

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081616\
 Data File : BG023735.D
 Acq On : 16 Aug 2016 19:56
 Operator : UM/SJ
 Sample : PB92660BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB92660BS

Manual Integrations
 APPROVED

umangi
 8/17/2016 3:10:45 AM

Quant Time: Aug 17 01:29:03 2016
 Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 19:22:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	92441	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	424016	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	306212	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	777589	20.00	ng	0.00
75) Chrysene-d12	21.87	240	837516	20.00	ng	0.00
86) Perylene-d12	25.27	264	791135	20.00	ng	0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	773072	140.77	ng	-0.02
7) Phenol-d6	7.26	99	1170218	136.81	ng	-0.01
23) Nitrobenzene-d5	9.29	82	791449	92.80	ng	0.00
41) 2,4,6-Tribromophenol	16.28	330	617248	137.81	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	1622766	89.39	ng	0.00
78) Terphenyl-d14	20.16	244	2585918	100.00	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	68812	29.41	ng	# 90
3) Pyridine	3.90	79	222438	28.93	ng	93
4) n-Nitrosodimethylamine	3.82	42	125964	44.19	ng	84
6) Aniline	7.42	93	437328	35.39	ng	96
8) 2-Chlorophenol	7.67	128	288970	45.80	ng	99
9) Benzaldehyde	7.23	77	37787	5.37	ng	93
10) Phenol	7.29	94	436212	47.67	ng	84
11) bis(2-Chloroethyl)ether	7.51	93	298511	40.90	ng	94
12) 1,3-Dichlorobenzene	7.99	146	288981	40.01	ng	94
13) 1,4-Dichlorobenzene	8.14	146	300235	40.60	ng	97
14) 1,2-Dichlorobenzene	8.46	146	289646	39.93	ng	91
15) Benzyl Alcohol	8.35	79	375810	57.99	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.64	45	421320	39.25	ng	92
17) 2-Methylphenol	8.55	107	293602	47.86	ng	92
18) Hexachloroethane	9.19	117	117461	42.20	ng	93
19) n-Nitroso-di-n-propylamine	8.91	70	309470	42.06	ng	98
20) 3+4-Methylphenols	8.89	107	415421	48.04	ng	94
22) Acetophenone	8.94	105	455564	39.24	ng	# 93
24) Nitrobenzene	9.33	77	434101	45.96	ng	# 90
25) Isophorone	9.85	82	839982	47.28	ng	# 95
26) 2-Nitrophenol	10.05	139	184469	46.28	ng	# 81
27) 2,4-Dimethylphenol	10.10	122	318737	46.96	ng	91
28) bis(2-Chloroethoxy)methane	10.33	93	465015	43.54	ng	99
29) 2,4-Dichlorophenol	10.59	162	347103	50.86	ng	99
30) 1,2,4-Trichlorobenzene	10.80	180	323343	43.93	ng	99
31) Naphthalene	10.99	128	925398	42.86	ng	99
32) Benzoic acid	10.25	122	172896	30.40	ng	93
33) 4-Chloroaniline	11.11	127	271335	26.29	ng	93
34) Hexachlorobutadiene	11.27	225	216392	44.70	ng	94
35) Caprolactam	11.90	113	148330m	51.66	ng	
36) 4-Chloro-3-methylphenol	12.24	107	457970	51.08	ng	97
37) 2-Methylnaphthalene	12.60	142	729397m	44.43	ng	
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	366268	32.98	ng	100
40) Hexachlorocyclopentadiene	12.94	237	412195	73.61	ng	97

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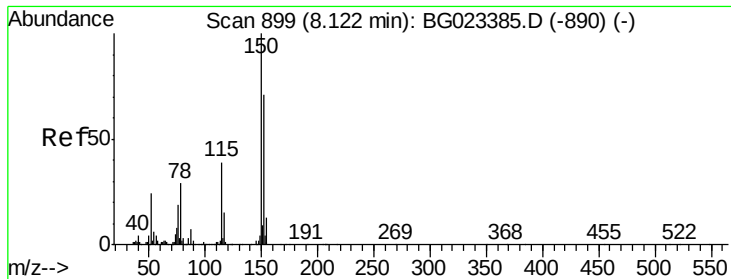
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 Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	309876	46.85	ng	98
43) 2,4,5-Trichlorophenol	13.29	196	337062	49.50	ng	97
45) 1,1'-Biphenyl	13.61	154	897625	38.35	ng	96
46) 2-Chloronaphthalene	13.66	162	778523	42.99	ng	97
47) 2-Nitroaniline	13.87	65	368334	48.99	ng	87
48) Acenaphthylene	14.50	152	1282278	44.80	ng	99
49) Dimethylphthalate	14.23	163	1149403	48.92	ng	99
50) 2,6-Dinitrotoluene	14.36	165	266433	47.89	ng	83
51) Acenaphthene	14.85	154	802465	44.25	ng	98
52) 3-Nitroaniline	14.70	138	215622	34.37	ng	87
53) 2,4-Dinitrophenol	14.92	184	304175	85.29	ng	93
54) Dibenzofuran	15.19	168	1296193	49.23	ng	94
55) 4-Nitrophenol	15.02	139	444250	90.16	ng	# 89
56) 2,4-Dinitrotoluene	15.16	165	394696	50.55	ng	97
57) Fluorene	15.84	166	1086508	47.29	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.42	232	344063	55.06	ng	96
59) Diethylphthalate	15.59	149	1209109	50.70	ng	99
60) 4-Chlorophenyl-phenylether	15.82	204	562147	46.23	ng	99
61) 4-Nitroaniline	15.87	138	304854	45.64	ng	# 71
62) Azobenzene	16.12	77	1301655	53.84	ng	93
64) 4,6-Dinitro-2-methylphenol	15.93	198	232865	44.05	ng	94
65) n-Nitrosodiphenylamine	16.04	169	1027286	45.04	ng	97
66) 4-Bromophenyl-phenylether	16.73	248	403784	44.55	ng	98
67) Hexachlorobenzene	16.85	284	436465	44.02	ng	94
68) Atrazine	17.00	200	397733	45.42	ng	97
69) Pentachlorophenol	17.20	266	468079	80.98	ng	96
70) Phenanthrene	17.59	178	1796184	45.52	ng	97
71) Anthracene	17.68	178	1850877	46.64	ng	99
72) Carbazole	17.96	167	1726856	49.55	ng	99
73) Di-n-butylphthalate	18.49	149	2030953	60.04	ng	99
74) Fluoranthene	19.60	202	2117576	59.92	ng	97
76) Benzidine	19.79	184	896545	38.51	ng	98
77) Pyrene	19.97	202	2141131	45.18	ng	99
79) Butylbenzylphthalate	20.84	149	979710	48.58	ng	98
80) Benzo(a)anthracene	21.85	228	2098644	45.39	ng	98
81) 3,3'-Dichlorobenzidine	21.76	252	643933	33.96	ng	# 97
82) Chrysene	21.92	228	1941802	44.15	ng	97
83) Bis(2-ethylhexyl)phthalate	21.72	149	1339500	48.50	ng	99
84) Di-n-octyl phthalate	22.99	149	2210248	46.89	ng	99
85) Indeno(1,2,3-cd)pyrene	29.19	276	2455385	44.67	ng	# 100
87) Benzo(b)fluoranthene	24.19	252	2186003	49.11	ng	# 98
88) Benzo(k)fluoranthene	24.26	252	2025171	47.37	ng	# 97
89) Benzo(a)pyrene	25.12	252	2060610	48.68	ng	# 97
90) Dibenzo(a,h)anthracene	29.25	278	2106766	48.72	ng	# 93
91) Benzo(g,h,i)perylene	30.42	276	2053777	47.16	ng	# 92

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



#1

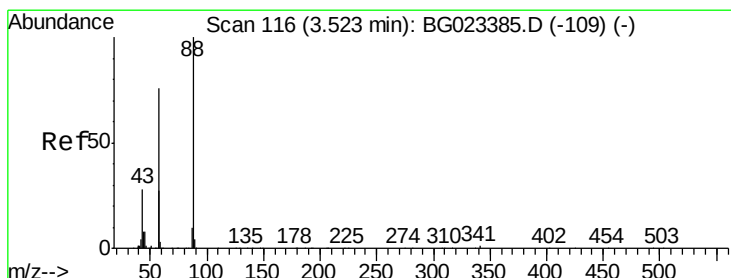
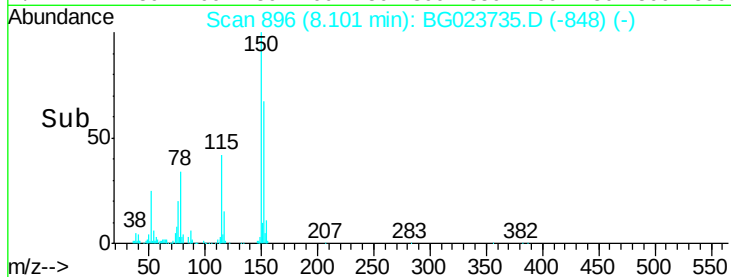
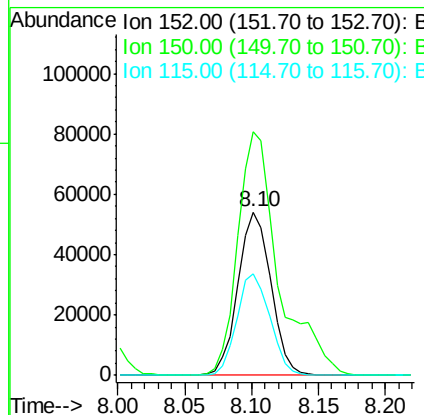
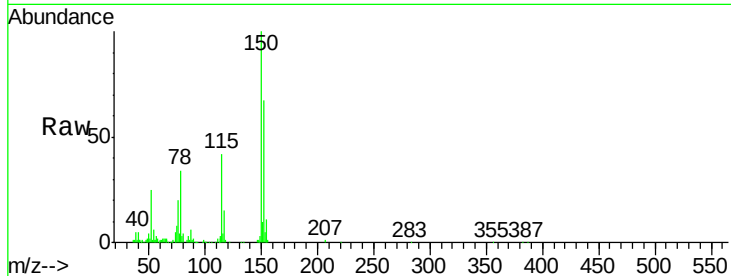
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.10 min Scan# 896
Delta R.T. -0.02 min
Lab File: BG023735.D
Acq: 16 Aug 2016 19:56

Instrument :
BNA_G
ClientSampleId :
PB92660BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	149.0	144.7	217.1
115	62.3	64.0	96.0

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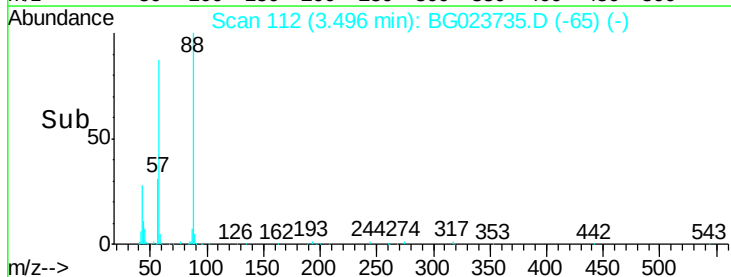
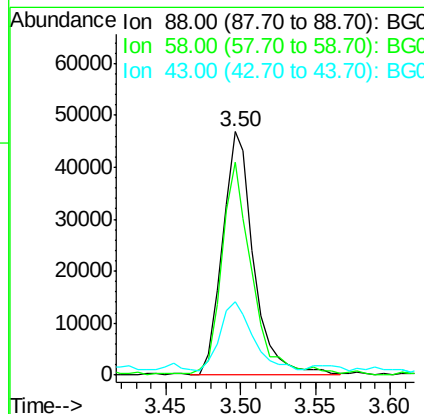
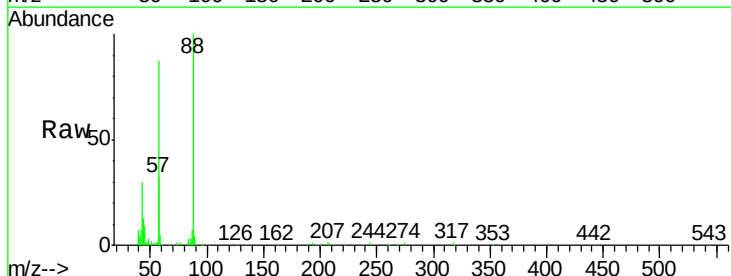
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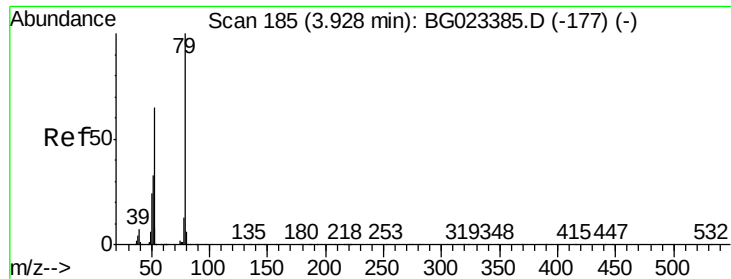


#2

1,4-Dioxane
Concen: 29.41 ng
RT: 3.50 min Scan# 112
Delta R.T. -0.03 min
Lab File: BG023735.D
Acq: 16 Aug 2016 19:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.0	60.4	90.6
43	29.7	31.1	46.7





#3

Pyridine

Concen: 28.93 ng

RT: 3.90 min Scan# 181

Delta R.T. -0.03 min

Lab File: BG023735.D

Acq: 16 Aug 2016 19:56

Instrument :

BNA_G

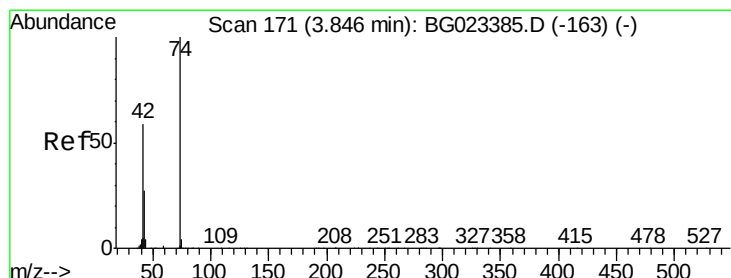
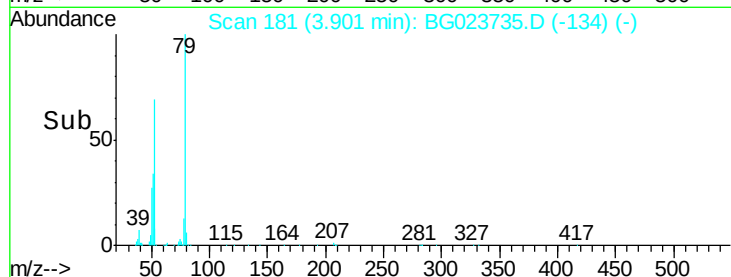
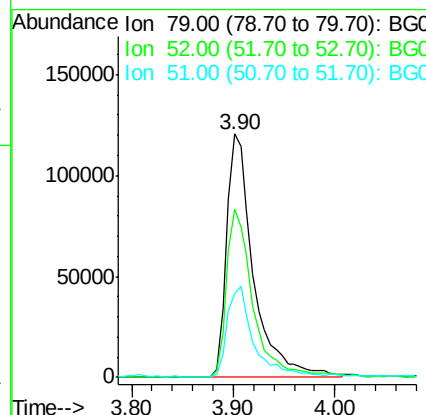
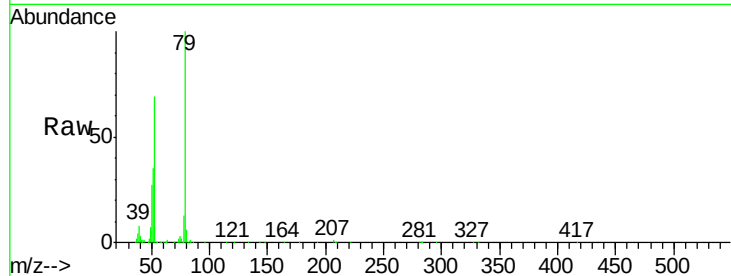
ClientSampleId :

PB92660BS

Tgt Ion:	79	Resp:	222438
Ion	Ratio	Lower	Upper
79	100		
52	69.1	51.8	77.8
51	34.6	32.7	49.1

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#4

n-Nitrosodimethylamine

Concen: 44.19 ng

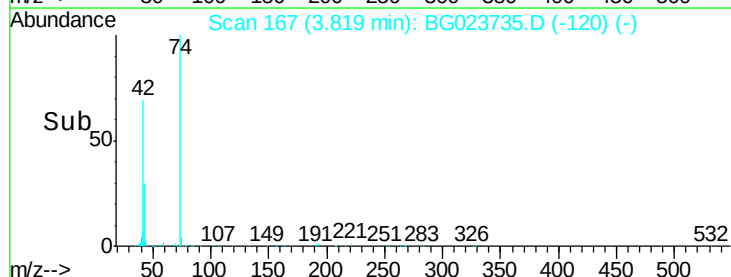
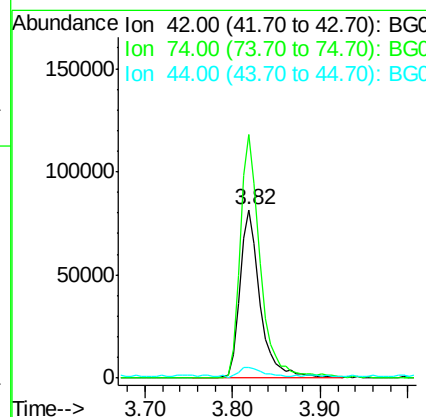
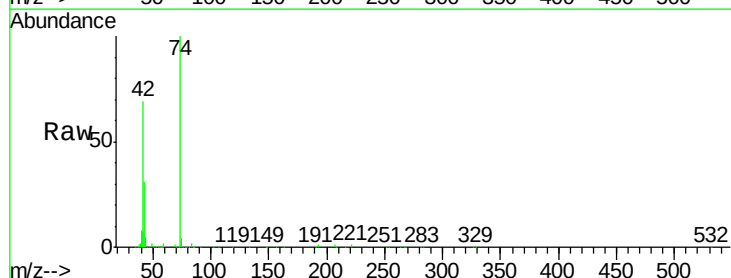
RT: 3.82 min Scan# 167

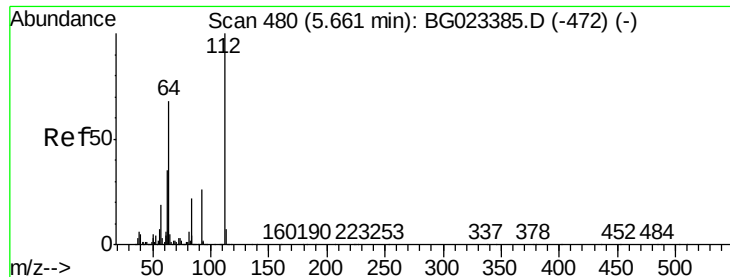
Delta R.T. -0.03 min

Lab File: BG023735.D

Acq: 16 Aug 2016 19:56

Tgt Ion:	42	Resp:	125964
Ion	Ratio	Lower	Upper
42	100		
74	144.3	100.6	150.8
44	6.7	4.5	6.7





#5

2-Fluorophenol

Concen: 140.77 ng

RT: 5.64 min Scan# 477

Delta R.T. -0.02 min

Lab File: BG023735.D

Acq: 16 Aug 2016 19:56

Instrument :

BNA_G

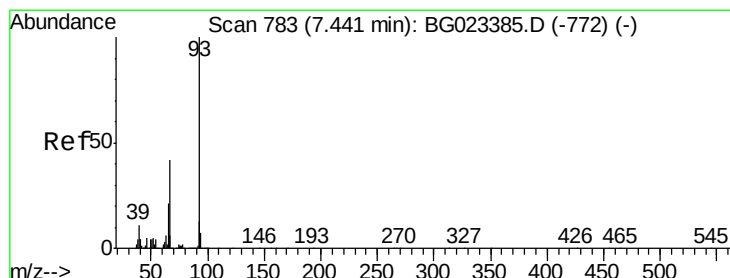
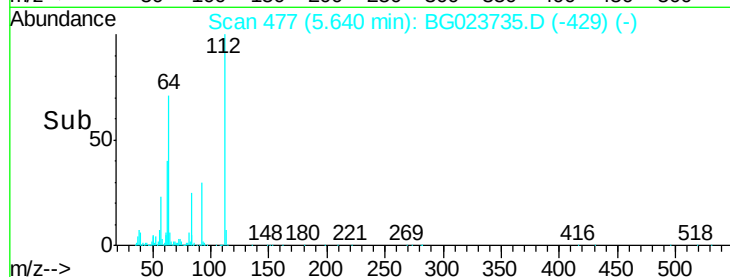
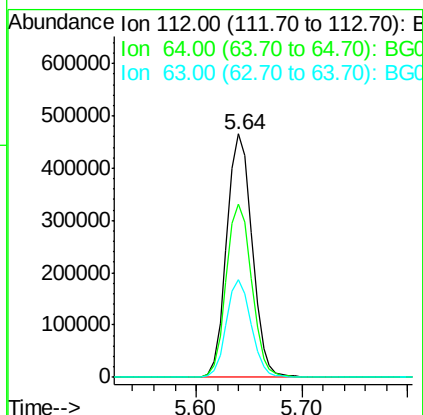
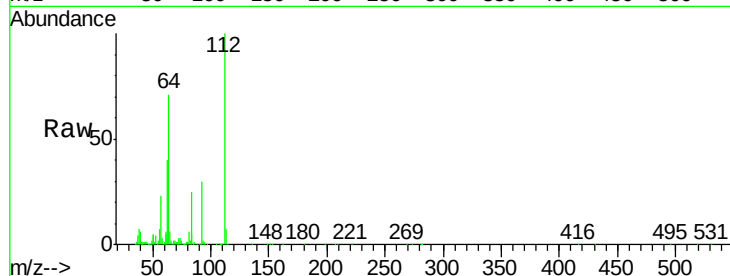
ClientSampleId :

PB92660BS

Tgt Ion:	112	Resp:	773072
Ion Ratio	Lower	Upper	
112	100		
64	71.2	59.0	88.4
63	40.2	37.8	56.8

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#6

Aniline

Concen: 35.39 ng

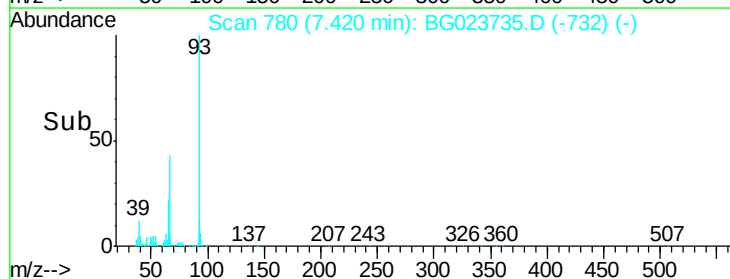
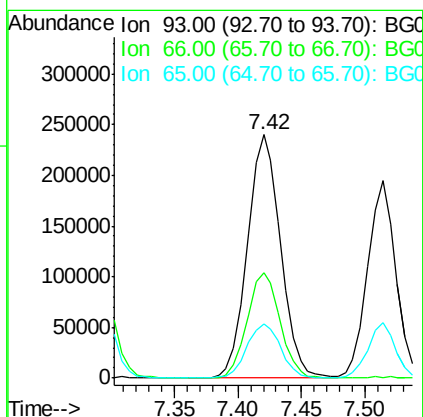
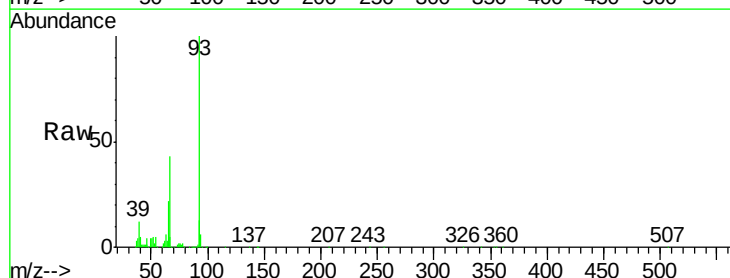
RT: 7.42 min Scan# 780

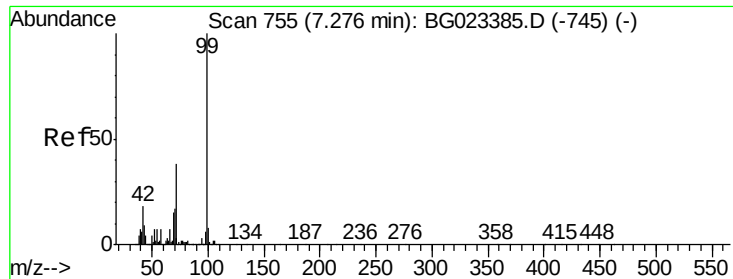
Delta R.T. -0.02 min

Lab File: BG023735.D

Acq: 16 Aug 2016 19:56

Tgt Ion:	93	Resp:	437328
Ion Ratio	Lower	Upper	
93	100		
66	43.4	37.5	56.3
65	22.4	17.9	26.9





#7

Phenol-d6

Concen: 136.81 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG023735.D

Acq: 16 Aug 2016 19:56

Instrument :

BNA_G

ClientSampleId :

PB92660BS

Tgt Ion: 99 Resp: 1170218

Ion Ratio Lower Upper

99 100

42 18.2 17.8 26.6

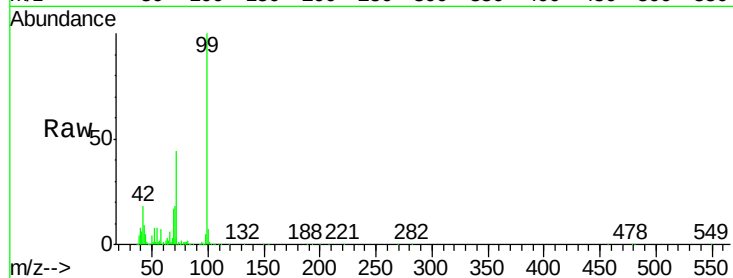
71 44.0 41.5 62.3

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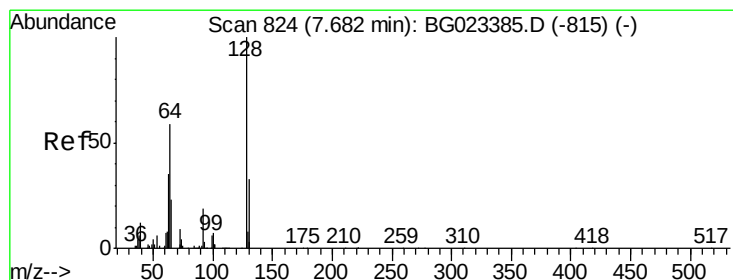
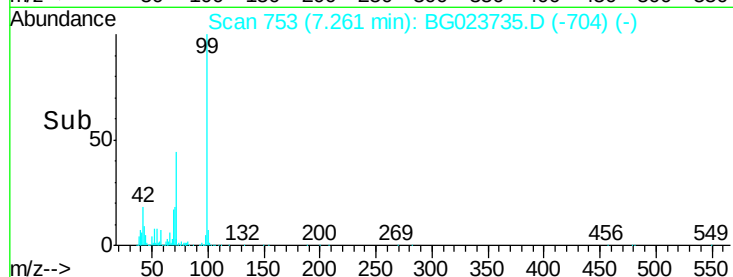
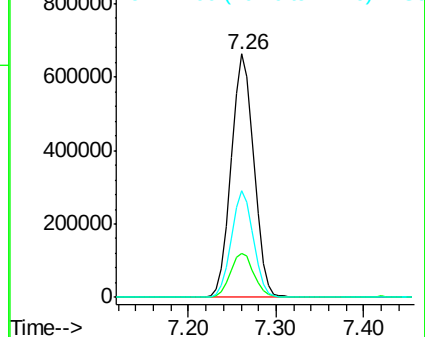
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 45.80 ng

