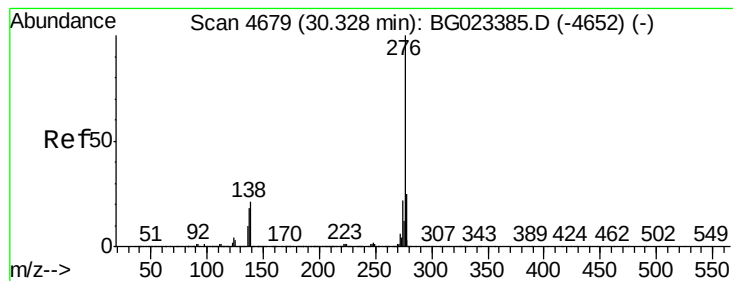
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#90
Dibenzo(a,h)anthracene
Concen: 38.11 ng
RT: 29.18 min Scan# 4485
Delta R.T. 0.01 min
Lab File: BG023908.D
Acq: 26 Aug 2016 00:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.7	4.7	7.1
279	23.9	18.3	27.5





#91

Benzo(g,h,i)perylene

Concen: 36.80 ng

RT: 30.34 min Scan# 4681

Delta R.T. 0.01 min

Lab File: BG023908.D

Acq: 26 Aug 2016 00:14

Instrument :

BNA_G

ClientSampleId :

MW-04MSD

Tgt Ion: 276 Resp: 1590263

Ion Ratio Lower Upper

276 100

277 24.3 18.6 27.8

138 17.5 6.8 10.2#

Manual Integrations

APPROVED

sohil

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