RT: 7.67 min Scan# 822

Delta R.T. -0.01 min

Lab File: BG023735.D

Acq: 16 Aug 2016 19:56

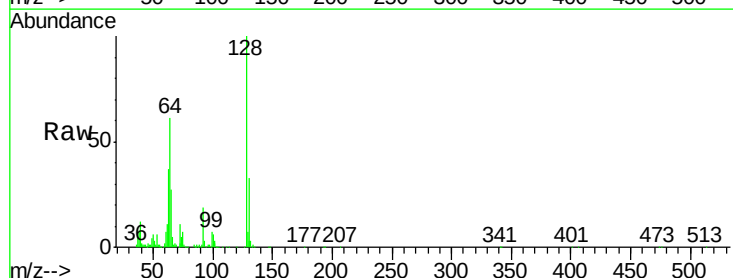
Tgt Ion: 128 Resp: 288970

Ion Ratio Lower Upper

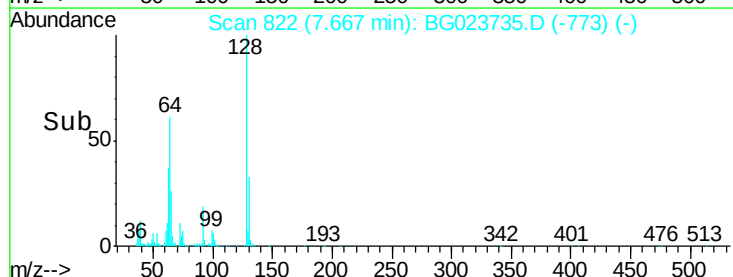
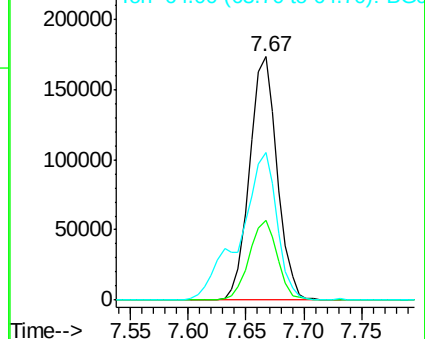
128 100

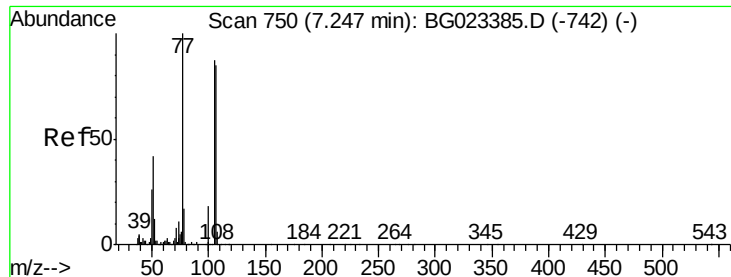
130 32.8 12.9 52.9

64 60.7 42.0 82.0



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





#9

Benzaldehyde

Concen: 5.37 ng

RT: 7.23 min Scan# 748

Delta R.T. -0.01 min

Lab File: BG023735.D

Acq: 16 Aug 2016 19:56

Instrument :

BNA_G

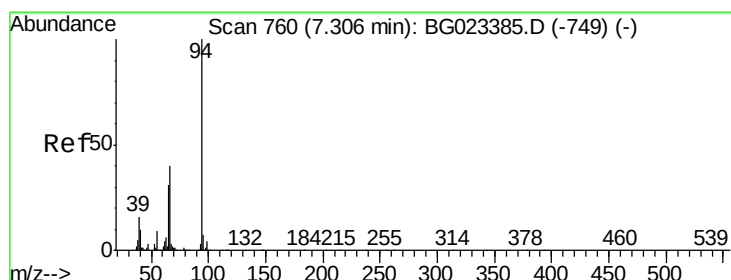
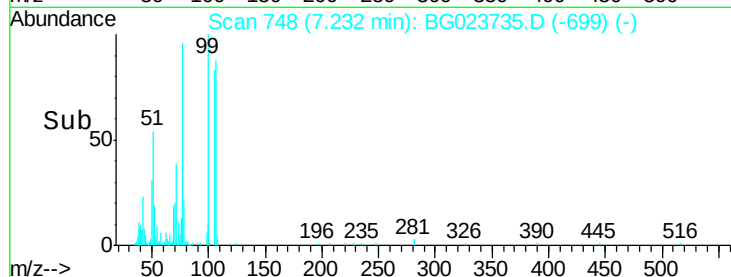
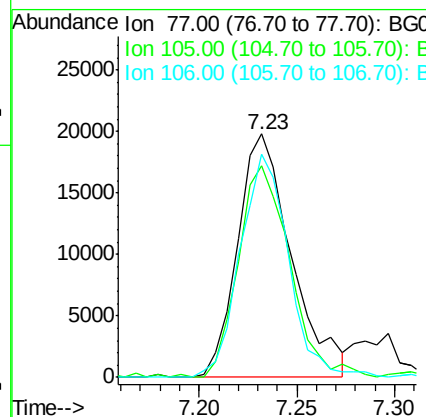
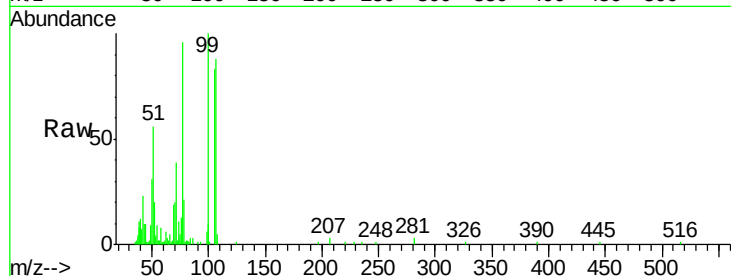
ClientSampleId :

PB92660BS

Tgt Ion	Ratio	Lower	Upper
77	100		
105	86.7	58.7	98.7
106	91.4	67.5	107.5

Manual Integrations
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#10

Phenol

Concen: 47.67 ng

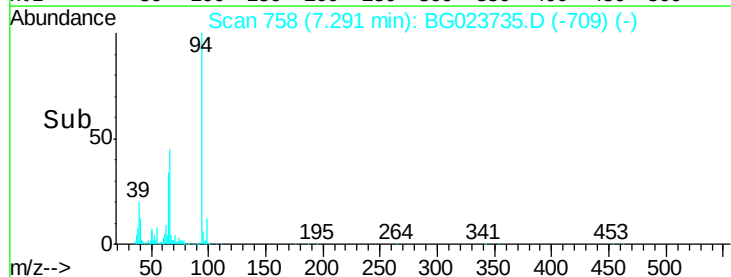
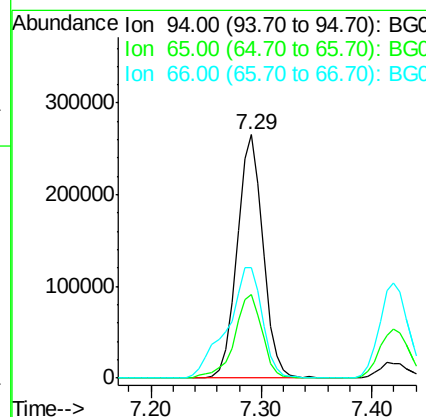
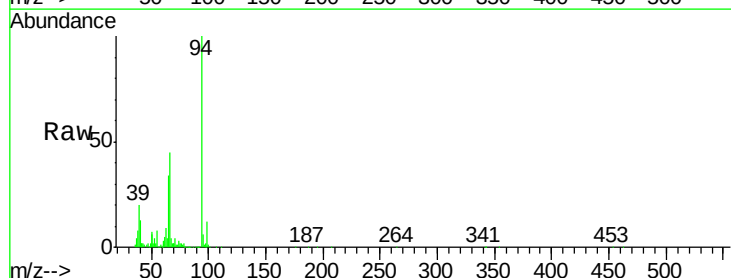
RT: 7.29 min Scan# 758

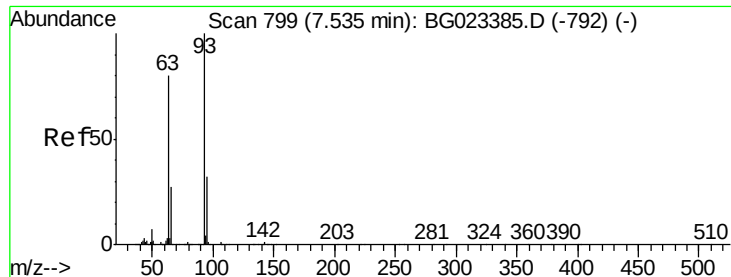
Delta R.T. -0.02 min

Lab File: BG023735.D

Acq: 16 Aug 2016 19:56

Tgt Ion	Ratio	Lower	Upper
94	100		
65	34.2	18.1	58.1
66	45.3	42.1	82.1





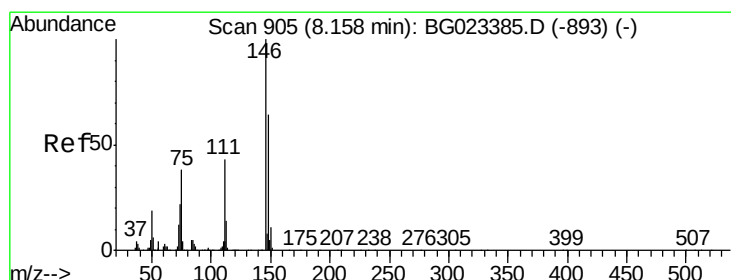
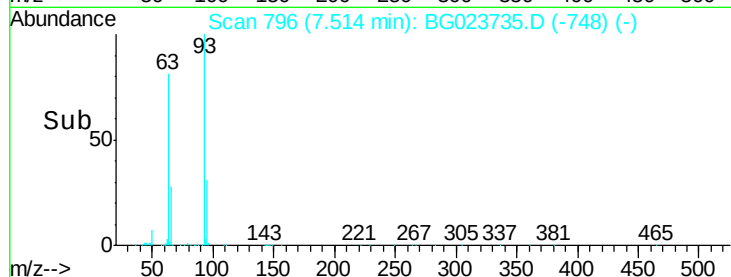
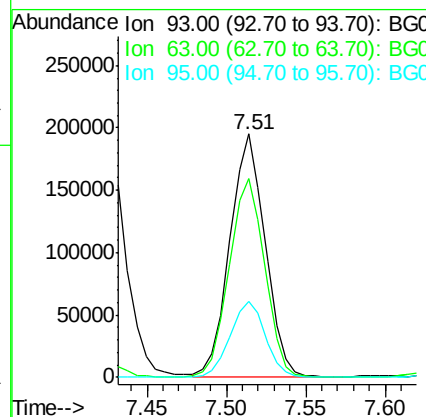
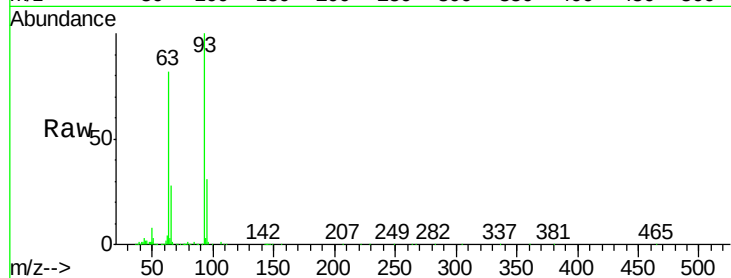
#11
bis(2-Chloroethyl)ether
Concen: 40.90 ng
RT: 7.51 min Scan# 796
Delta R.T. -0.02 min
Lab File: BG023735.D
Acq: 16 Aug 2016 19:56

Instrument :
BNA_G
ClientSampleId :
PB92660BS

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
63	81.6	55.0	95.0
95	31.2	11.0	51.0

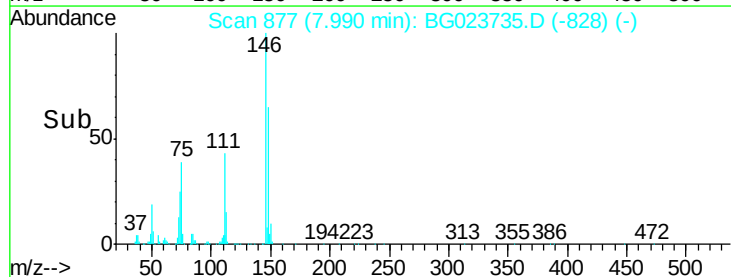
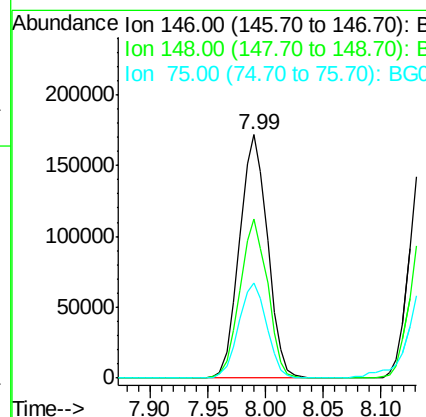
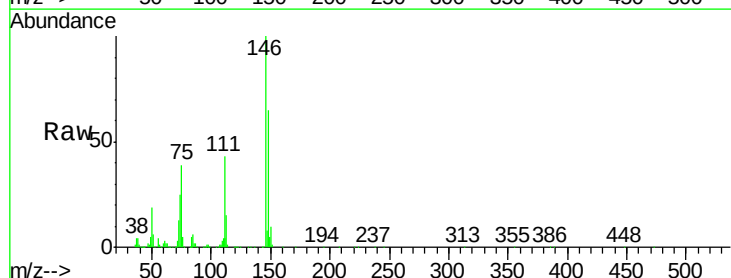
Manual Integrations
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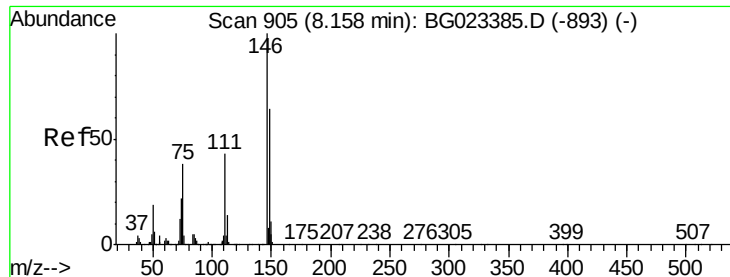
umangi
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#12
1,3-Dichlorobenzene
Concen: 40.01 ng
RT: 7.99 min Scan# 877
Delta R.T. -0.02 min
Lab File: BG023735.D
Acq: 16 Aug 2016 19:56

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	65.5	50.3	75.5
75	39.2	37.0	55.6





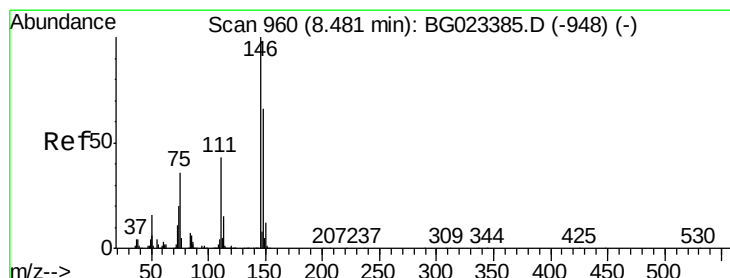
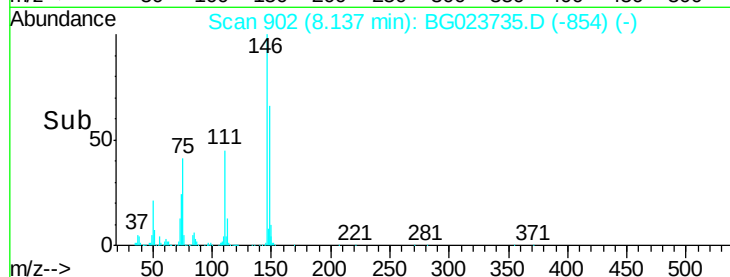
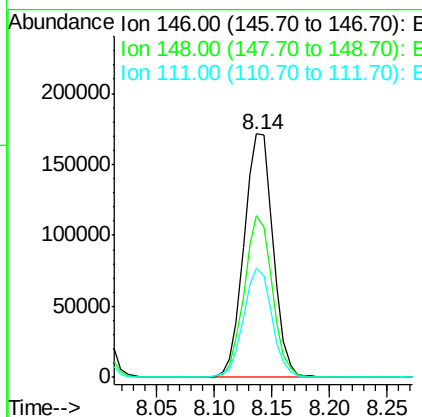
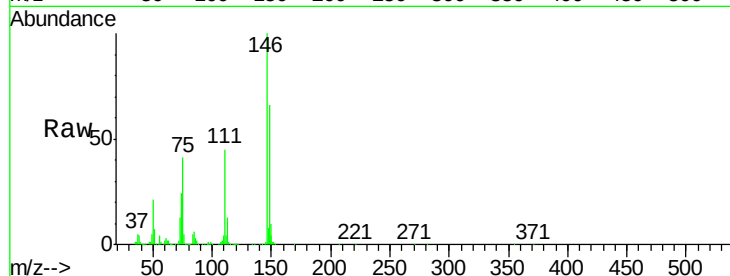
#13
 1,4-Dichlorobenzene
 Concen: 40.60 ng
 RT: 8.14 min Scan# 902
 Delta R.T. -0.02 min
 Lab File: BG023735.D
 Acq: 16 Aug 2016 19:56

Instrument :
 BNA_G
 ClientSampleId :
 PB92660BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.4	54.5	81.7
111	44.8	37.8	56.8

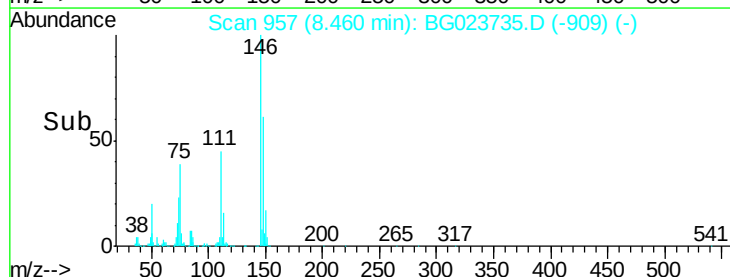
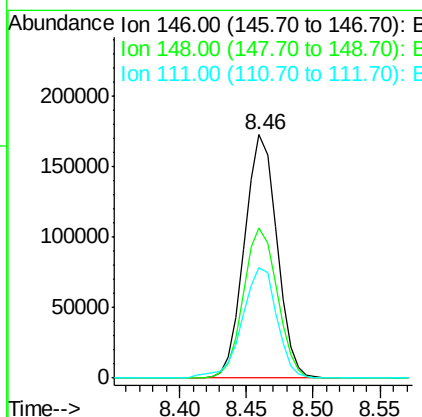
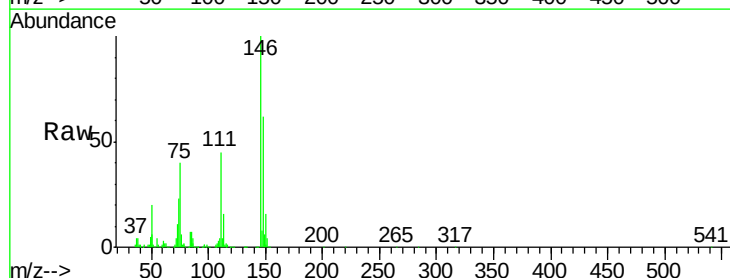
Manual Integrations
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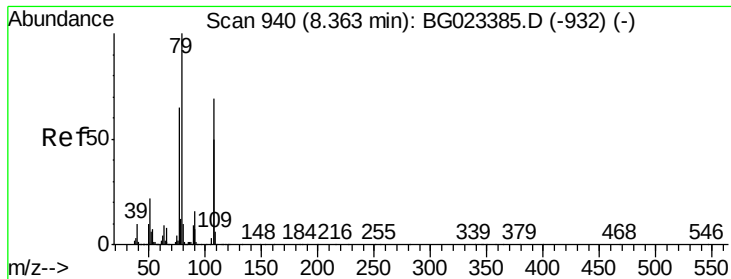
umangi
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#14
 1,2-Dichlorobenzene
 Concen: 39.93 ng
 RT: 8.46 min Scan# 957
 Delta R.T. -0.02 min
 Lab File: BG023735.D
 Acq: 16 Aug 2016 19:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.7	52.9	79.3
111	45.3	43.5	65.3





#15

Benzyl Alcohol

Concen: 57.99 ng

RT: 8.35 min Scan# 938

Delta R.T. -0.01 min

Lab File: BG023735.D

Acq: 16 Aug 2016 19:56

Instrument :

BNA_G

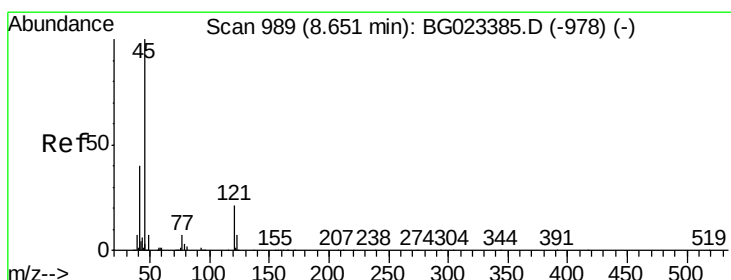
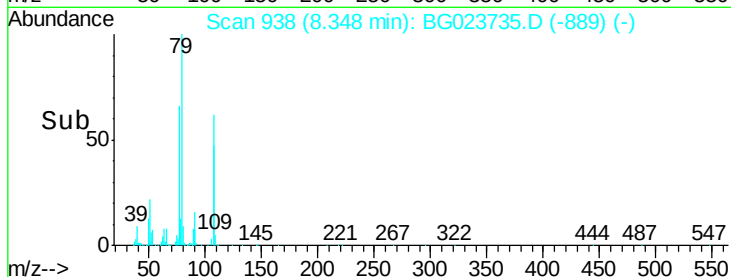
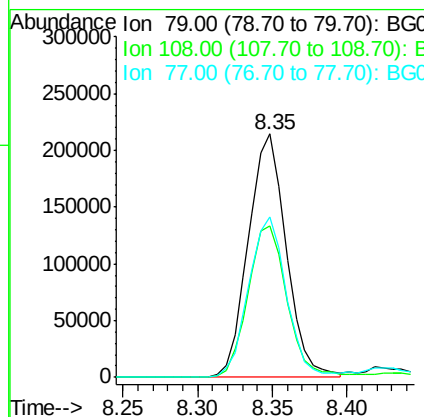
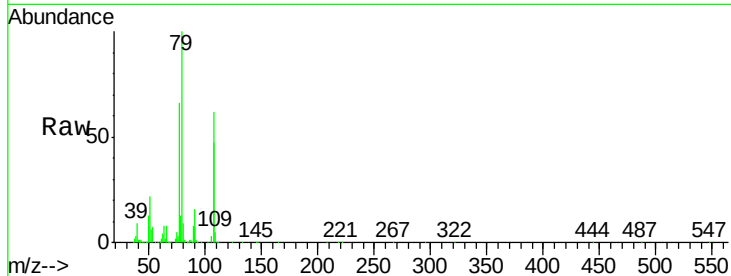
ClientSampleId :

PB92660BS

Tgt Ion:	79	Resp:	375810
Ion Ratio	Lower	Upper	
79	100		
108	62.2	46.5	69.7
77	66.0	52.3	78.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.25 ng

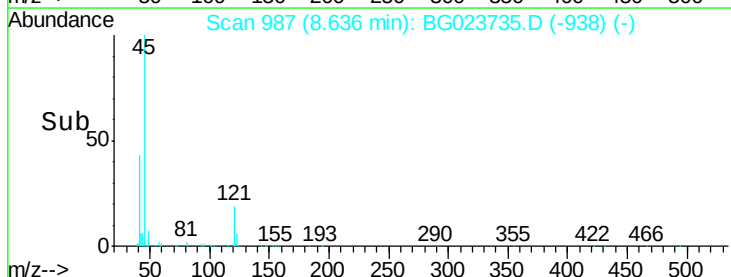
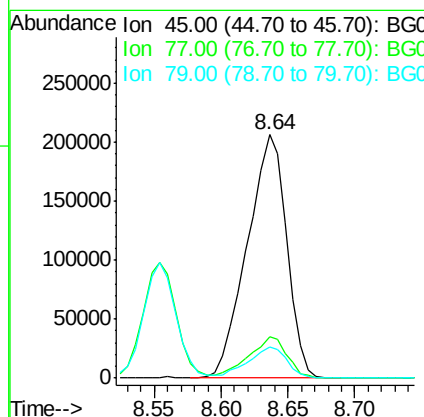
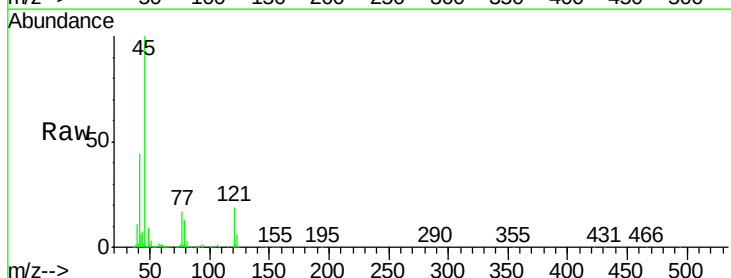
RT: 8.64 min Scan# 987

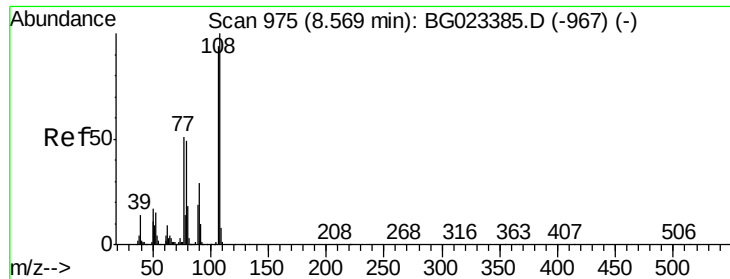
Delta R.T. -0.02 min

Lab File: BG023735.D

Acq: 16 Aug 2016 19:56

Tgt Ion:	45	Resp:	421320
Ion Ratio	Lower	Upper	
45	100		
77	17.0	0.6	40.6
79	12.6	0.0	36.2





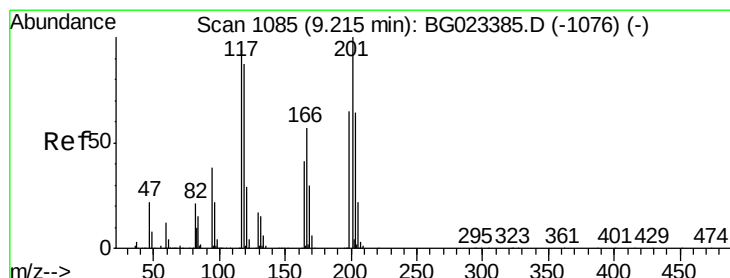
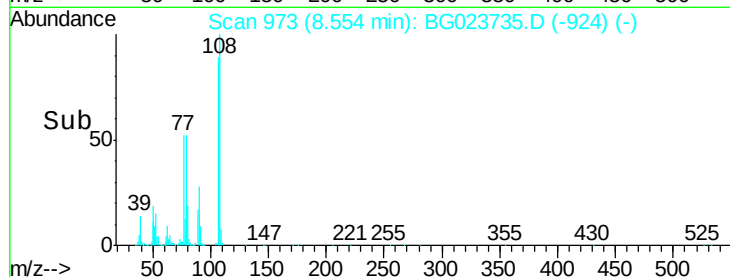
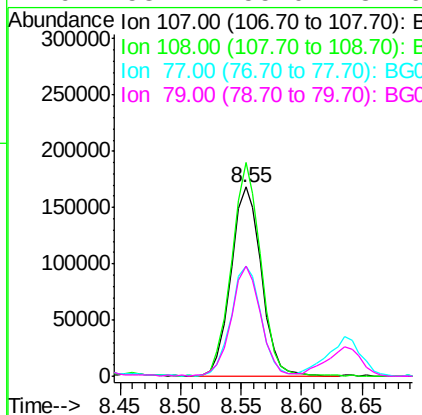
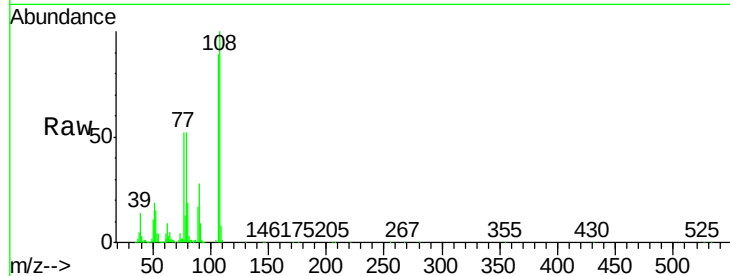
#17
2-Methylphenol
Concen: 47.86 ng
RT: 8.55 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG023735.D
Acq: 16 Aug 2016 19:56

Instrument :
BNA_G
ClientSampleId :
PB92660BS

Tgt	Ion	Resp	Lower	Upper
107	100			
108	112.8	92.0	138.0	
77	58.3	55.8	83.6	
79	58.1	55.0	82.6	

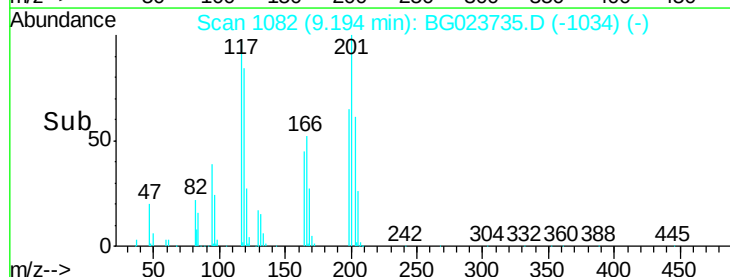
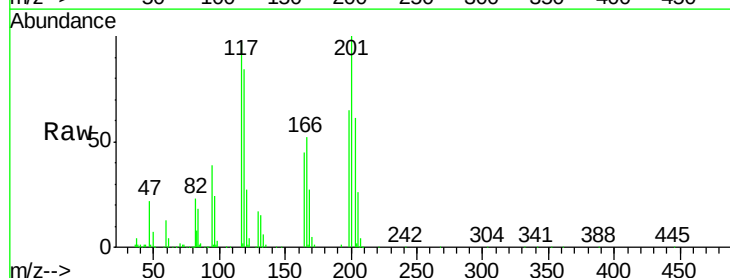
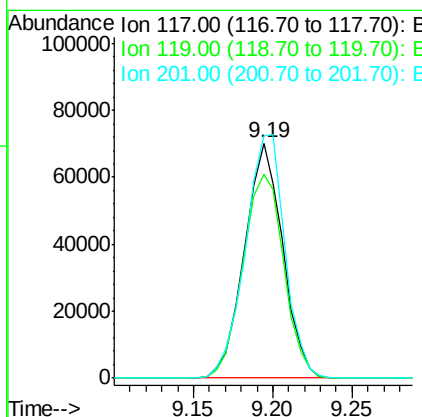
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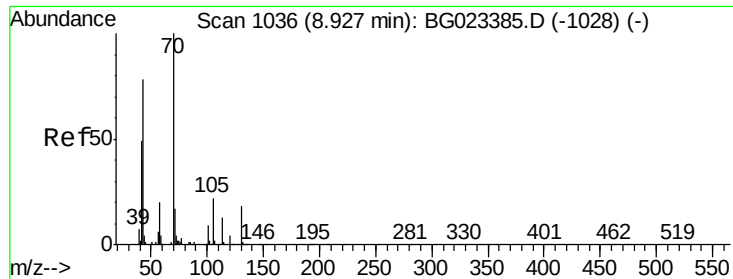
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#18
Hexachloroethane
Concen: 42.20 ng
RT: 9.19 min Scan# 1082
Delta R.T. -0.02 min
Lab File: BG023735.D
Acq: 16 Aug 2016 19:56

Tgt	Ion	Resp	Lower	Upper
117	100			
119	86.4	73.7	110.5	
201	103.1	88.7	133.1	





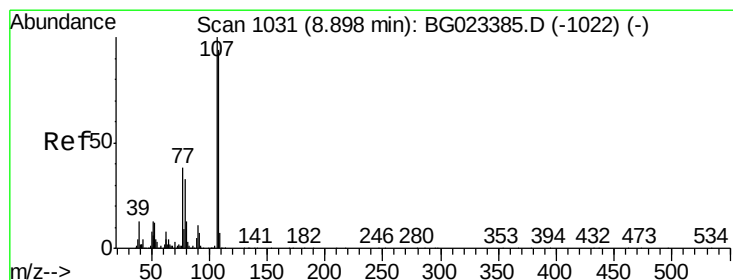
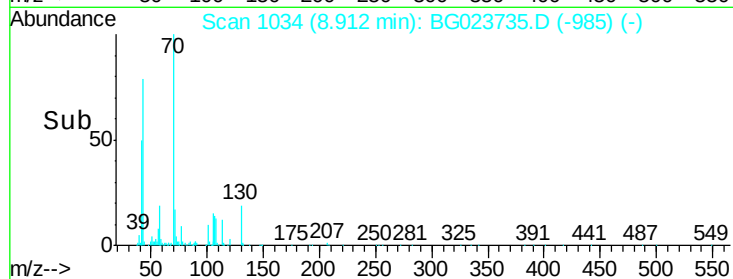
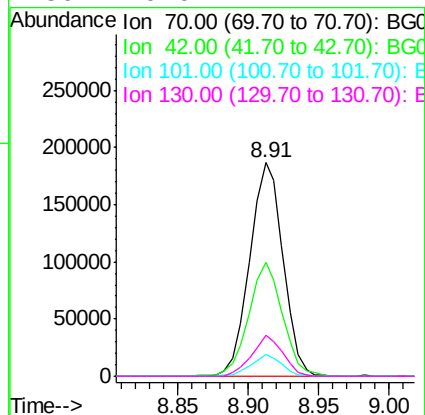
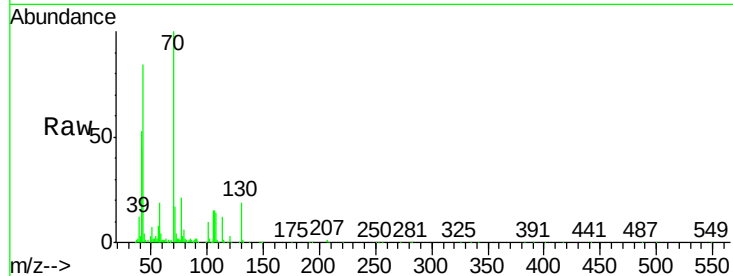
#19
n-Nitroso-di-n-propylamine
Concen: 42.06 ng
RT: 8.91 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BG023735.D
Acq: 16 Aug 2016 19:56

Instrument :
BNA_G
ClientSampleId :
PB92660BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	53.2	42.1	63.1
101	9.9	7.2	10.8
130	19.0	14.2	21.2

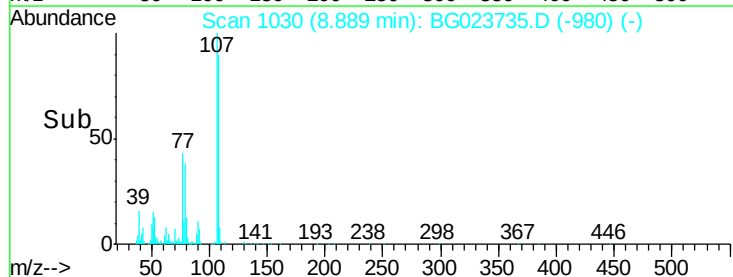
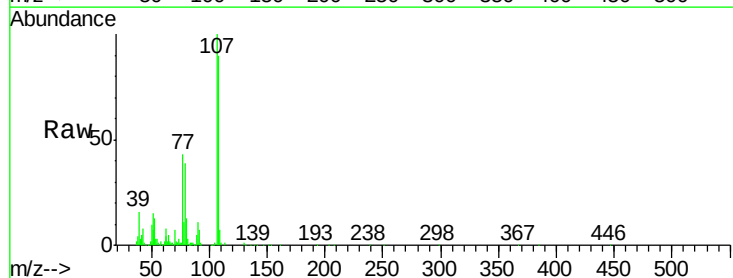
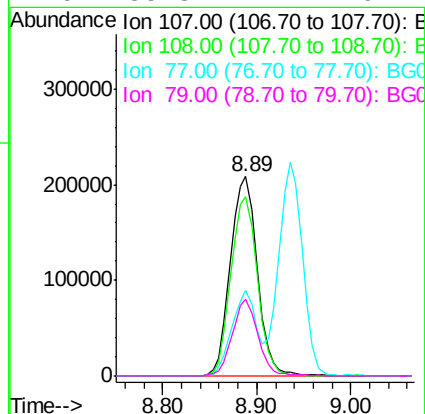
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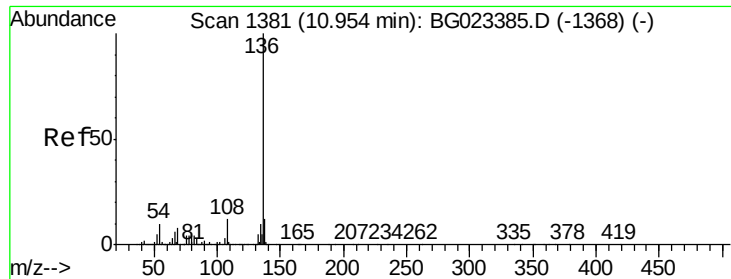
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#20
3+4-Methylphenols
Concen: 48.04 ng
RT: 8.89 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BG023735.D
Acq: 16 Aug 2016 19:56

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.2	72.5	112.5
77	43.3	30.1	70.1
79	38.8	24.2	64.2





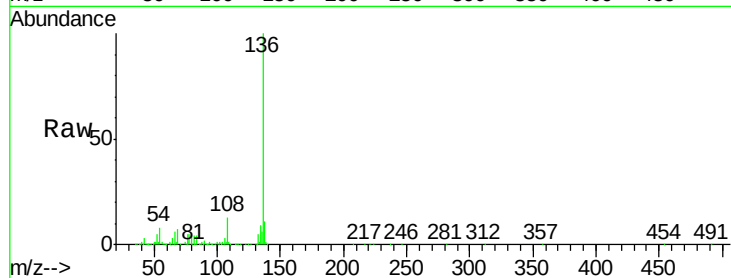
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG023735.D
Acq: 16 Aug 2016 19:56

Instrument :
BNA_G
ClientSampleId :
PB92660BS

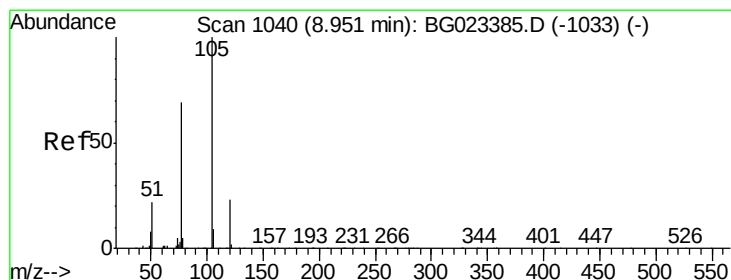
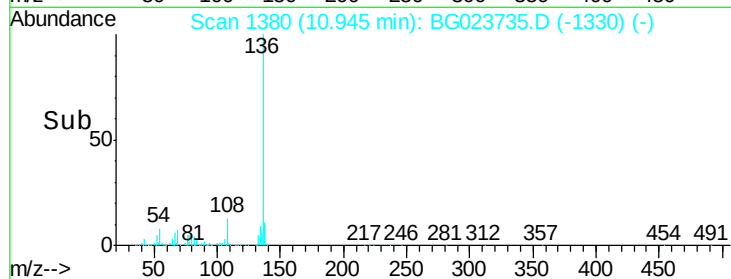
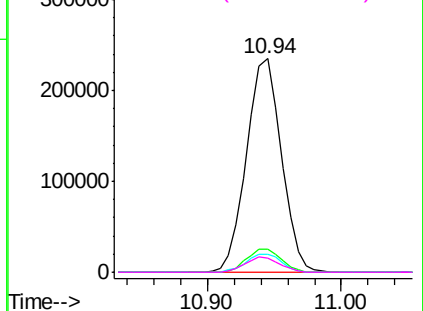
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	424016		
137	10.6	9.6	14.4	
54	8.3	7.3	10.9	
68	6.6	5.3	7.9	

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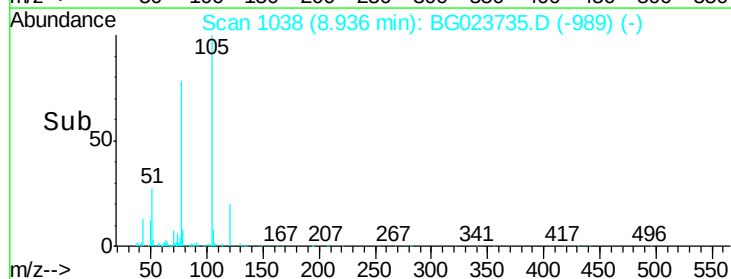
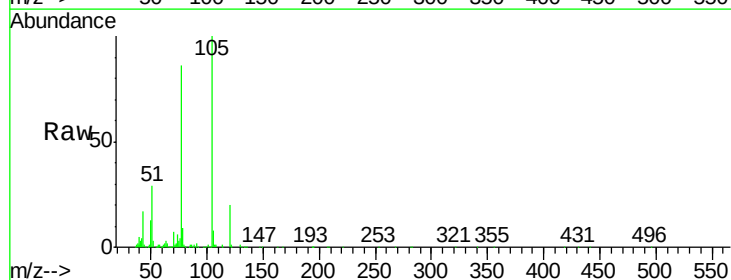
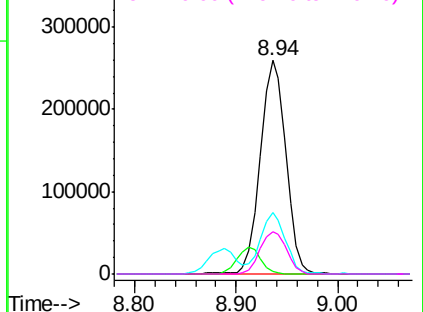
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

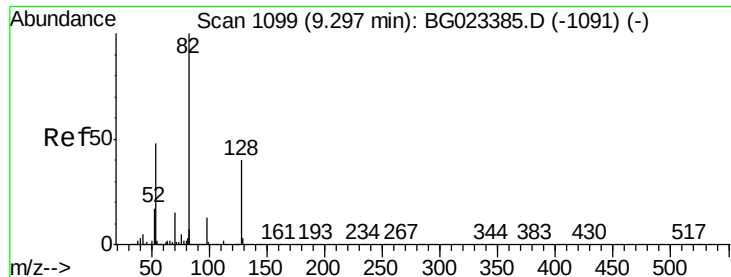


#22
Acetophenone
Concen: 39.24 ng
RT: 8.94 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BG023735.D
Acq: 16 Aug 2016 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	455564		
71	1.3	2.6	3.8#	
51	28.6	27.1	40.7	
120	19.8	15.1	22.7	

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





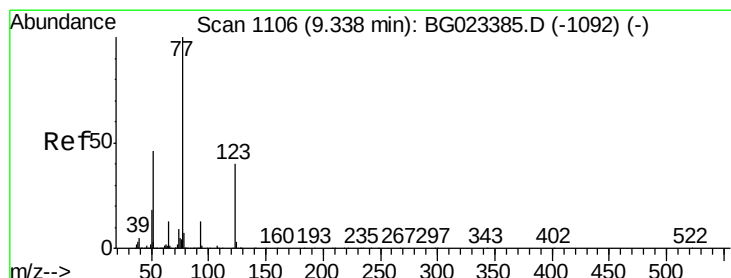
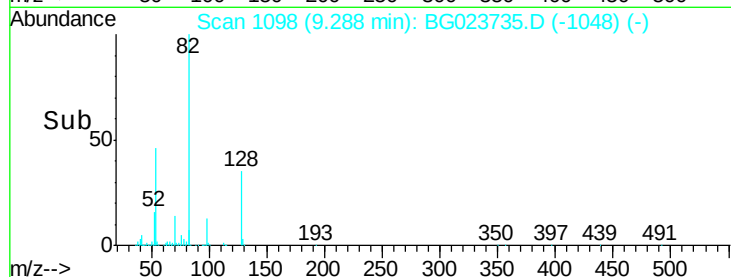
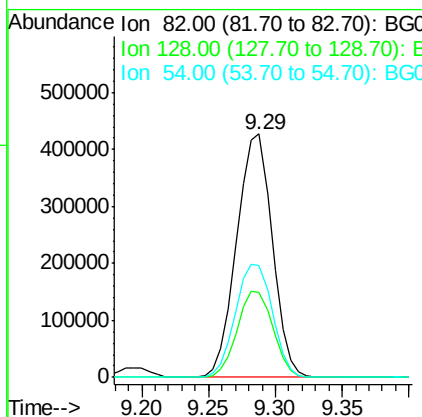
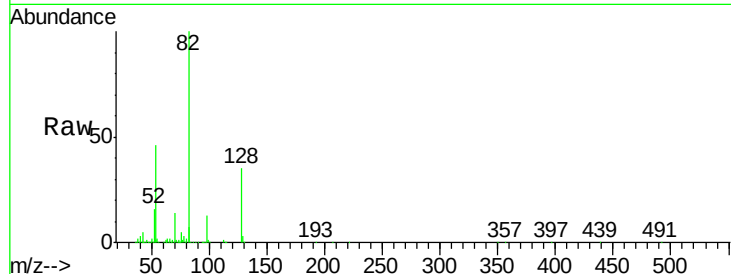
#23
 Nitrobenzene-d5
 Concen: 92.80 ng
 RT: 9.29 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BG023735.D
 Acq: 16 Aug 2016 19:56

Instrument :
 BNA_G
 ClientSampled :
 PB92660BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.7	24.4	36.6
54	46.0	41.4	62.0

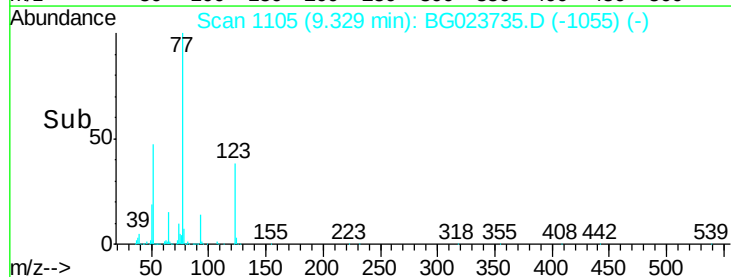
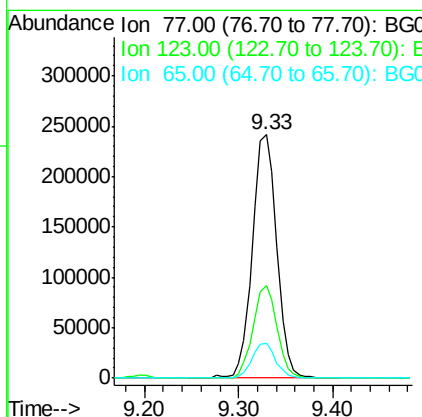
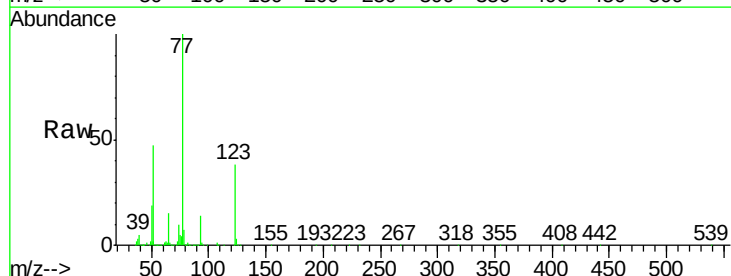
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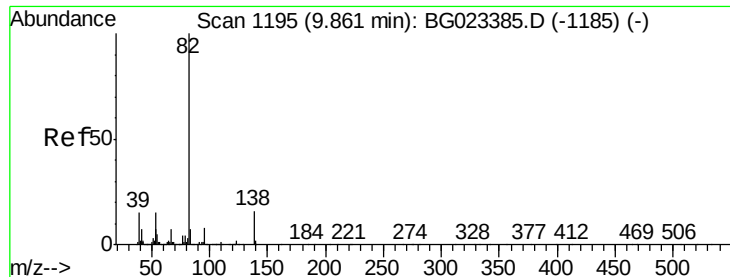
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#24
 Nitrobenzene
 Concen: 45.96 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. -0.01 min
 Lab File: BG023735.D
 Acq: 16 Aug 2016 19:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.9	25.0	37.6#
65	14.5	13.4	20.0





#25

Isophorone

Concen: 47.28 ng

RT: 9.85 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BG023735.D

Acq: 16 Aug 2016 19:56

Instrument :

BNA_G

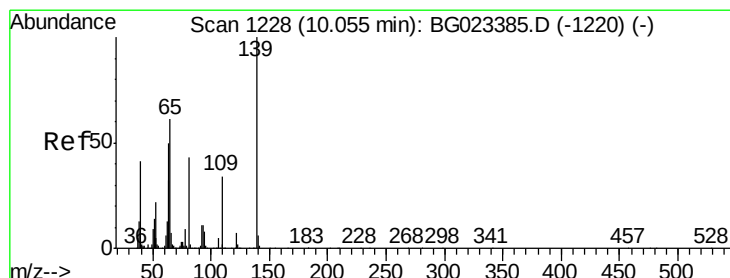
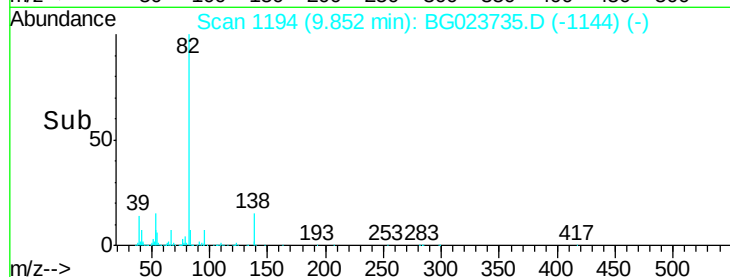
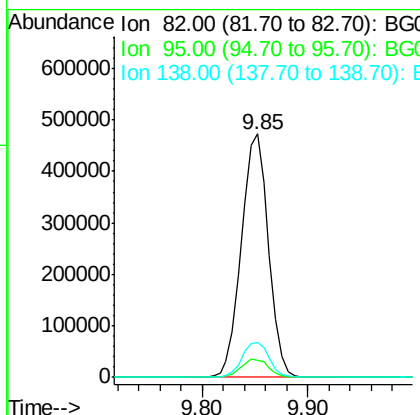
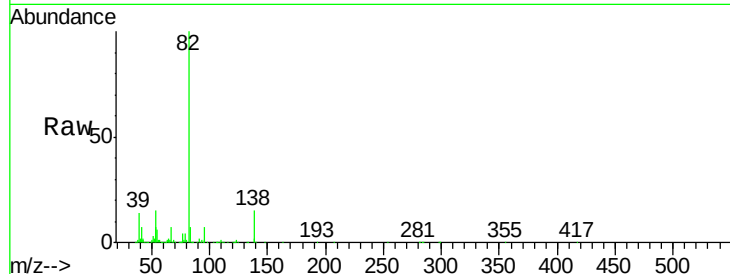
ClientSampleId :

PB92660BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	839982		
95	7.1	8.2	12.2#	
138	14.6	10.7	16.1	

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#26

2-Nitrophenol

Concen: 46.28 ng

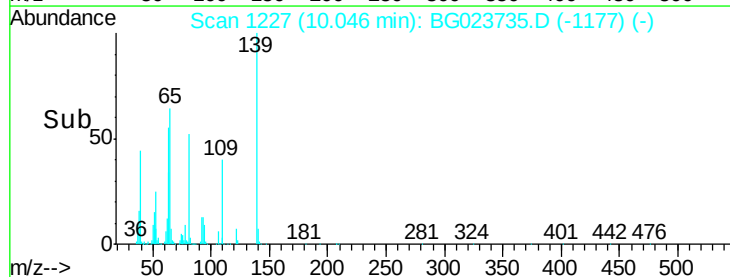
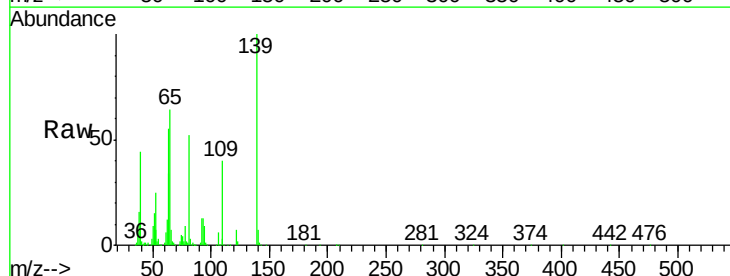
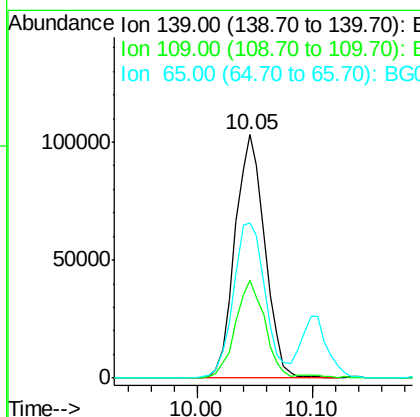
RT: 10.05 min Scan# 1227

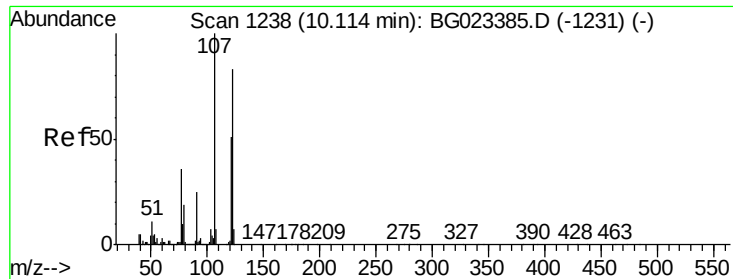
Delta R.T. -0.01 min

Lab File: BG023735.D

Acq: 16 Aug 2016 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	184469		
109	40.1	43.5	65.3#	
65	64.0	64.3	96.5#	





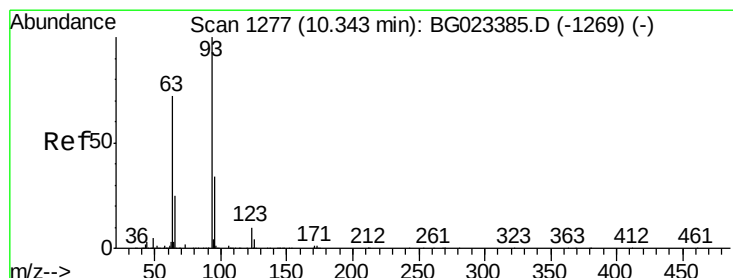
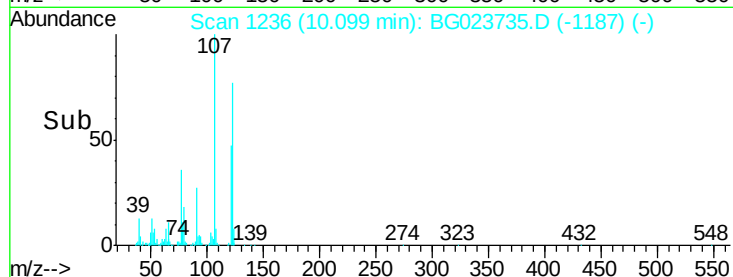
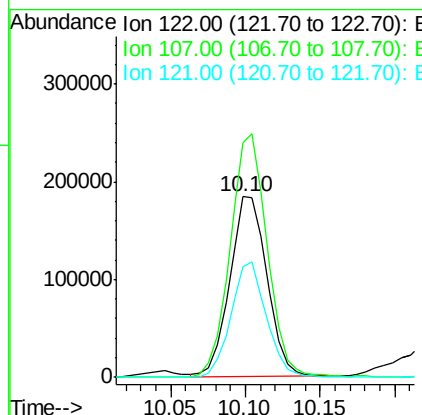
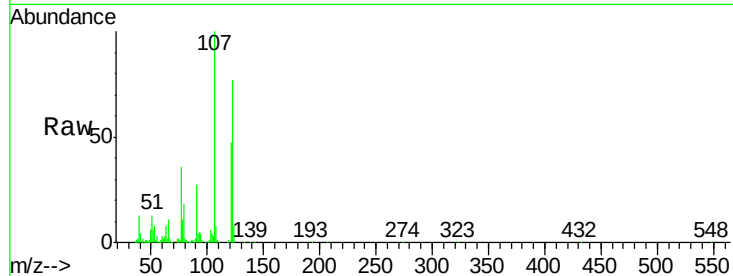
#27
2,4-Dimethylphenol
Concen: 46.96 ng
RT: 10.10 min Scan# 1236
Delta R.T. -0.02 min
Lab File: BG023735.D
Acq: 16 Aug 2016 19:56

Instrument :
BNA_G
ClientSampleId :
PB92660BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	318737		
107	130.3	117.0	175.4	
121	61.6	50.1	75.1	

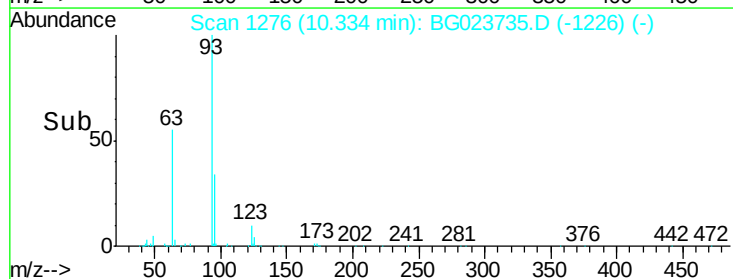
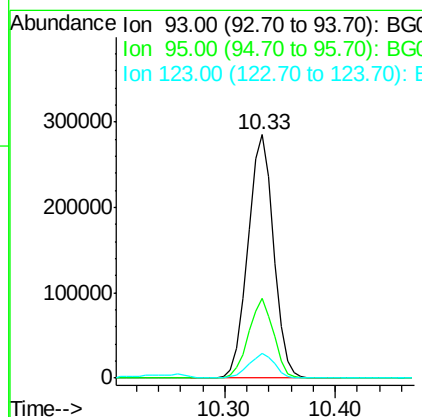
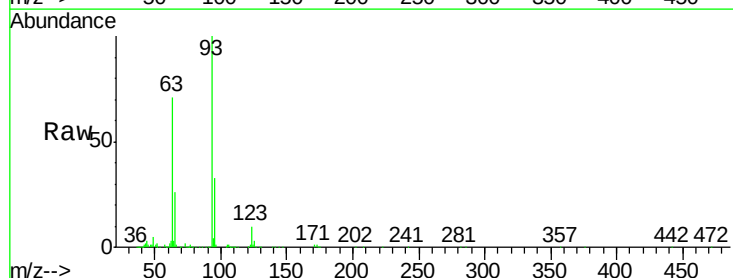
Manual Integrations
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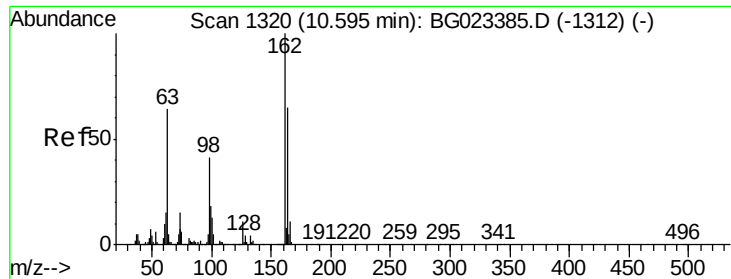
umangi
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#28
bis(2-Chloroethoxy)methane
Concen: 43.54 ng
RT: 10.33 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BG023735.D
Acq: 16 Aug 2016 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	465015		
95	32.7	25.4	38.2	
123	10.0	8.2	12.2	





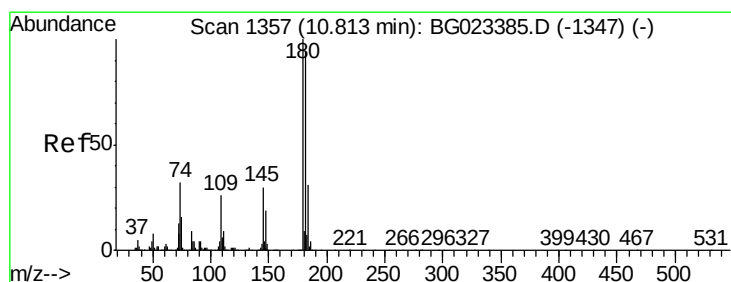
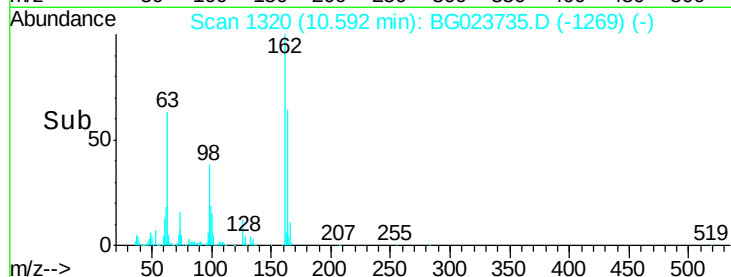
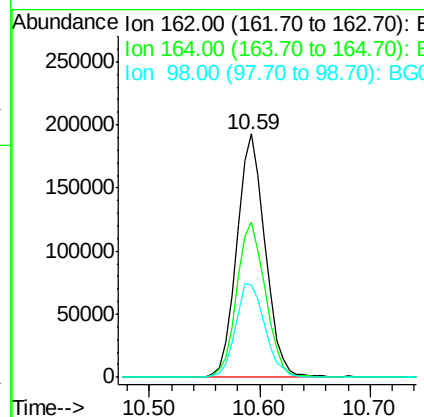
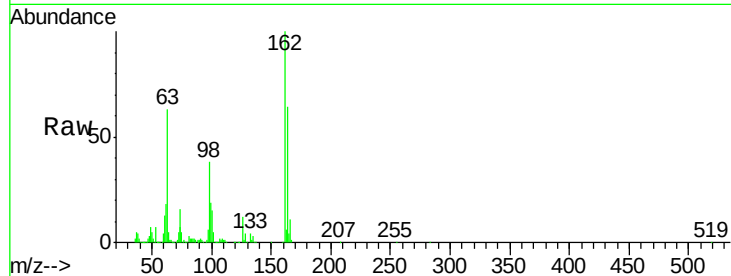
#29
 2,4-Dichlorophenol
 Concen: 50.86 ng
 RT: 10.59 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: BG023735.D
 Acq: 16 Aug 2016 19:56

Instrument :
 BNA_G
 ClientSampleId :
 PB92660BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.5	44.3	84.3
98	38.2	19.5	59.5

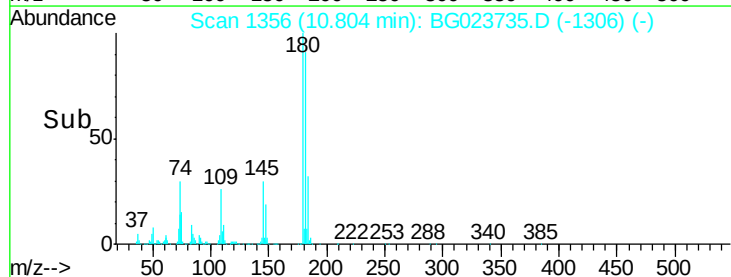
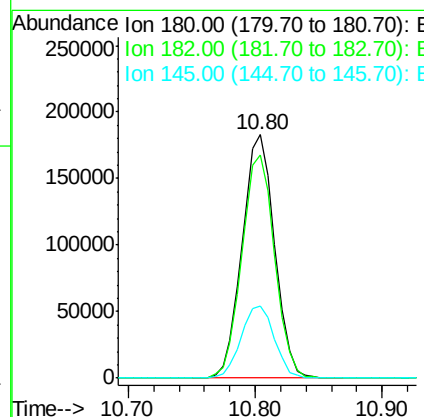
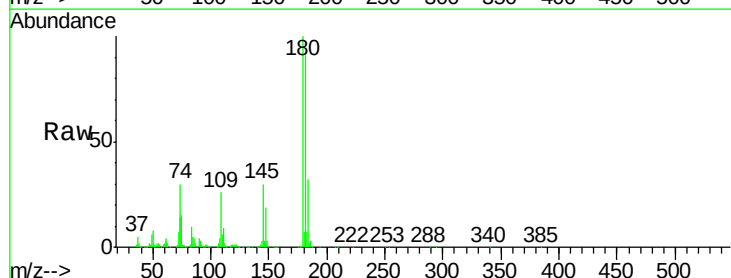
Manual Integrations
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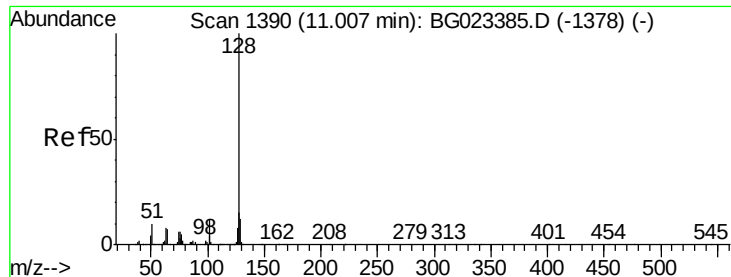
umangi
 8/17/2016 3:10:45 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 43.93 ng
 RT: 10.80 min Scan# 1356
 Delta R.T. -0.01 min
 Lab File: BG023735.D
 Acq: 16 Aug 2016 19:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	91.4	73.8	110.8
145	29.8	24.4	36.6





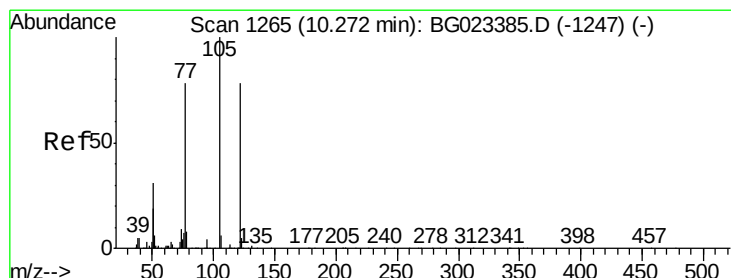
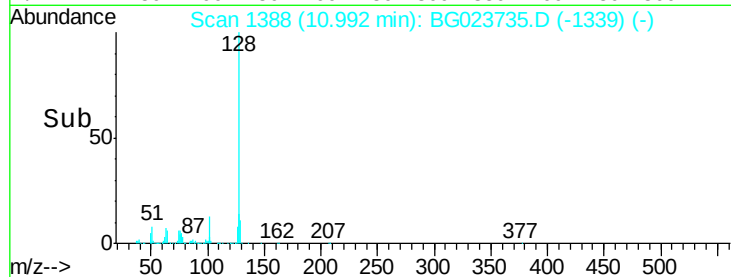
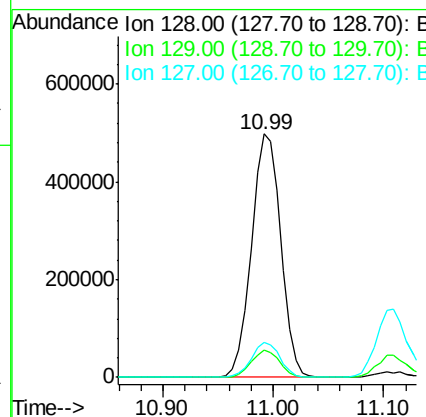
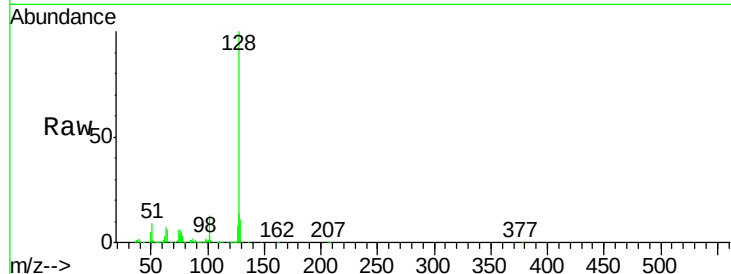
#31
Naphthalene
Concen: 42.86 ng
RT: 10.99 min Scan# 1388
Delta R.T. -0.02 min
Lab File: BG023735.D
Acq: 16 Aug 2016 19:56

Instrument :
BNA_G
ClientSampleId :
PB92660BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	925398		
129	11.1		9.4	14.0
127	14.1		11.3	16.9

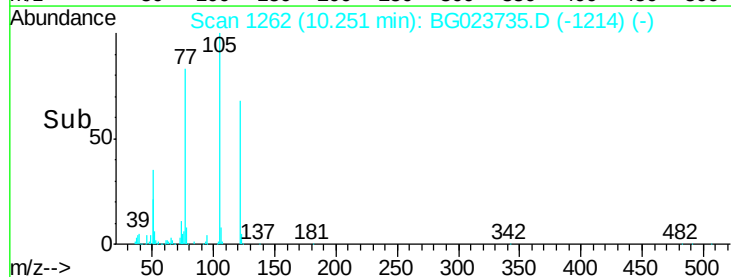
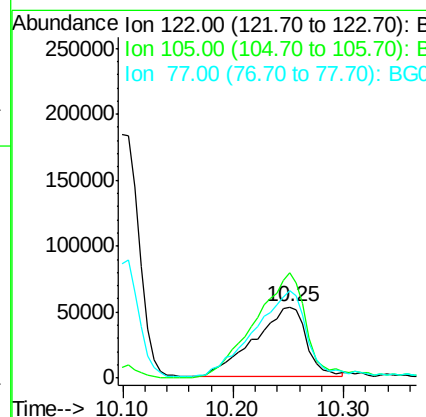
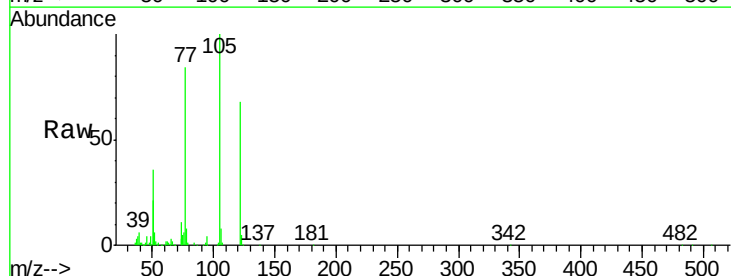
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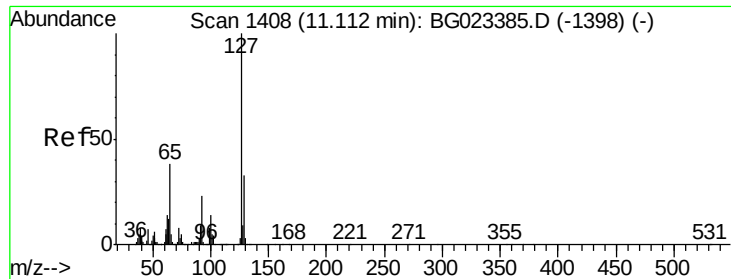
umangi
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#32
Benzoic acid
Concen: 30.40 ng
RT: 10.25 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BG023735.D
Acq: 16 Aug 2016 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	172896		
105	147.3		117.2	157.2
77	123.3		109.2	149.2





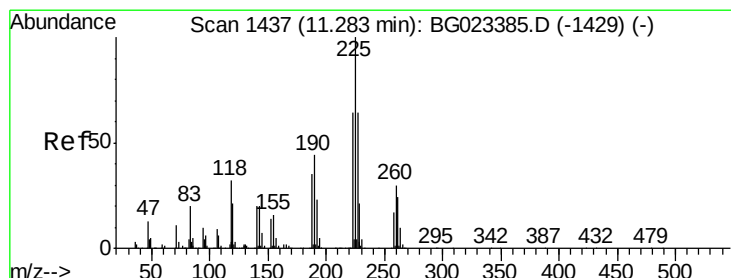
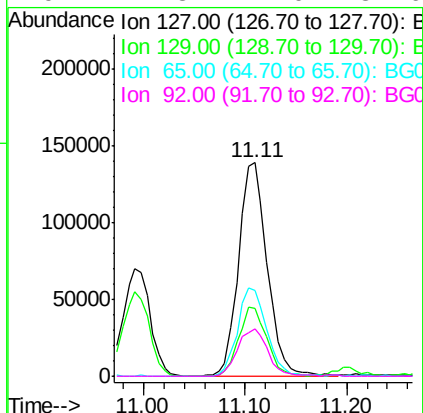
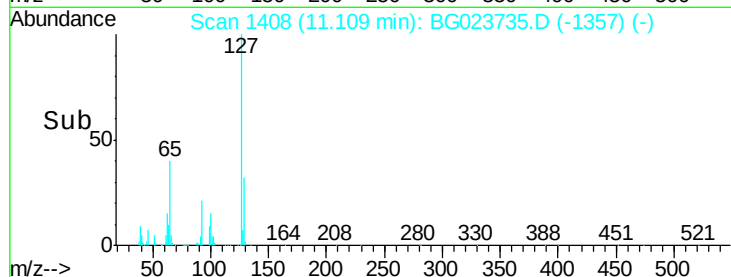
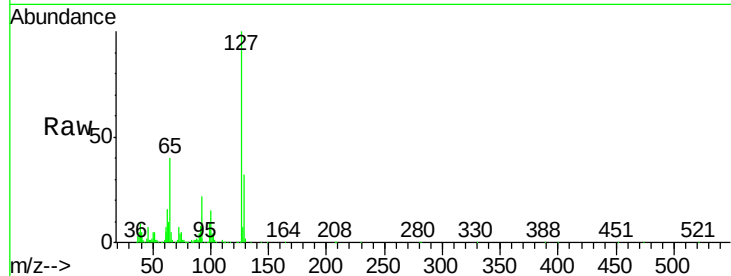
#33
4-Chloroaniline
Concen: 26.29 ng
RT: 11.11 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BG023735.D
Acq: 16 Aug 2016 19:56

Instrument :
BNA_G
ClientSampleId :
PB92660BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	271335		
129	32.0	27.9	41.9	
65	40.4	36.8	55.2	
92	22.3	21.0	31.6	

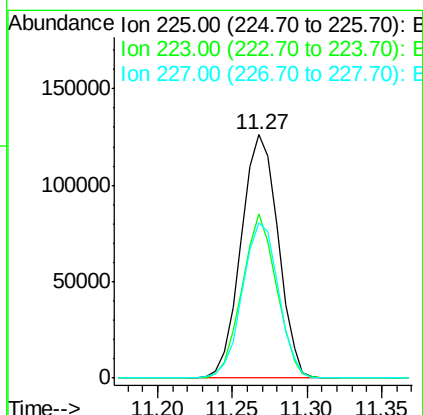
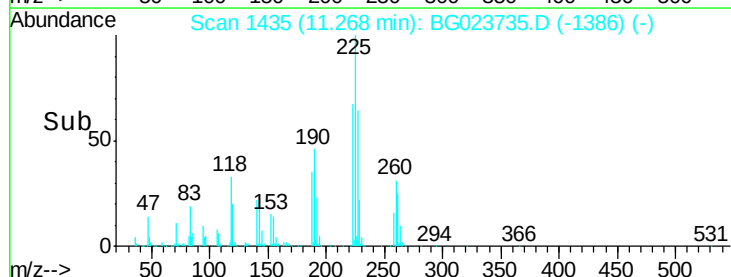
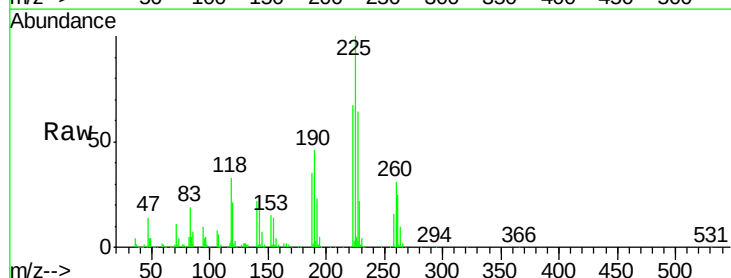
Manual Integrations
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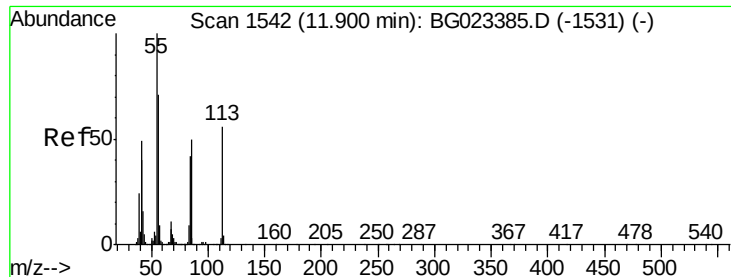
umangi
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#34
Hexachlorobutadiene
Concen: 44.70 ng
RT: 11.27 min Scan# 1435
Delta R.T. -0.02 min
Lab File: BG023735.D
Acq: 16 Aug 2016 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	216392		
223	67.4	49.6	74.4	
227	63.5	54.5	81.7	





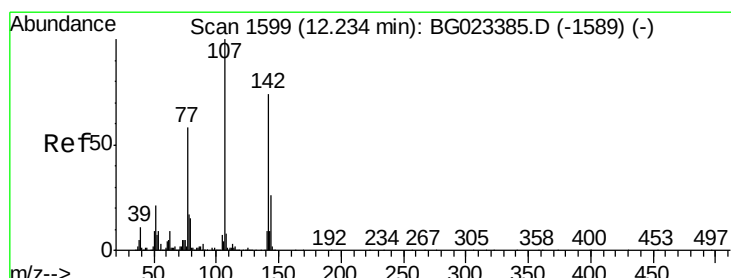
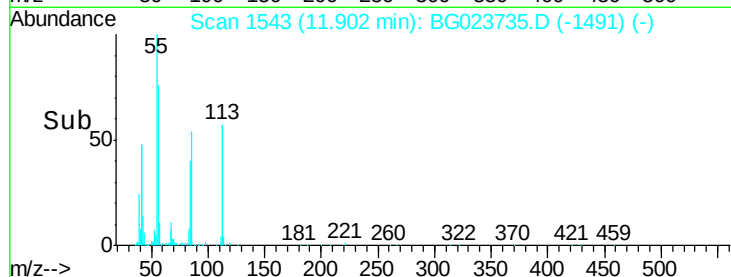
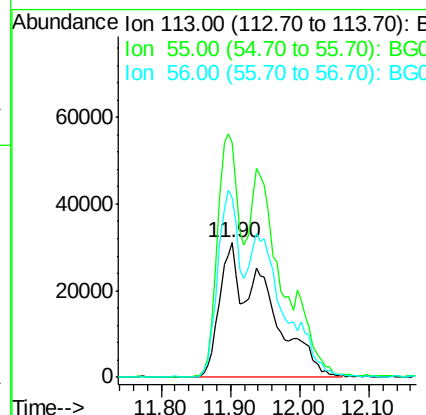
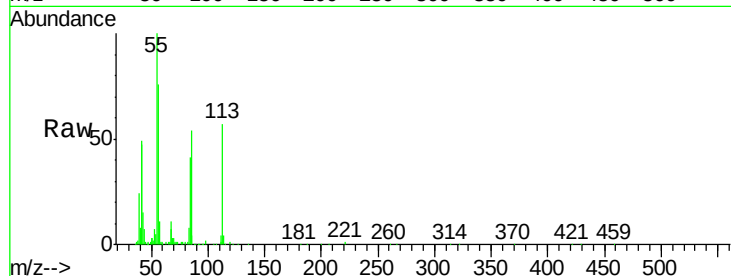
#35
 Caprolactam
 Concen: 51.66 ng m
 RT: 11.90 min Scan# 1543
 Delta R.T. 0.00 min
 Lab File: BG023735.D
 Acq: 16 Aug 2016 19:56

Instrument :
 BNA_G
 ClientSampleId :
 PB92660BS

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	148330		
55	175.0	154.5	194.5	
56	133.5	125.1	165.1	

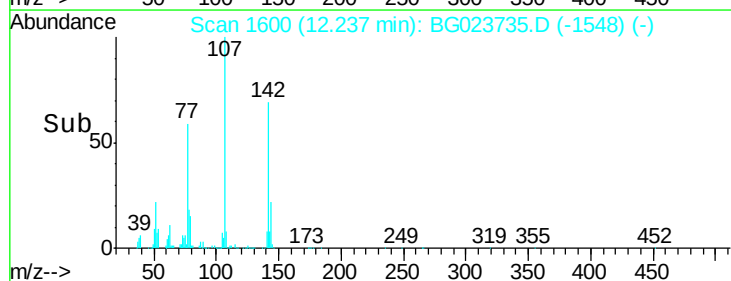
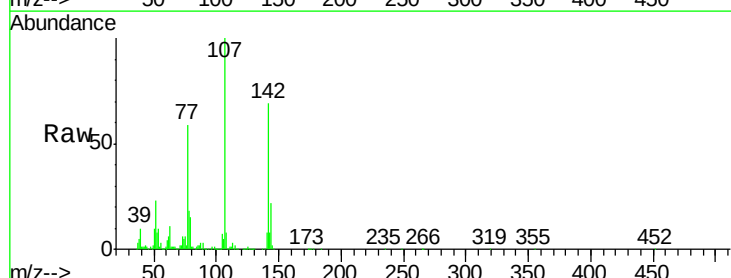
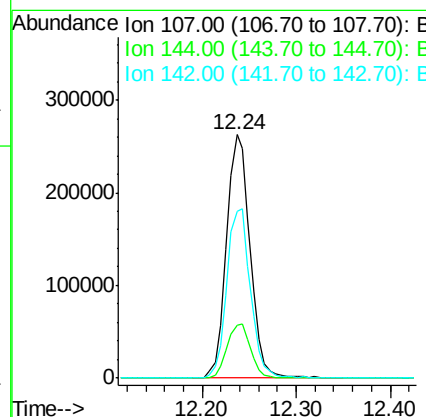
Manual Integrations
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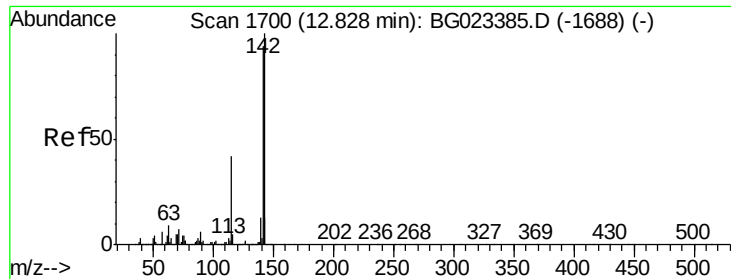
umangi
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#36
 4-Chloro-3-methylphenol
 Concen: 51.08 ng
 RT: 12.24 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BG023735.D
 Acq: 16 Aug 2016 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	457970		
144	21.9	17.0	25.6	
142	68.7	53.0	79.6	





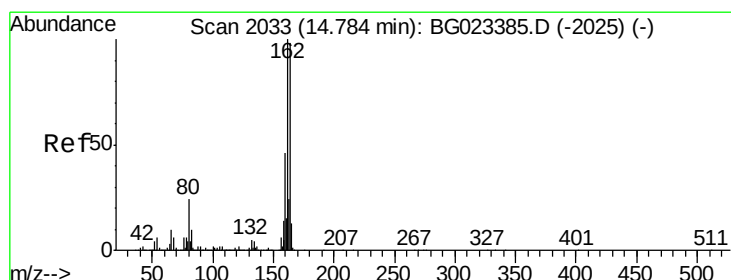
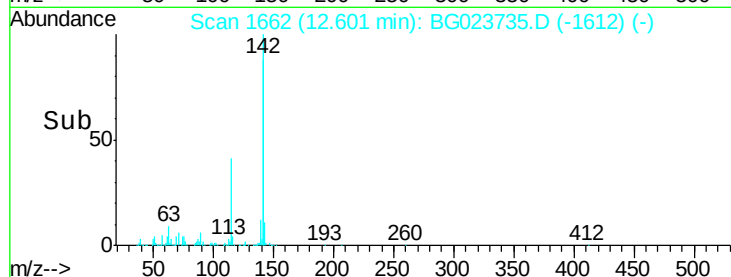
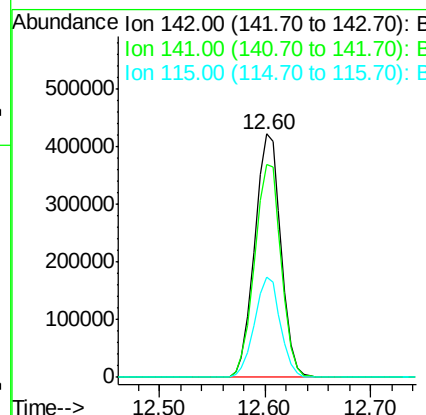
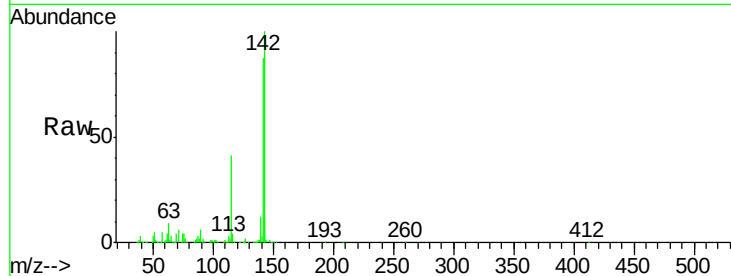
#37
 2-Methylnaphthalene
 Concen: 44.43 ng m
 RT: 12.60 min Scan# 1662
 Delta R.T. -0.01 min
 Lab File: BG023735.D
 Acq: 16 Aug 2016 19:56

Instrument :
 BNA_G
 ClientSampled :
 PB92660BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.4	70.2	105.2
115	41.4	41.7	62.5#

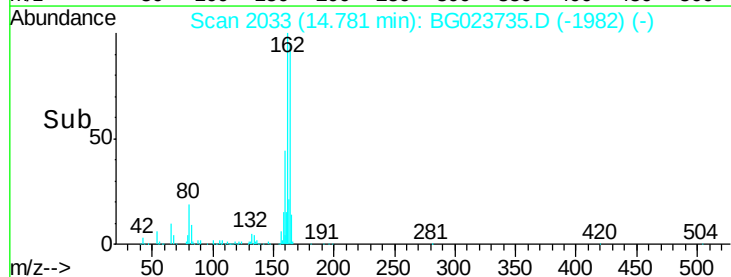
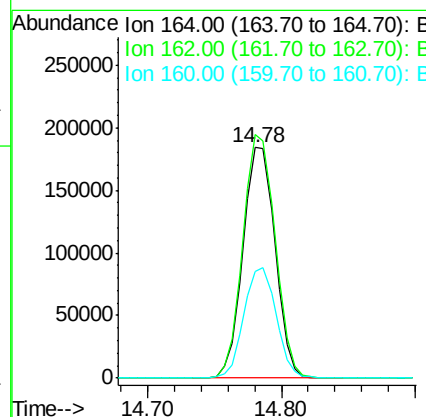
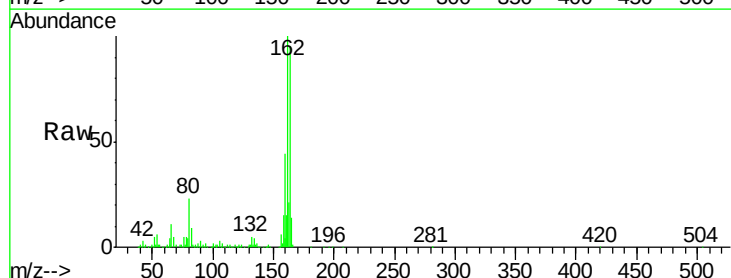
Manual Integrations
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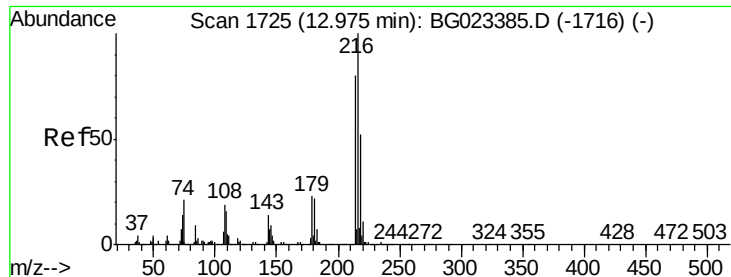
umangi
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.78 min Scan# 2033
 Delta R.T. -0.00 min
 Lab File: BG023735.D
 Acq: 16 Aug 2016 19:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.6	87.7	131.5
160	46.5	37.2	55.8





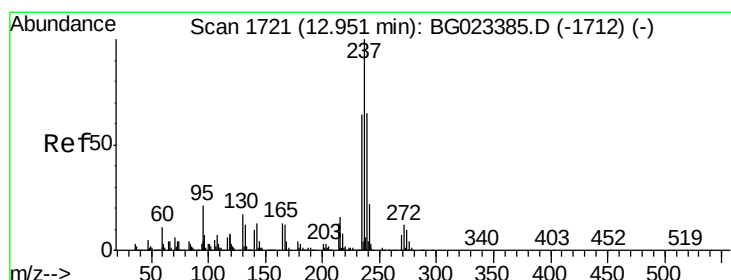
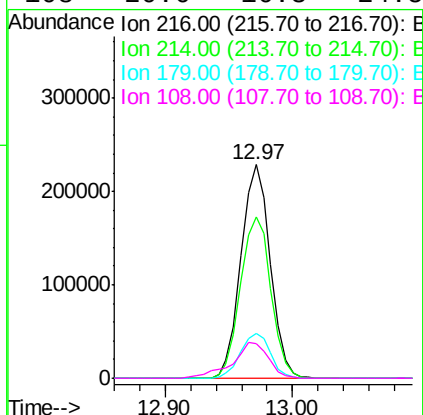
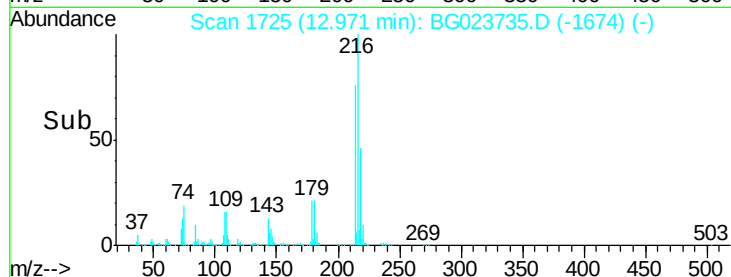
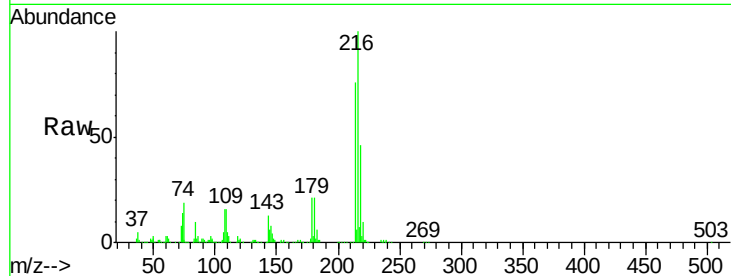
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.98 ng
 RT: 12.97 min Scan# 1725
 Delta R.T. -0.00 min
 Lab File: BG023735.D
 Acq: 16 Aug 2016 19:56

Instrument :
 BNA_G
 ClientSampleId :
 PB92660BS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	366268		
214	78.5	62.9	94.3	
179	21.8	17.2	25.8	
108	20.6	16.3	24.5	

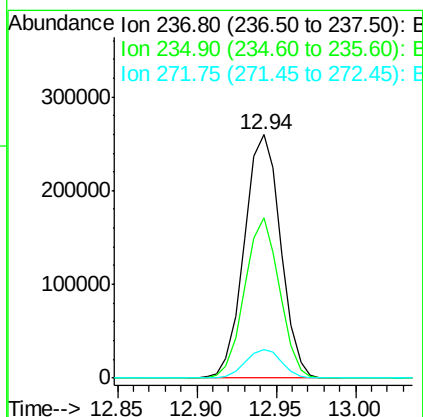
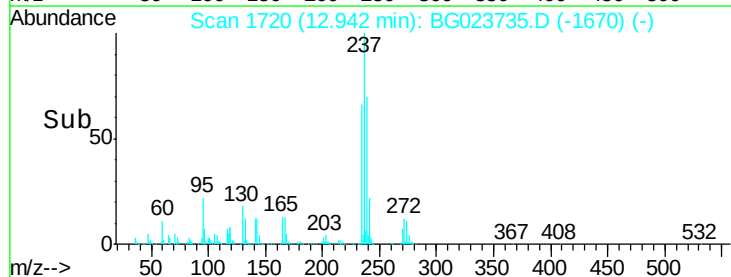
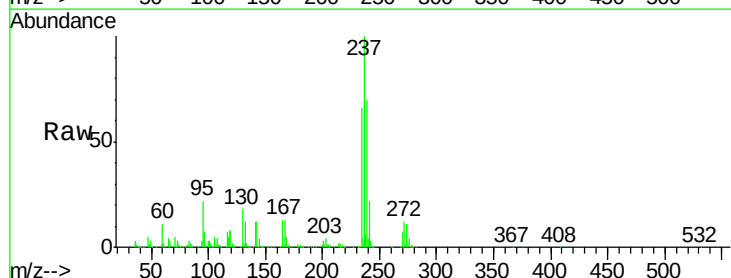
Manual Integrations
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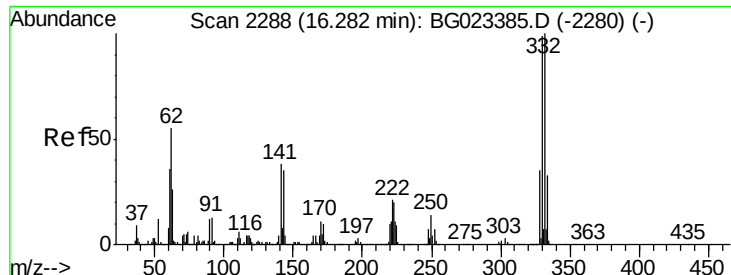
umangi
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#40
 Hexachlorocyclopentadiene
 Concen: 73.61 ng
 RT: 12.94 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BG023735.D
 Acq: 16 Aug 2016 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	412195		
235	65.8	43.1	83.1	
272	11.7	0.0	30.9	





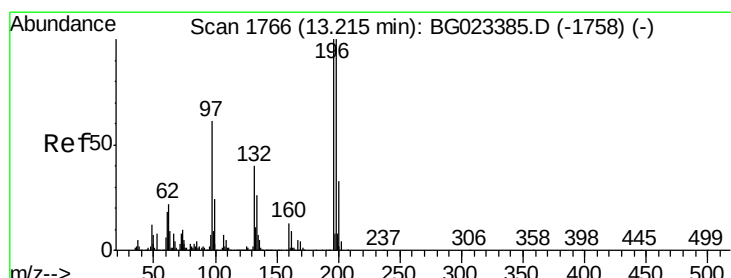
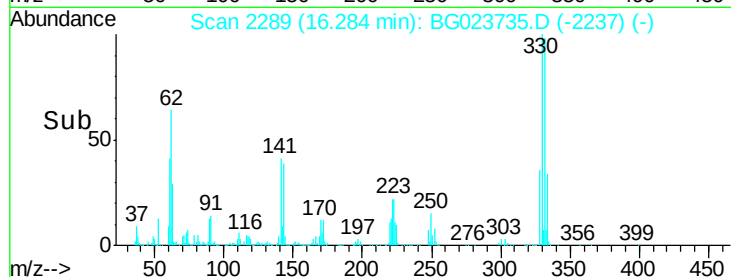
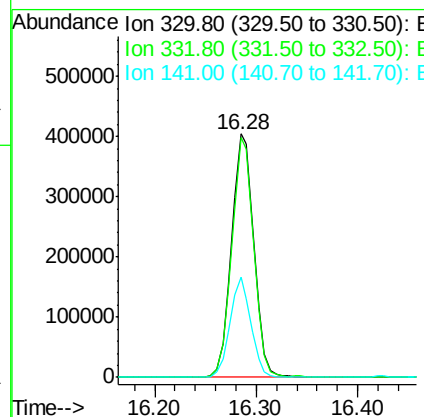
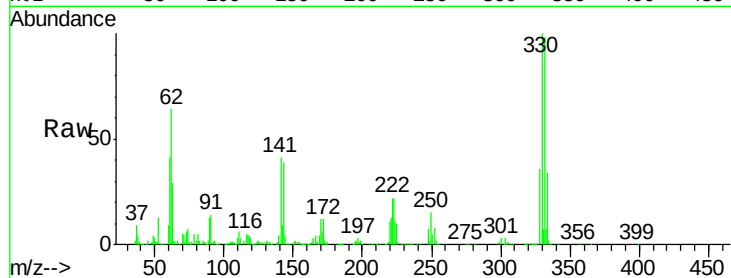
#41
 2,4,6-Tribromophenol
 Concen: 137.81 ng
 RT: 16.28 min Scan# 2289
 Delta R.T. 0.00 min
 Lab File: BG023735.D
 Acq: 16 Aug 2016 19:56

Instrument :
 BNA_G
 ClientSampled :
 PB92660BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	617248		
332	96.5	77.4	116.2	
141	38.4	31.7	47.5	

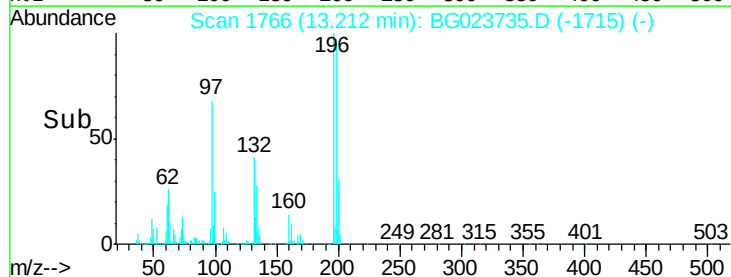
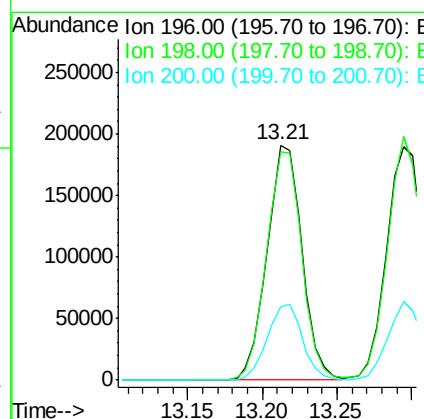
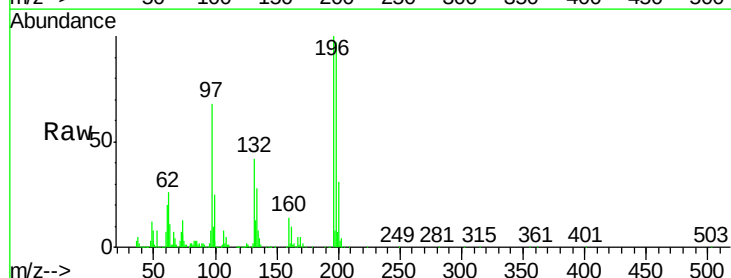
Manual Integrations
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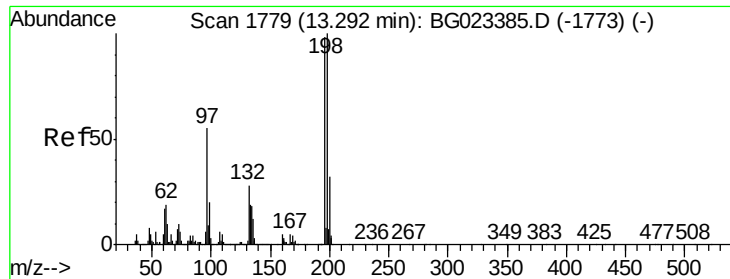
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#42
 2,4,6-Trichlorophenol
 Concen: 46.85 ng
 RT: 13.21 min Scan# 1766
 Delta R.T. -0.00 min
 Lab File: BG023735.D
 Acq: 16 Aug 2016 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	309876		
198	97.3	78.2	117.2	
200	31.0	27.0	40.4	





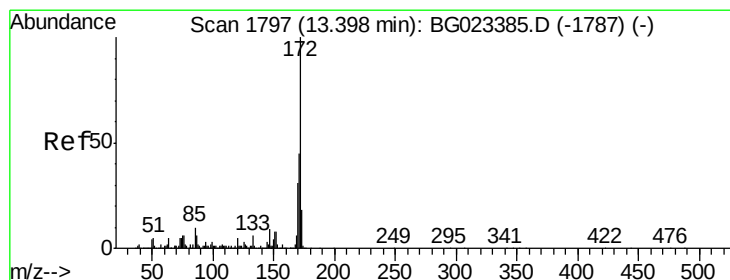
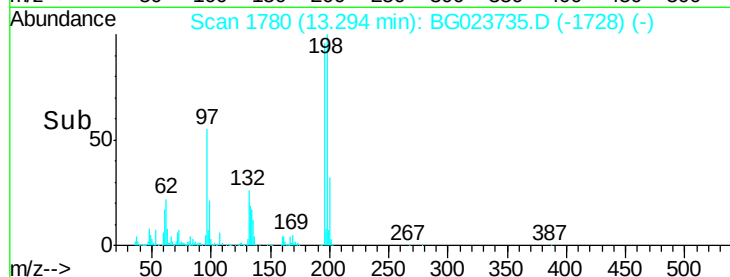
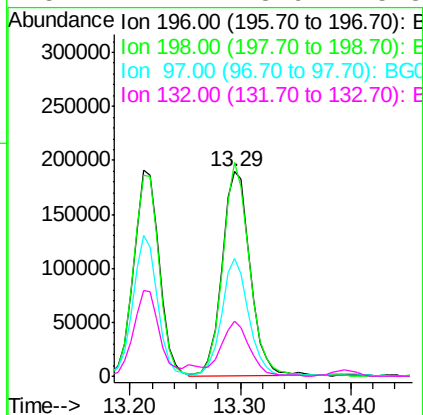
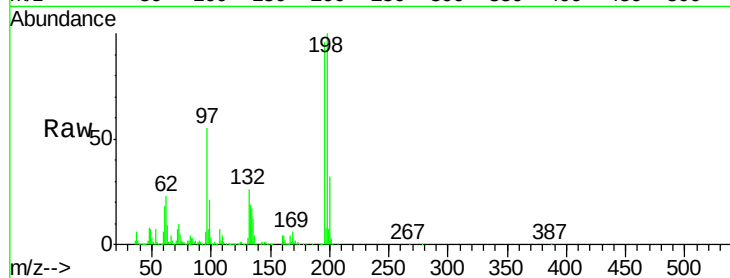
#43
 2,4,5-Trichlorophenol
 Concen: 49.50 ng
 RT: 13.29 min Scan# 1780
 Delta R.T. 0.00 min
 Lab File: BG023735.D
 Acq: 16 Aug 2016 19:56

Instrument :
 BNA_G
 ClientSampleId :
 PB92660BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	337062		
198	104.4	85.7	128.5	
97	57.7	45.5	68.3	
132	27.2	18.9	28.3	

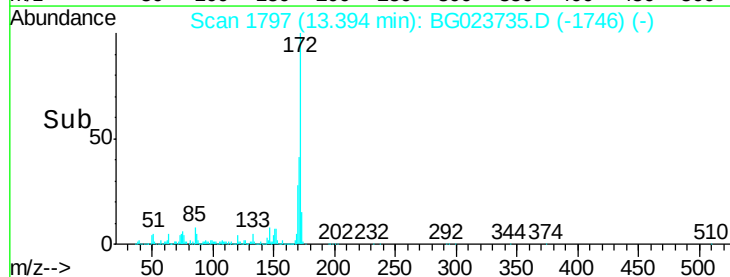
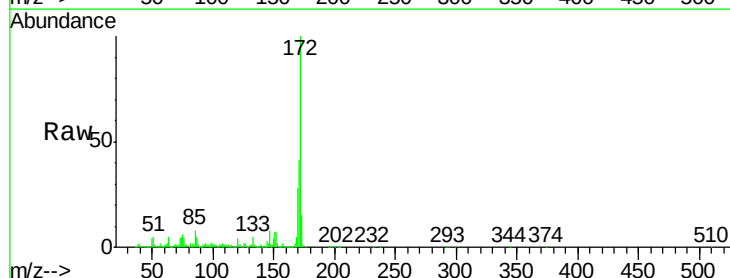
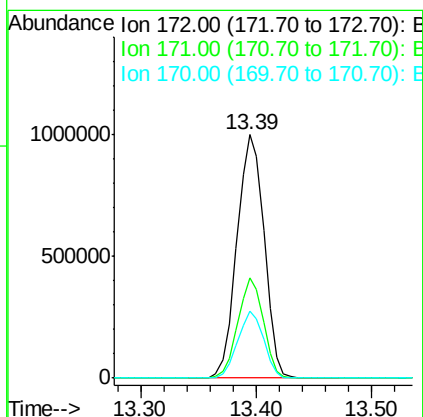
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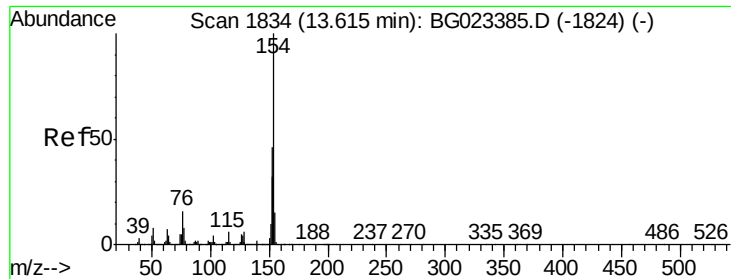
umangi
 8/17/2016 3:10:45 AM



#44
 2-Fluorobiphenyl
 Concen: 89.39 ng
 RT: 13.39 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: BG023735.D
 Acq: 16 Aug 2016 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1622766		
171	41.4	31.6	47.4	
170	27.5	21.3	31.9	





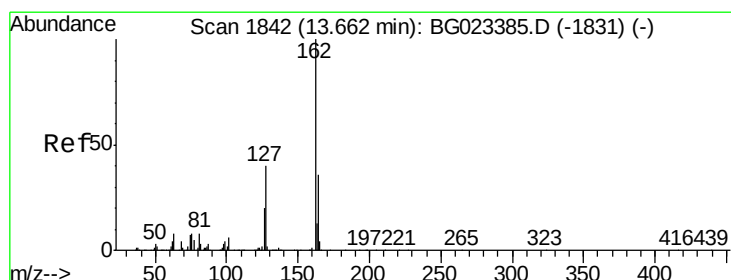
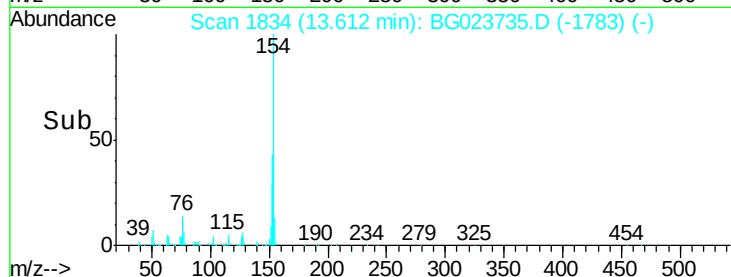
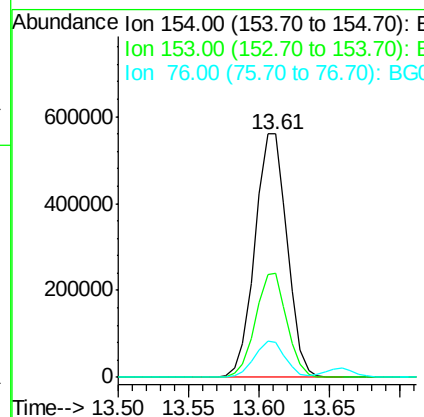
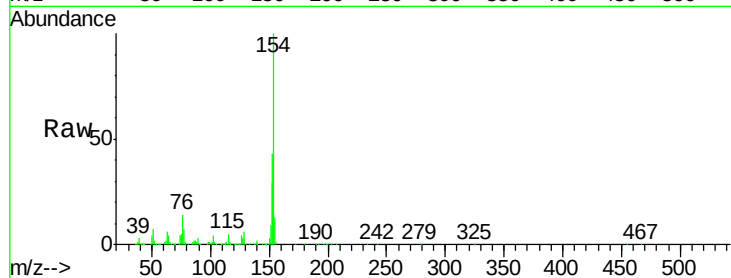
#45
 1,1'-Biphenyl
 Concen: 38.35 ng
 RT: 13.61 min Scan# 1834
 Delta R.T. -0.00 min
 Lab File: BG023735.D
 Acq: 16 Aug 2016 19:56

Instrument :
 BNA_G
 ClientSampleId :
 PB92660BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	897625		
153	42.9	20.2	60.2	
76	14.3	0.0	32.9	

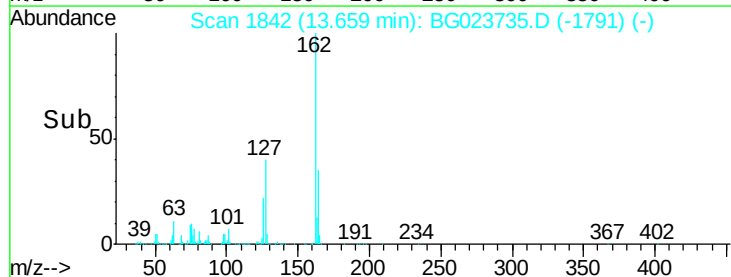
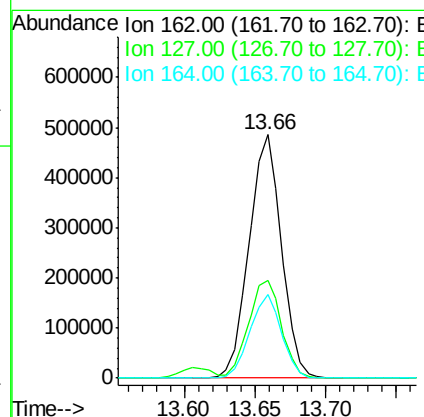
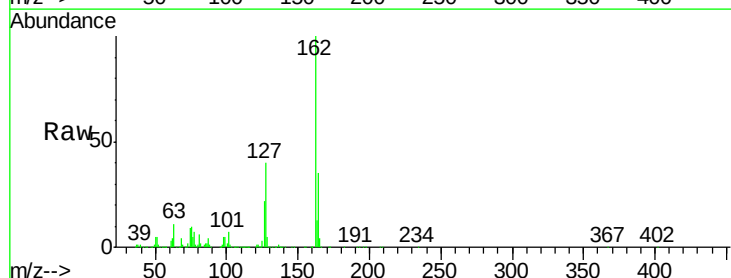
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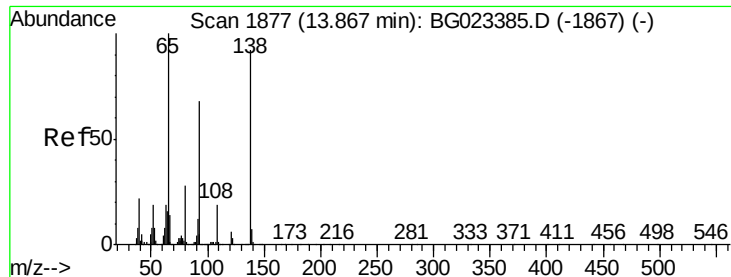
umangi
 8/17/2016 3:10:45 AM



#46
 2-Chloronaphthalene
 Concen: 42.99 ng
 RT: 13.66 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG023735.D
 Acq: 16 Aug 2016 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	778523		
127	40.1	32.4	48.6	
164	34.5	25.2	37.8	





#47

2-Nitroaniline

Concen: 48.99 ng

RT: 13.87 min Scan# 1878

Delta R.T. 0.00 min

Lab File: BG023735.D

Acq: 16 Aug 2016 19:56

Instrument :

BNA_G

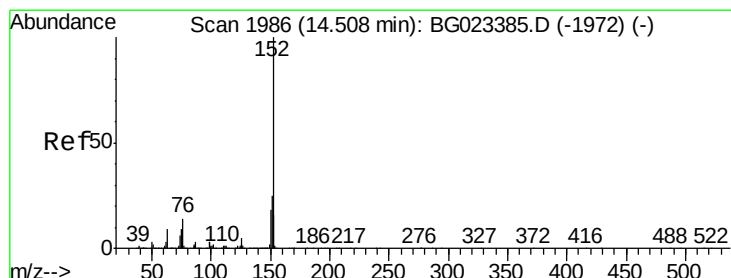
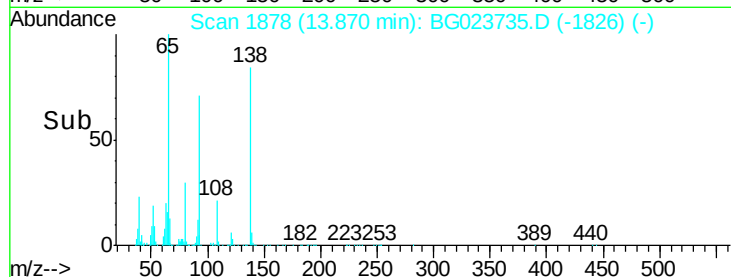
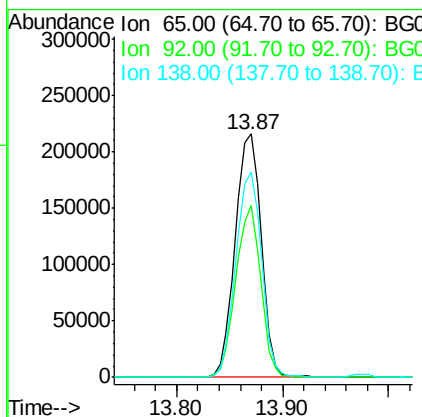
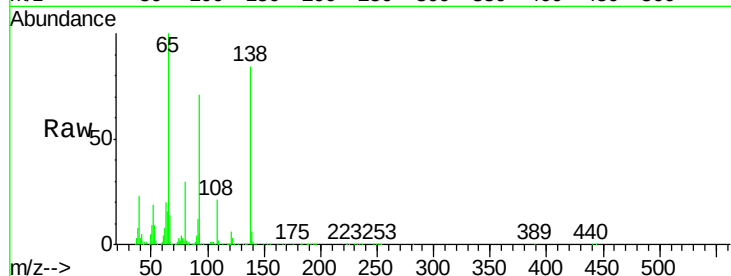
ClientSampleId :

PB92660BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.6	49.4	74.0
138	84.4	58.0	87.0

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#48

Acenaphthylene

Concen: 44.80 ng

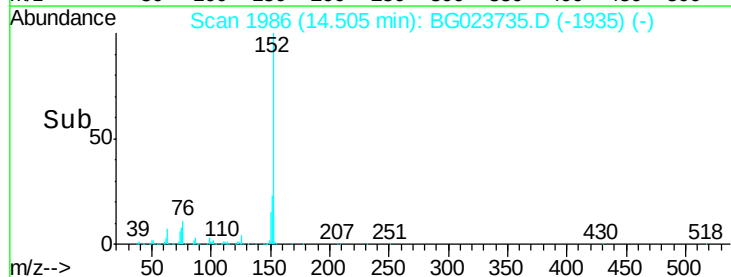
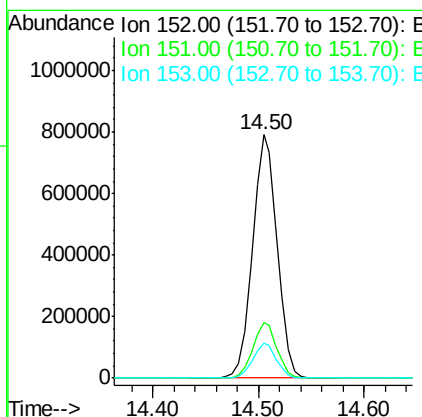
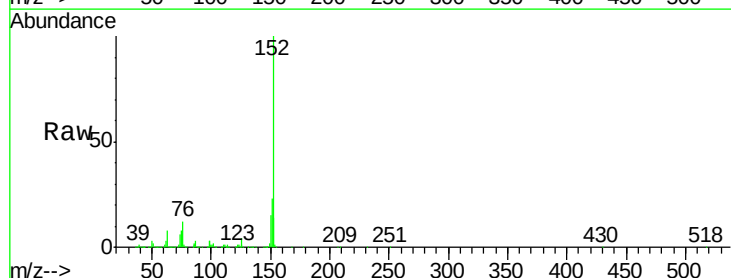
RT: 14.50 min Scan# 1986

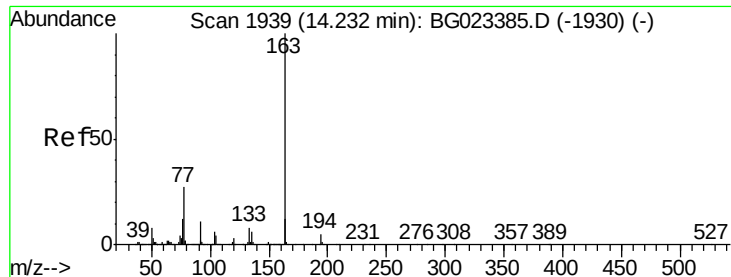
Delta R.T. -0.00 min

Lab File: BG023735.D

Acq: 16 Aug 2016 19:56

Tgt Ion	Ratio	Lower	Upper
152	100		
151	23.0	17.6	26.4
153	14.3	11.4	17.2





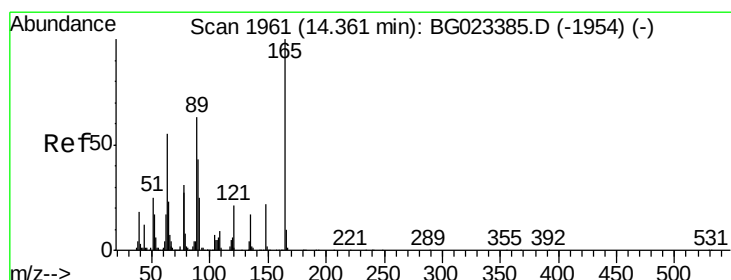
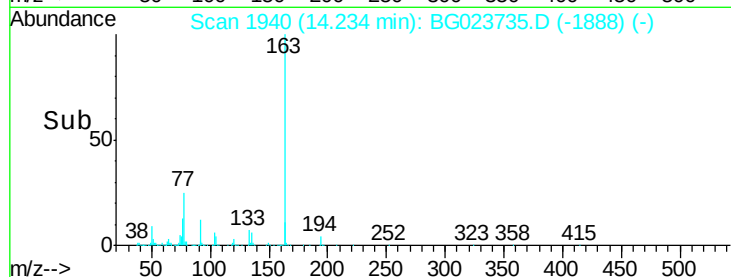
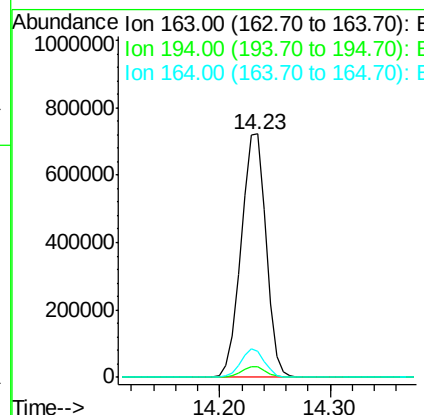
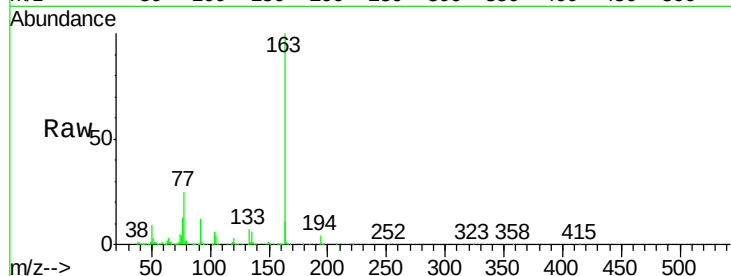
#49
Dimethylphthalate
Concen: 48.92 ng
RT: 14.23 min Scan# 1940
Delta R.T. 0.00 min
Lab File: BG023735.D
Acq: 16 Aug 2016 19:56

Instrument :
BNA_G
ClientSampleId :
PB92660BS

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.6	5.4
164	10.6	8.1	12.1

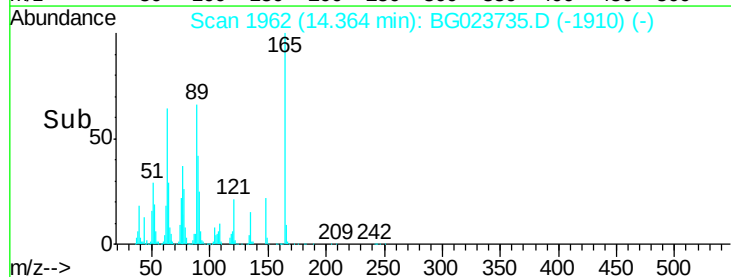
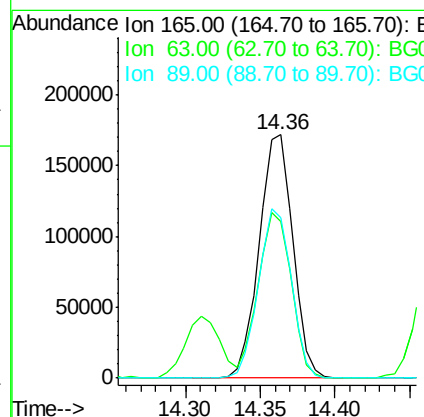
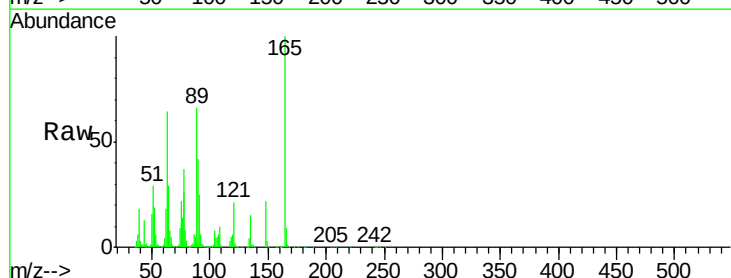
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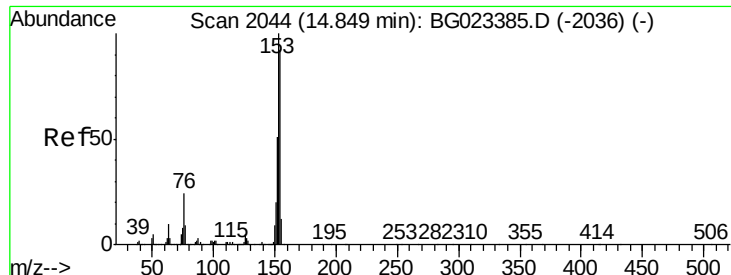
umangi
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#50
2,6-Dinitrotoluene
Concen: 47.89 ng
RT: 14.36 min Scan# 1962
Delta R.T. 0.00 min
Lab File: BG023735.D
Acq: 16 Aug 2016 19:56

Tgt Ion	Ratio	Lower	Upper
165	100		
63	64.5	64.3	96.5
89	65.7	64.3	96.5





#51

Acenaphthene

Concen: 44.25 ng

RT: 14.85 min Scan# 2044

Delta R.T. -0.00 min

Lab File: BG023735.D

Acq: 16 Aug 2016 19:56

Instrument :

BNA_G

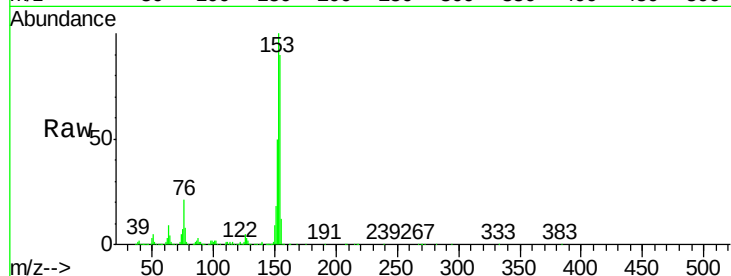
ClientSampleId :

PB92660BS

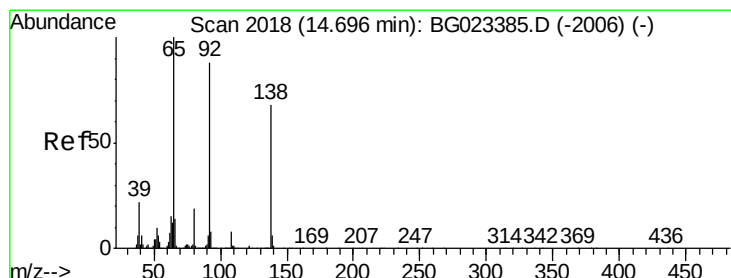
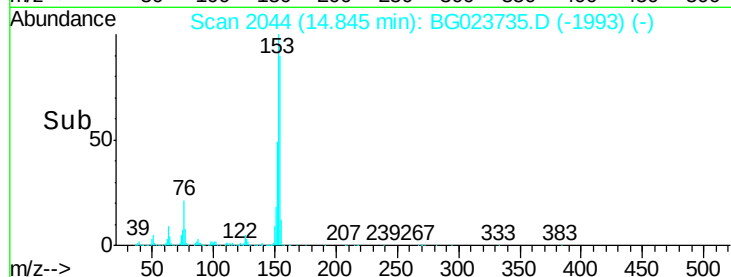
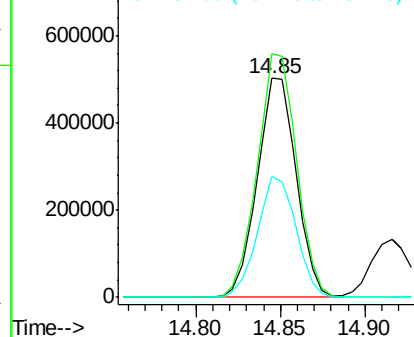
Tgt Ion:	154	Resp:	802465
Ion Ratio	Lower	Upper	
154	100		
153	111.2	87.5	131.3
152	55.3	42.7	64.1

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



#52

3-Nitroaniline

Concen: 34.37 ng

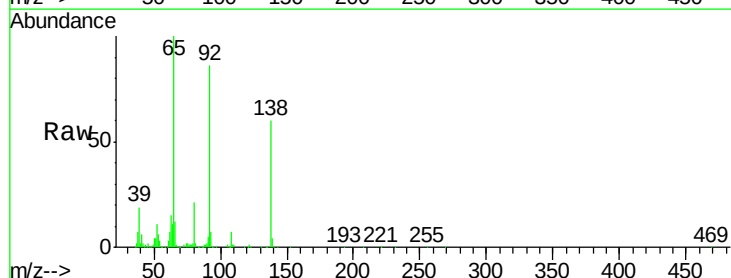
RT: 14.70 min Scan# 2019

Delta R.T. 0.00 min

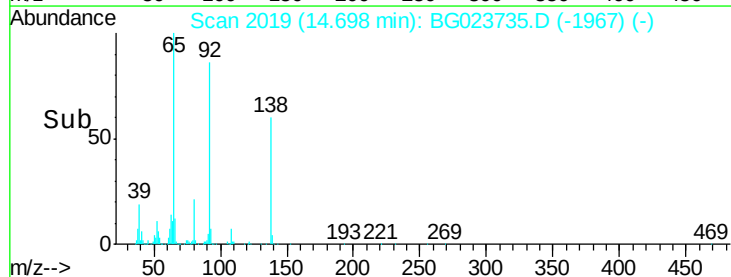
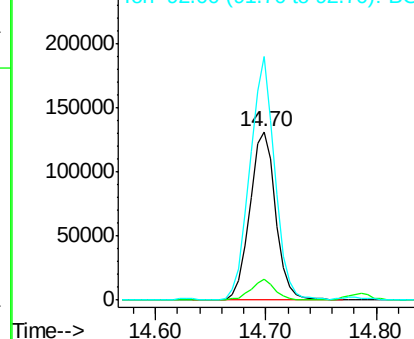
Lab File: BG023735.D

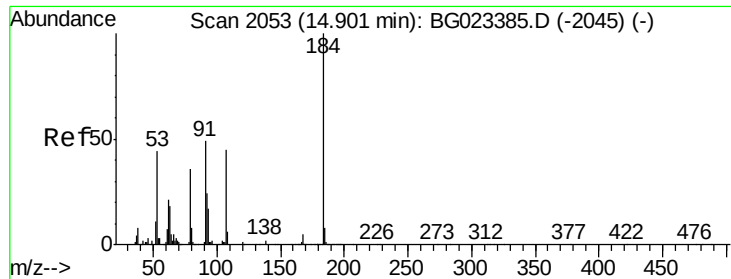
Acq: 16 Aug 2016 19:56

Tgt Ion:	138	Resp:	215622
Ion Ratio	Lower	Upper	
138	100		
108	12.2	11.7	17.5
92	144.5	129.7	194.5



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





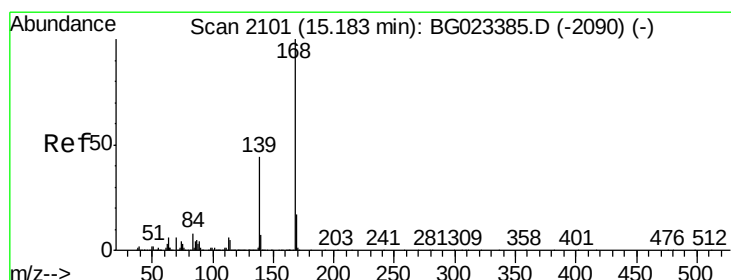
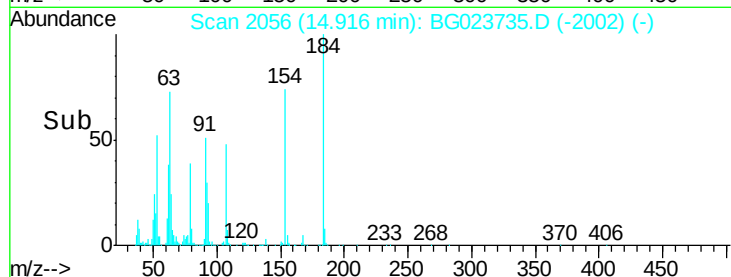
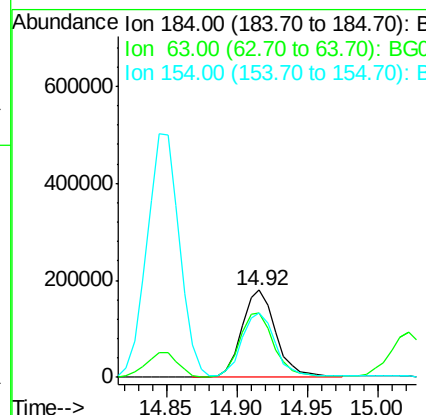
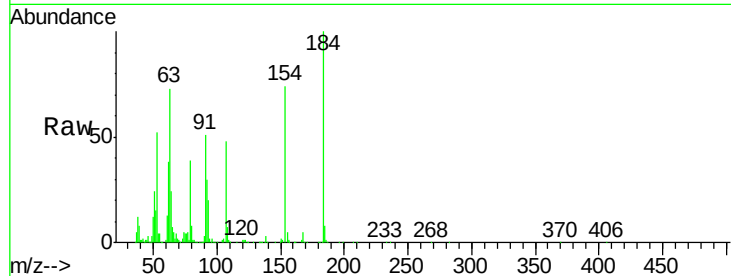
#53
2,4-Dinitrophenol
Concen: 85.29 ng
RT: 14.92 min Scan# 2056
Delta R.T. 0.01 min
Lab File: BG023735.D
Acq: 16 Aug 2016 19:56

Instrument :
BNA_G
ClientSampleId :
PB92660BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	304175		
63	73.4	59.6	89.4	
154	73.6	67.4	101.0	

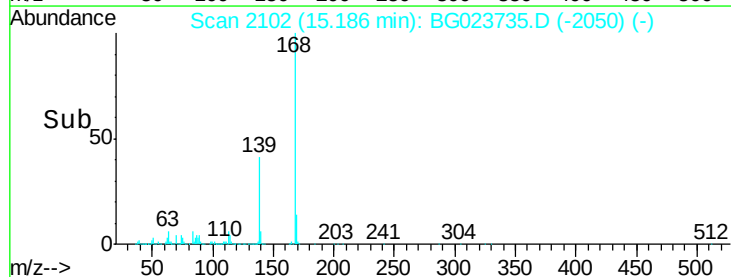
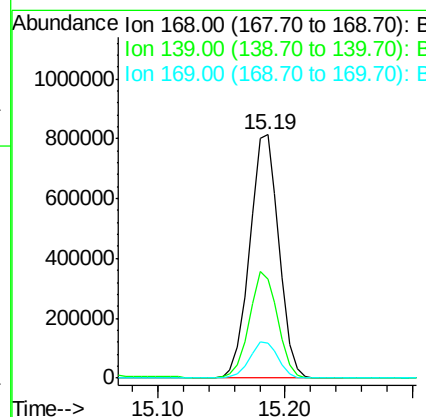
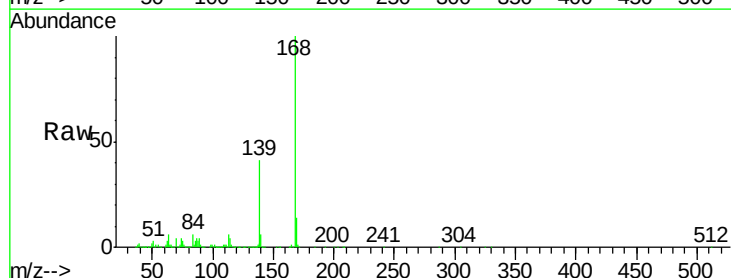
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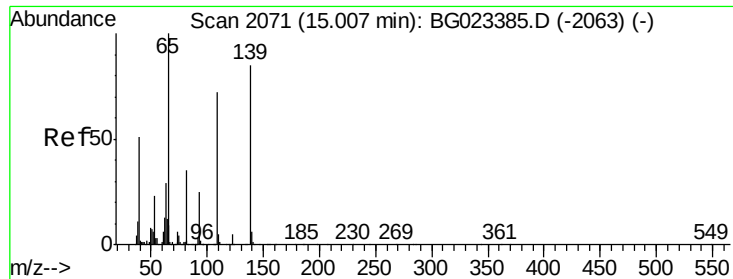
umangi
8/17/2016 3:10:45 AM



#54
Dibenzofuran
Concen: 49.23 ng
RT: 15.19 min Scan# 2102
Delta R.T. 0.00 min
Lab File: BG023735.D
Acq: 16 Aug 2016 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1296193		
139	40.7	36.4	54.6	
169	14.3	11.9	17.9	





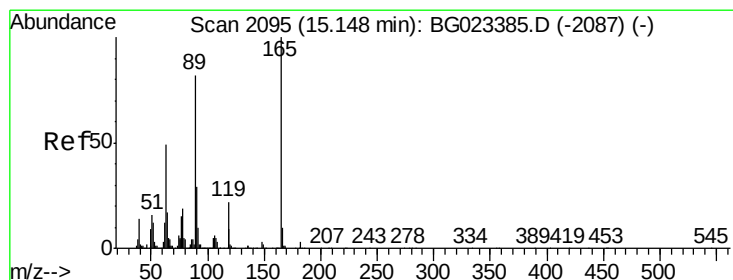
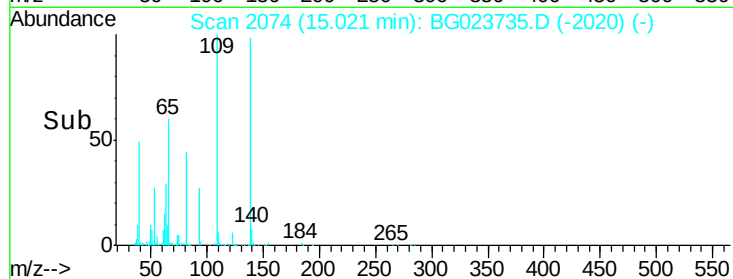
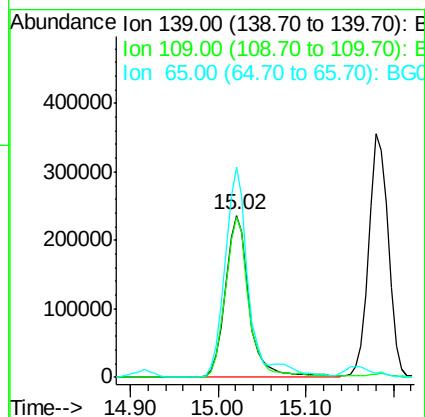
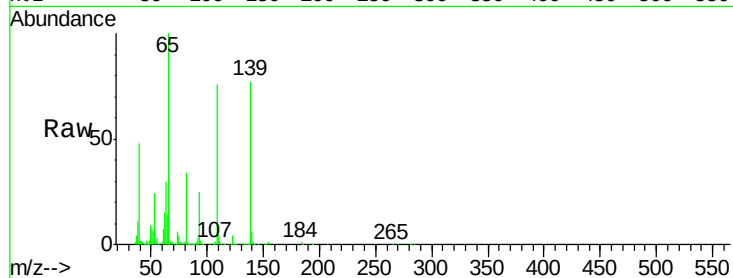
#55
4-Nitrophenol
Concen: 90.16 ng
RT: 15.02 min Scan# 2074
Delta R.T. 0.01 min
Lab File: BG023735.D
Acq: 16 Aug 2016 19:56

Instrument :
BNA_G
ClientSampleId :
PB92660BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	444250		
109	99.0	103.0	143.0	#
65	130.3	112.7	152.7	

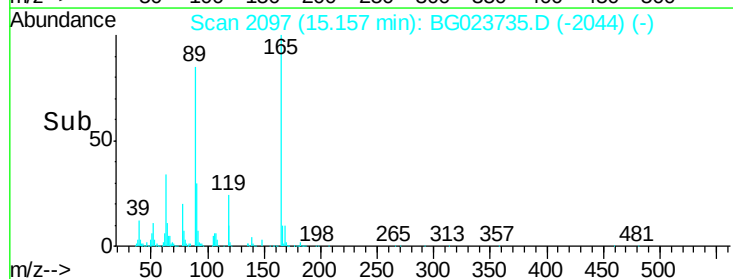
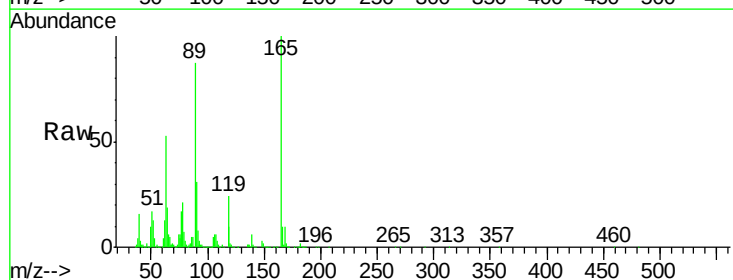
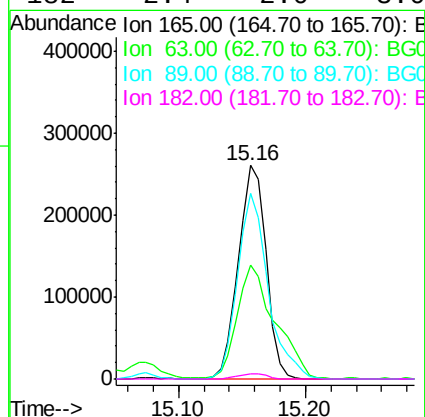
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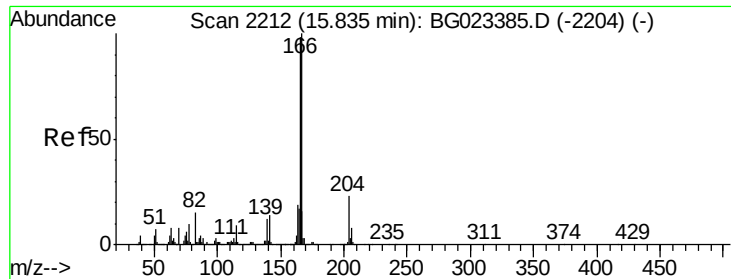
umangi
8/17/2016 3:10:45 AM



#56
2,4-Dinitrotoluene
Concen: 50.55 ng
RT: 15.16 min Scan# 2097
Delta R.T. 0.01 min
Lab File: BG023735.D
Acq: 16 Aug 2016 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	394696		
63	53.1	45.8	68.6	
89	87.1	68.6	102.8	
182	2.4	2.0	3.0	





#57

Fluorene

Concen: 47.29 ng

RT: 15.84 min Scan# 2213

Delta R.T. 0.00 min

Lab File: BG023735.D

Acq: 16 Aug 2016 19:56

Instrument :

BNA_G

ClientSampleId :

PB92660BS

Tgt Ion:166 Resp: 1086508

Ion Ratio Lower Upper

166 100

165 102.7 81.0 121.6

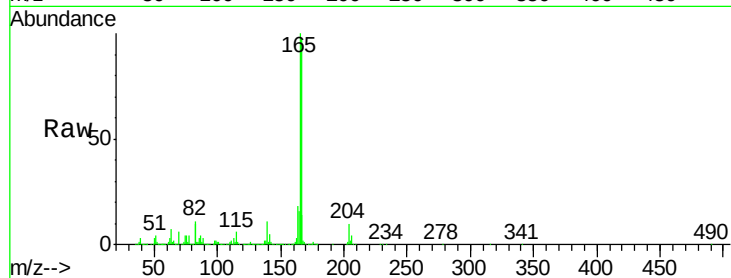
167 14.6 12.0 18.0

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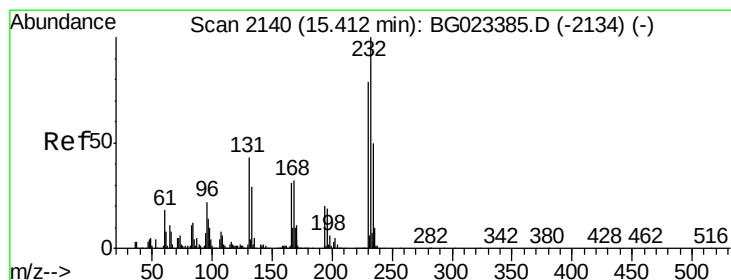
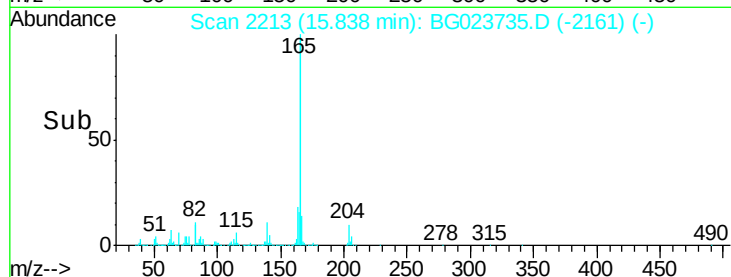
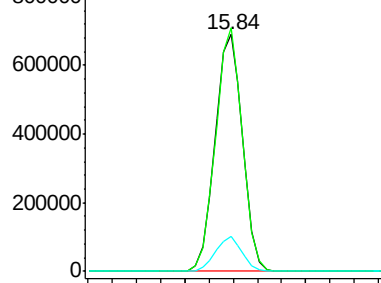
8/17/2016 3:10:45 AM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 55.06 ng

RT: 15.42 min Scan# 2141

Delta R.T. 0.00 min

Lab File: BG023735.D

Acq: 16 Aug 2016 19:56

Tgt Ion:232 Resp: 344063

Ion Ratio Lower Upper

232 100

131 43.3 32.7 49.1

130 2.6 2.6 3.8

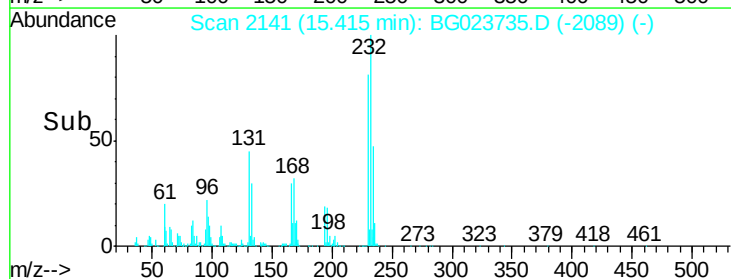
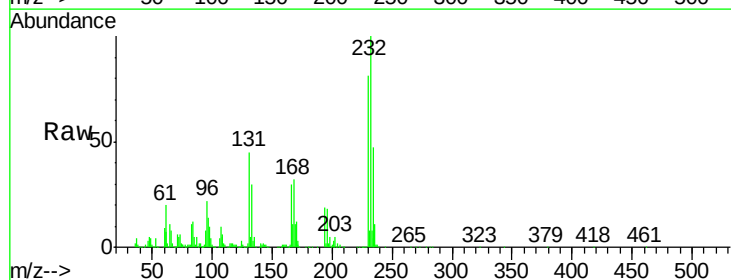
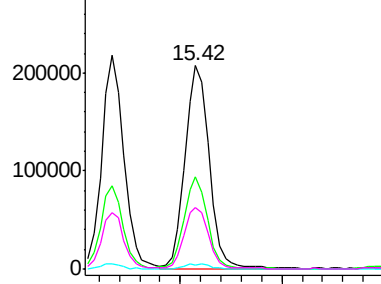
166 30.9 23.0 34.6

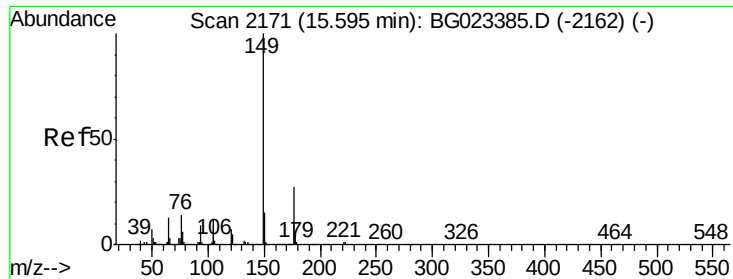
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





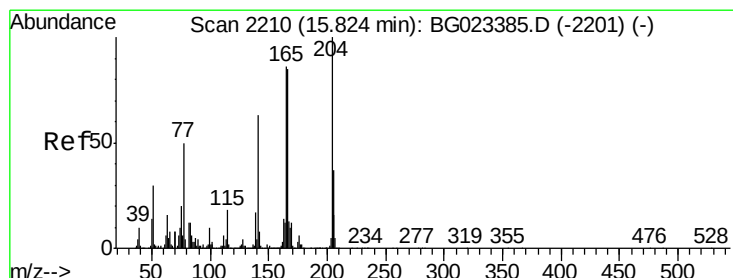
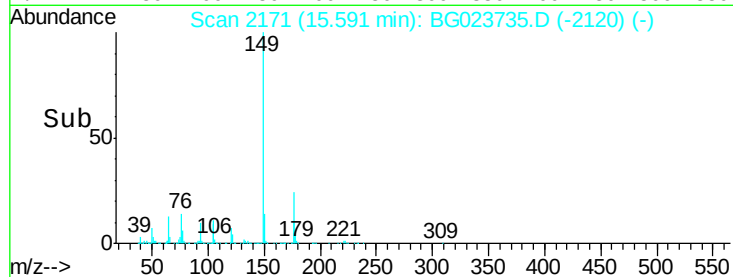
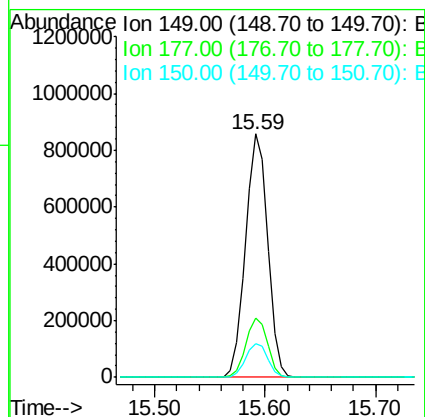
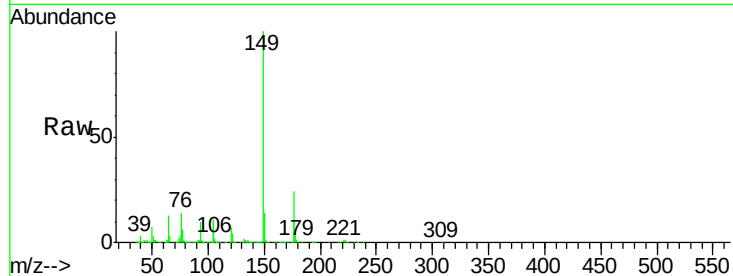
#59
 Diethylphthalate
 Concen: 50.70 ng
 RT: 15.59 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: BG023735.D
 Acq: 16 Aug 2016 19:56

Instrument :
 BNA_G
 ClientSampleId :
 PB92660BS

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.3	19.2	28.8
150	13.6	10.6	16.0

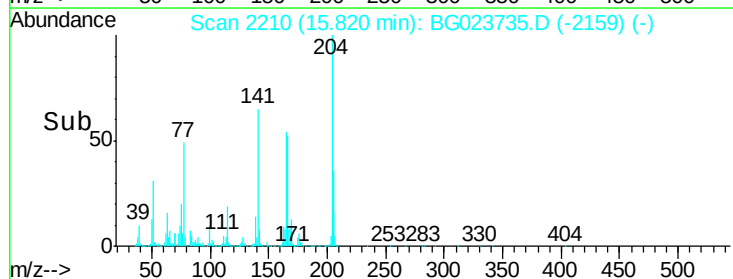
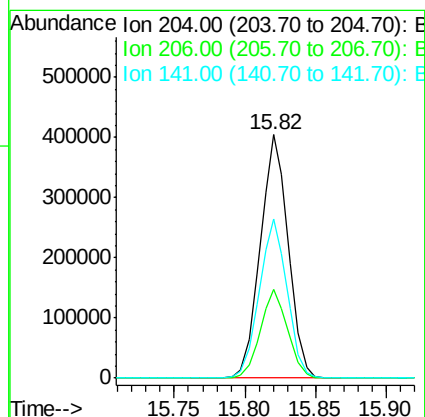
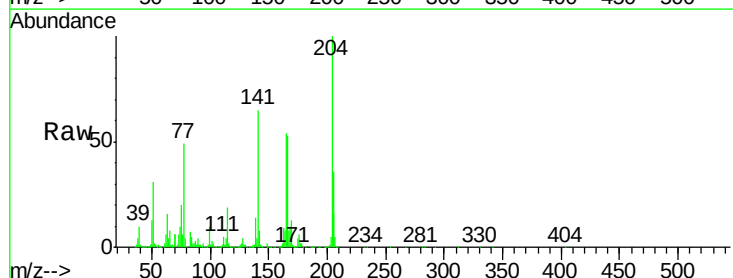
Manual Integrations
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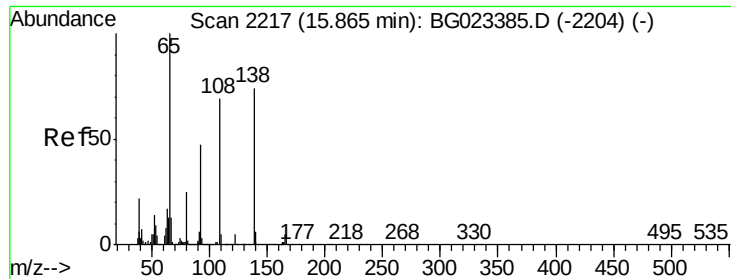
umangi
 8/17/2016 3:10:45 AM



#60
 4-Chlorophenyl-phenylether
 Concen: 46.23 ng
 RT: 15.82 min Scan# 2210
 Delta R.T. -0.00 min
 Lab File: BG023735.D
 Acq: 16 Aug 2016 19:56

Tgt Ion	Ratio	Lower	Upper
204	100		
206	36.2	28.5	42.7
141	65.2	51.4	77.0





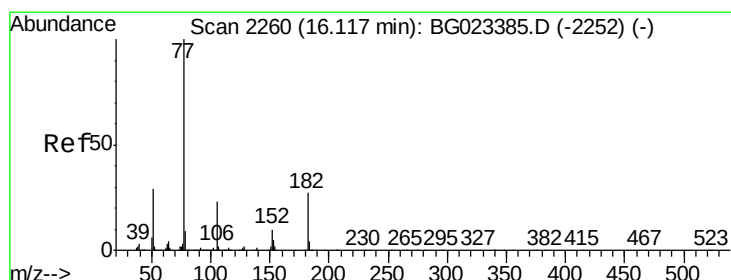
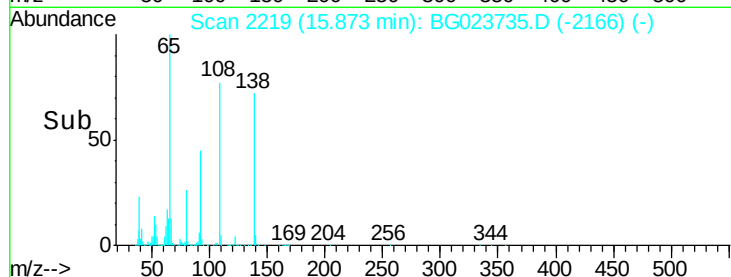
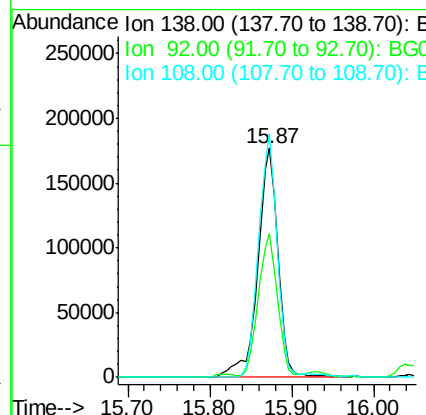
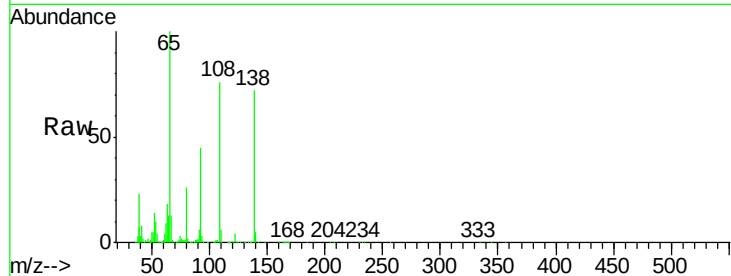
#61
4-Nitroaniline
Concen: 45.64 ng
RT: 15.87 min Scan# 2219
Delta R.T. 0.01 min
Lab File: BG023735.D
Acq: 16 Aug 2016 19:56

Instrument :
BNA_G
ClientSampleId :
PB92660BS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	62.8	54.1	94.1
108	106.3	133.9	173.9#

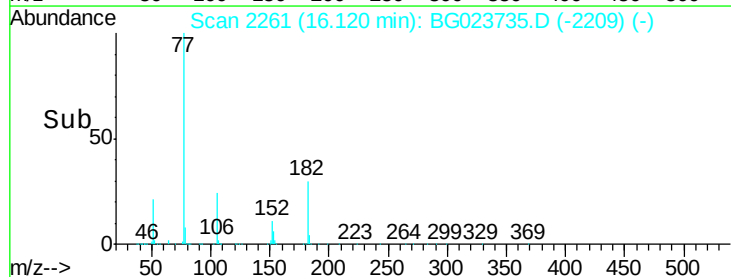
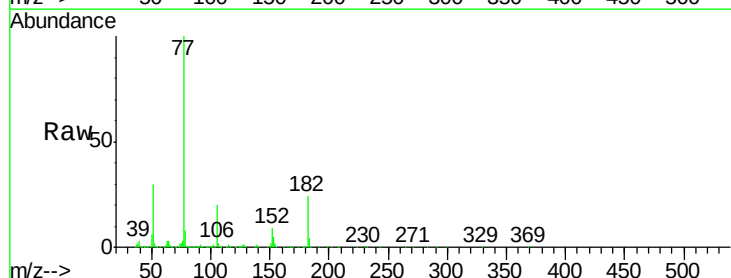
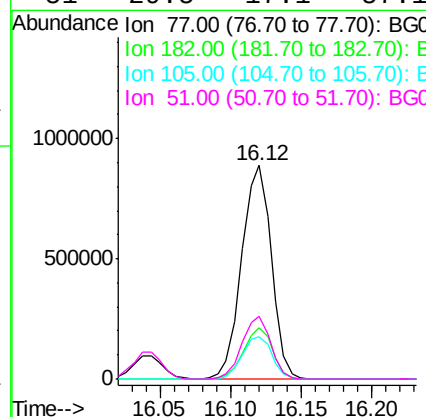
Manual Integrations
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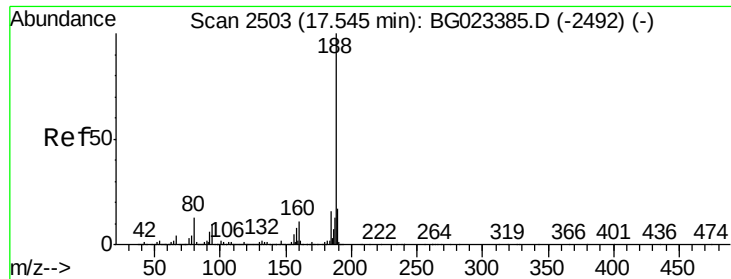
umangi
8/17/2016 3:10:45 AM



#62
Azobenzene
Concen: 53.84 ng
RT: 16.12 min Scan# 2261
Delta R.T. 0.00 min
Lab File: BG023735.D
Acq: 16 Aug 2016 19:56

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.1	3.5	43.5
105	19.9	0.0	38.5
51	29.5	17.1	57.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.55 min Scan# 2504

Delta R.T. 0.00 min

Lab File: BG023735.D

Acq: 16 Aug 2016 19:56

Instrument :

BNA_G

ClientSampleId :

PB92660BS

Tgt Ion:188 Resp: 777589

Ion Ratio Lower Upper

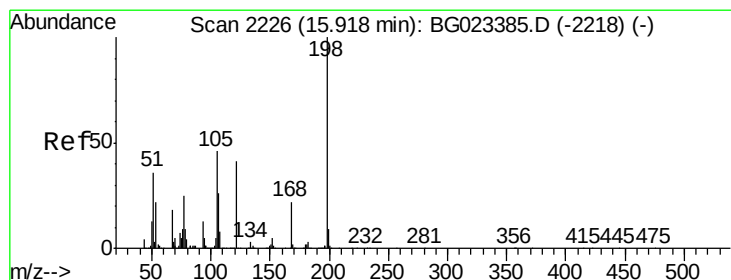
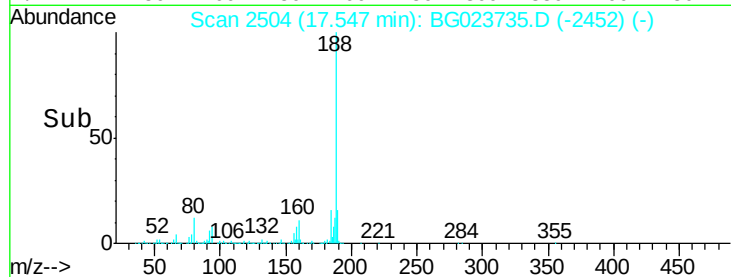
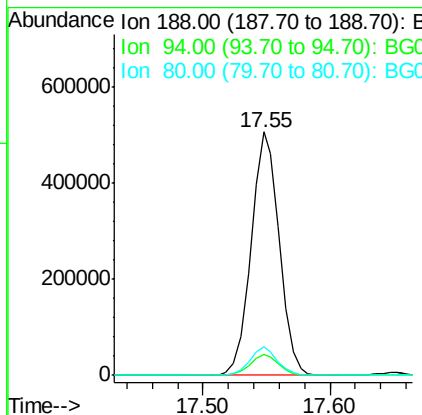
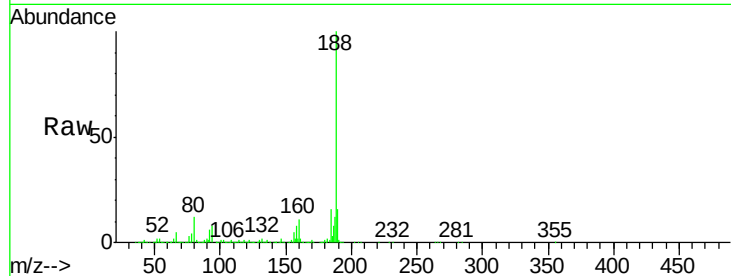
188 100

94 8.4 5.2 7.8#

80 11.7 7.2 10.8#

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8/17/2016 3:10:45 AM



#64

4,6-Dinitro-2-methylphenol

Concen: 44.05 ng

RT: 15.93 min Scan# 2229

Delta R.T. 0.01 min

Lab File: BG023735.D

Acq: 16 Aug 2016 19:56

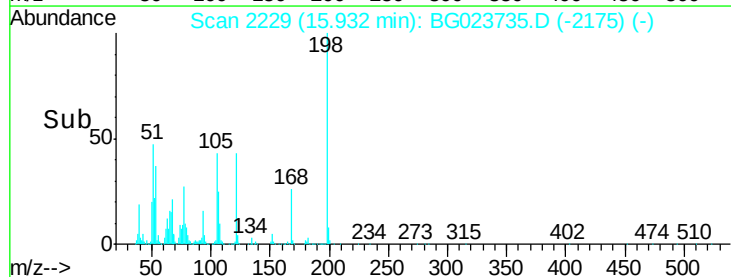
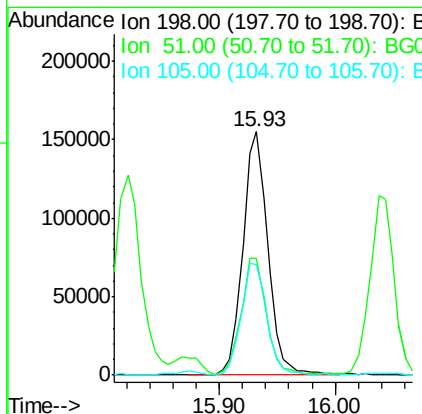
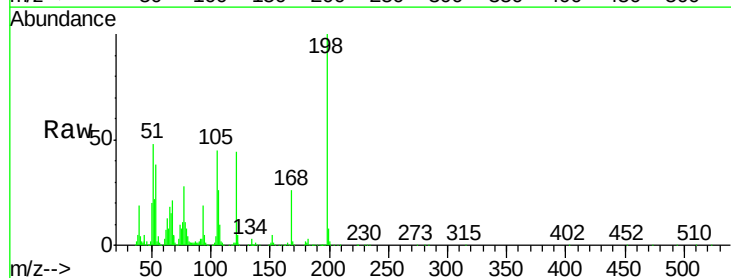
Tgt Ion:198 Resp: 232865

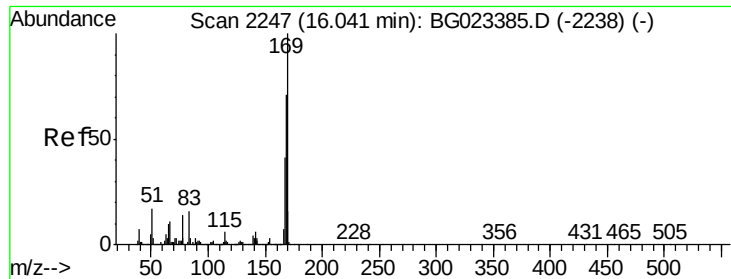
Ion Ratio Lower Upper

198 100

51 48.0 26.0 66.0

105 45.5 20.1 60.1





#65

n-Nitrosodiphenylamine

Concen: 45.04 ng

RT: 16.04 min Scan# 2248

Delta R.T. 0.00 min

Lab File: BG023735.D

Acq: 16 Aug 2016 19:56

Instrument :

BNA_G

ClientSampleId :

PB92660BS

Tgt Ion:169 Resp: 1027286

Ion Ratio Lower Upper

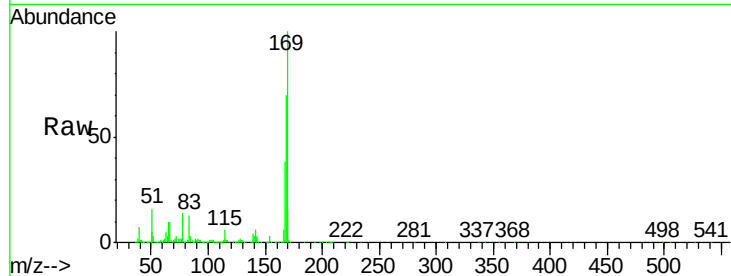
169 100

168 70.4 55.0 82.4

167 37.6 27.4 41.0

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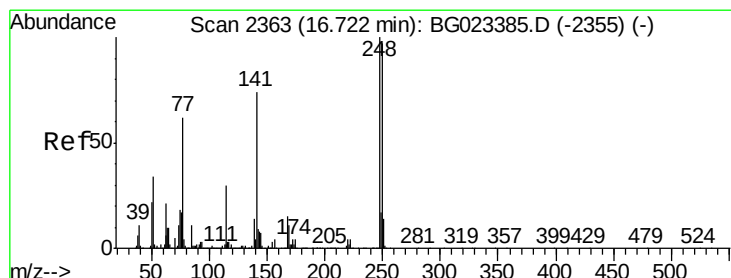
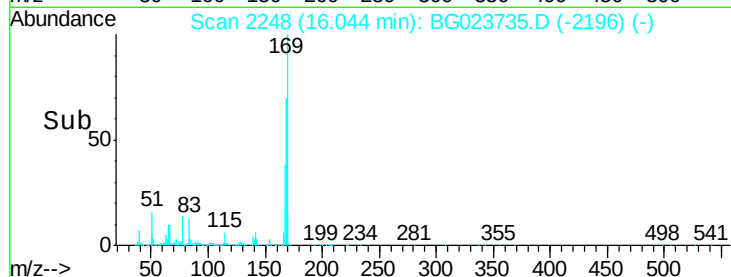
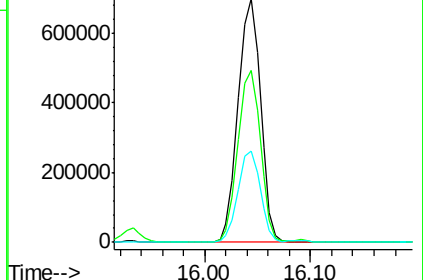
umangi
8/17/2016 3:10:45 AM



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.55 ng

RT: 16.73 min Scan# 2364

Delta R.T. 0.00 min

Lab File: BG023735.D

Acq: 16 Aug 2016 19:56

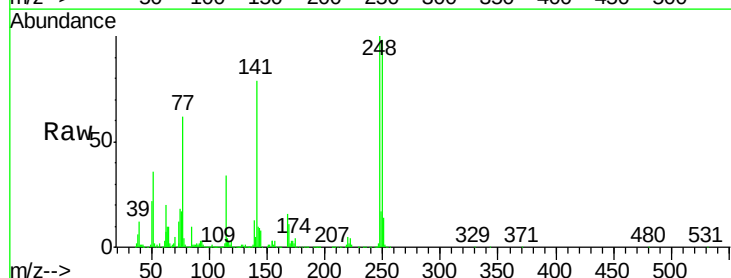
Tgt Ion:248 Resp: 403784

Ion Ratio Lower Upper

248 100

250 97.8 77.8 116.8

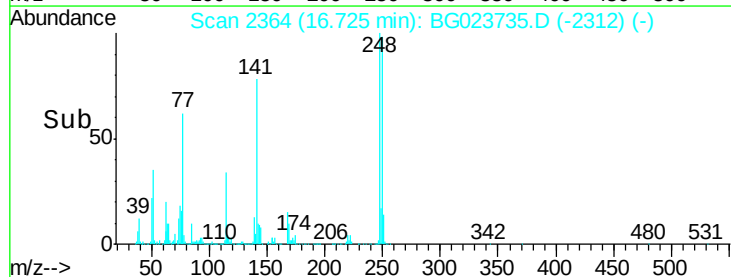
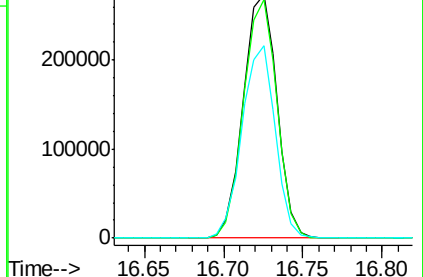
141 78.8 65.7 98.5

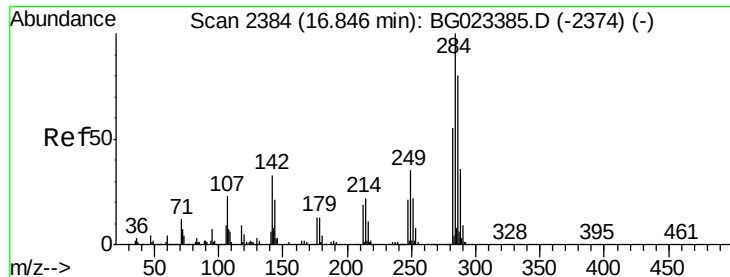


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





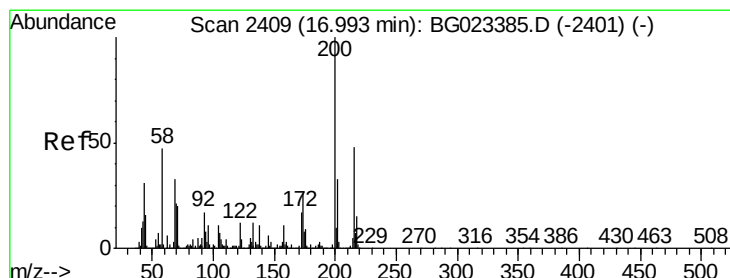
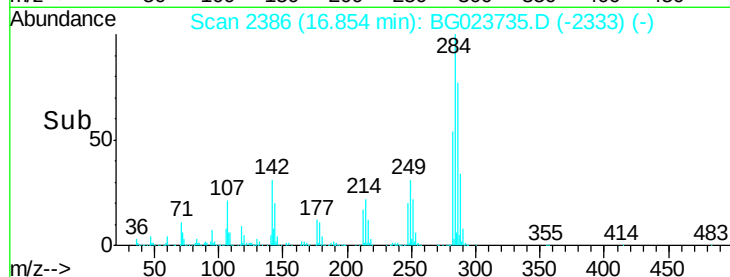
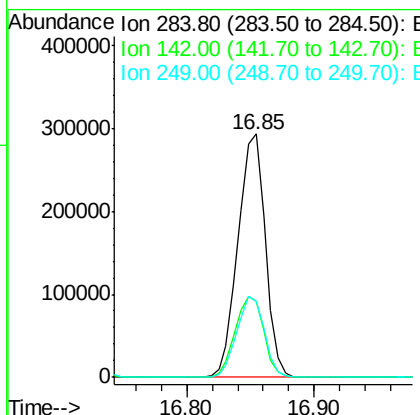
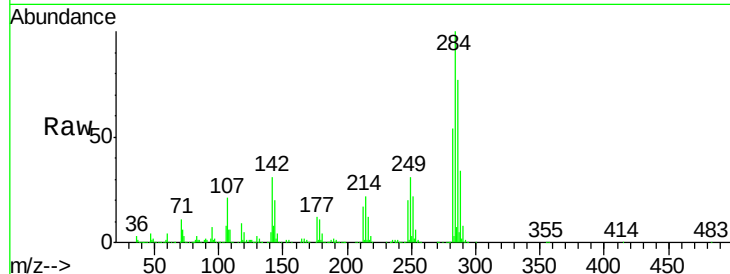
#67
Hexachlorobenzene
Concen: 44.02 ng
RT: 16.85 min Scan# 2386
Delta R.T. 0.01 min
Lab File: BG023735.D
Acq: 16 Aug 2016 19:56

Instrument :
BNA_G
ClientSampleId :
PB92660BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	31.4	26.8	40.2
249	31.4	28.9	43.3

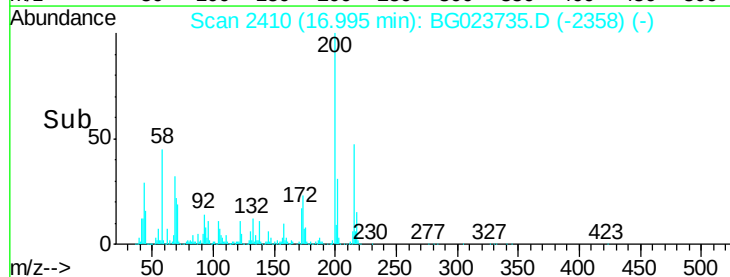
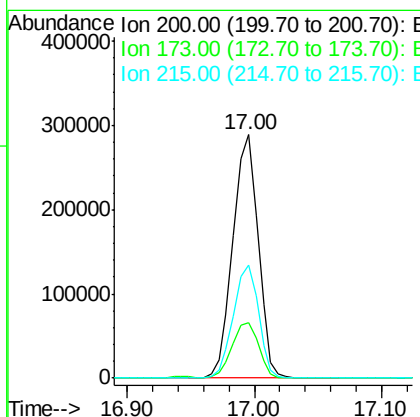
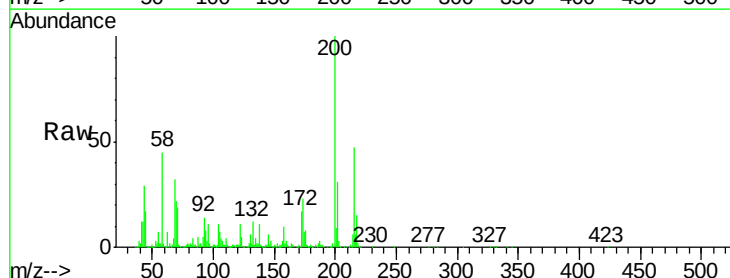
Manual Integrations
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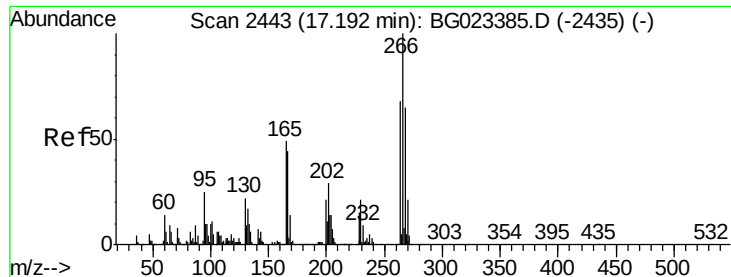
umangi
8/17/2016 3:10:45 AM



#68
Atrazine
Concen: 45.42 ng
RT: 17.00 min Scan# 2410
Delta R.T. 0.00 min
Lab File: BG023735.D
Acq: 16 Aug 2016 19:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	22.7	1.6	41.6
215	46.5	28.7	68.7





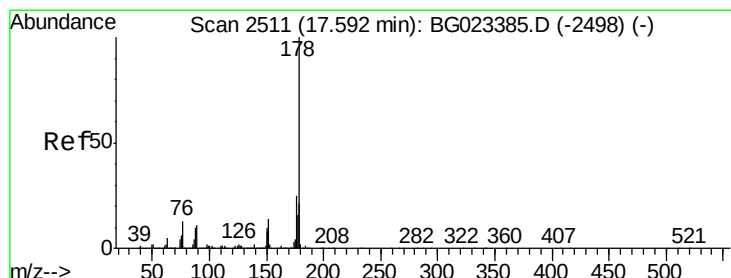
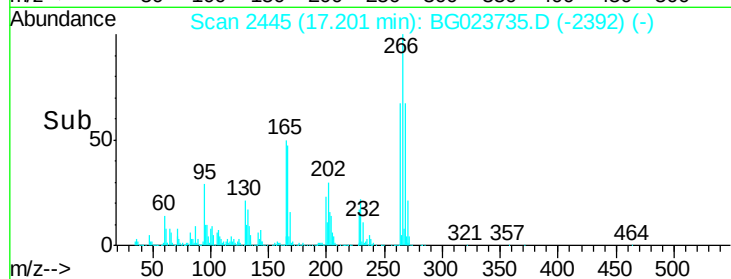
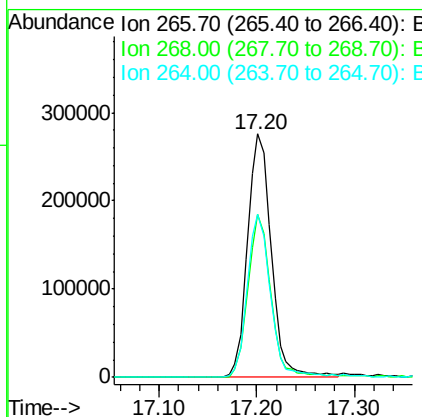
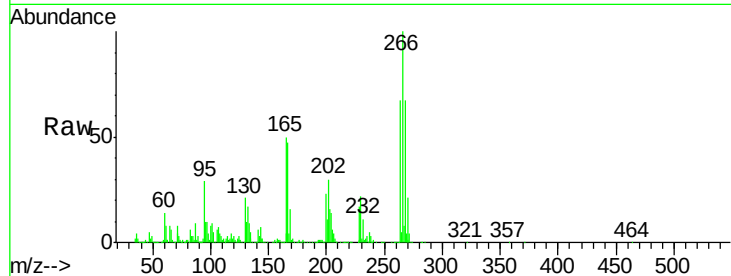
#69
 Pentachlorophenol
 Concen: 80.98 ng
 RT: 17.20 min Scan# 2445
 Delta R.T. 0.01 min
 Lab File: BG023735.D
 Acq: 16 Aug 2016 19:56

Instrument :
 BNA_G
 ClientSampleId :
 PB92660BS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.0	51.9	77.9
264	67.1	50.6	75.8

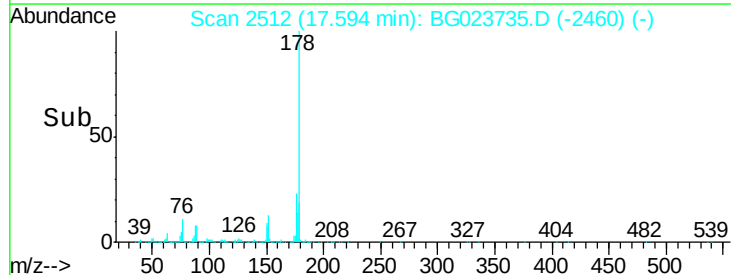
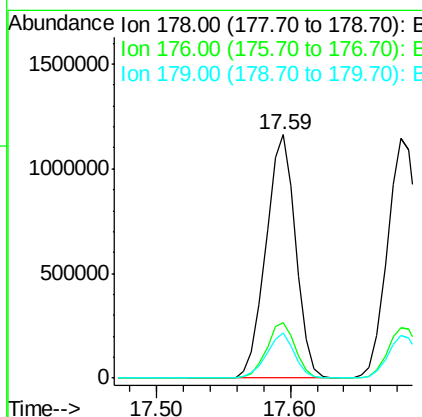
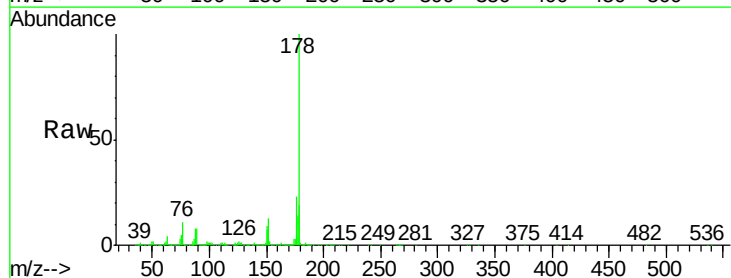
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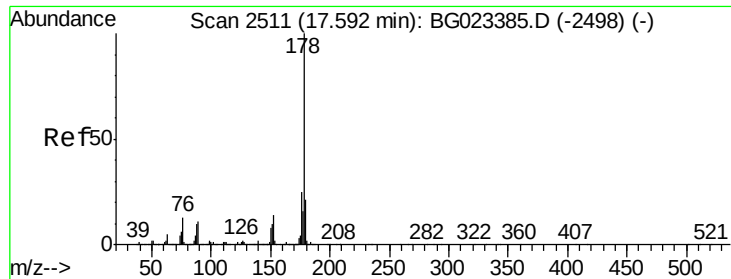
umangi
 8/17/2016 3:10:45 AM



#70
 Phenanthrene
 Concen: 45.52 ng
 RT: 17.59 min Scan# 2512
 Delta R.T. 0.00 min
 Lab File: BG023735.D
 Acq: 16 Aug 2016 19:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.8	16.8	25.2
179	18.6	14.3	21.5





#71

Anthracene

Concen: 46.64 ng

RT: 17.68 min Scan# 2527

Delta R.T. 0.00 min

Lab File: BG023735.D

Acq: 16 Aug 2016 19:56

Instrument :

BNA_G

ClientSampleId :

PB92660BS

Tgt Ion:178 Resp: 1850877

Ion Ratio Lower Upper

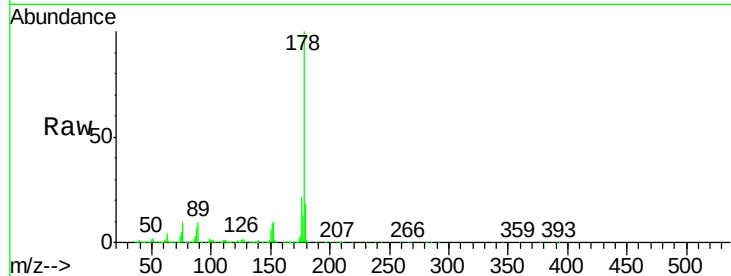
178 100

176 21.1 17.3 25.9

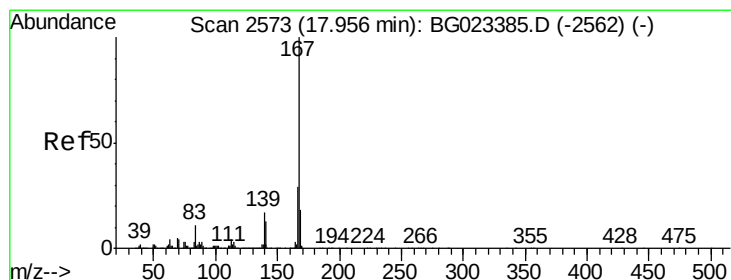
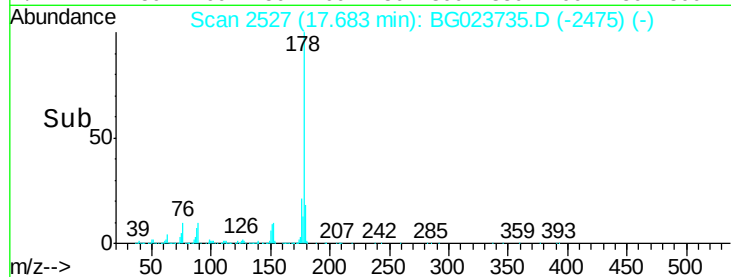
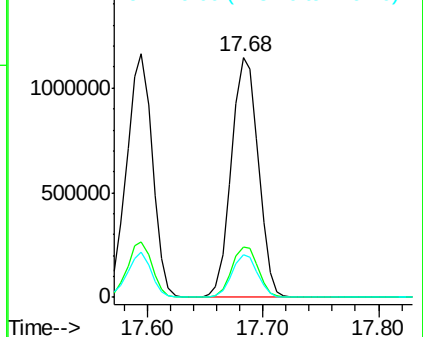
179 17.7 14.0 21.0

Manual Integrations
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umangi
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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: 49.55 ng

RT: 17.96 min Scan# 2574

Delta R.T. 0.00 min

Lab File: BG023735.D

Acq: 16 Aug 2016 19:56

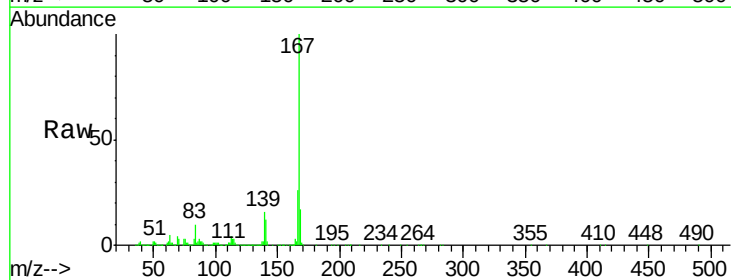
Tgt Ion:167 Resp: 1726856

Ion Ratio Lower Upper

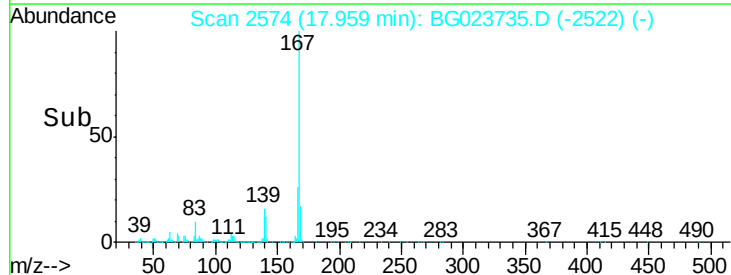
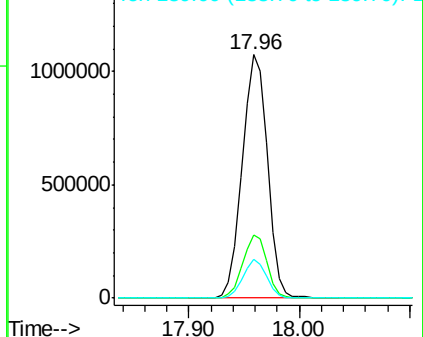
167 100

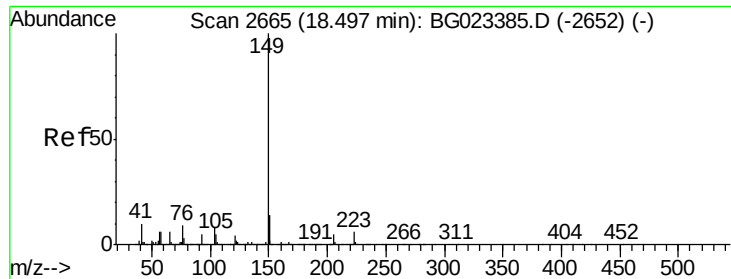
166 26.0 20.7 31.1

139 16.1 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





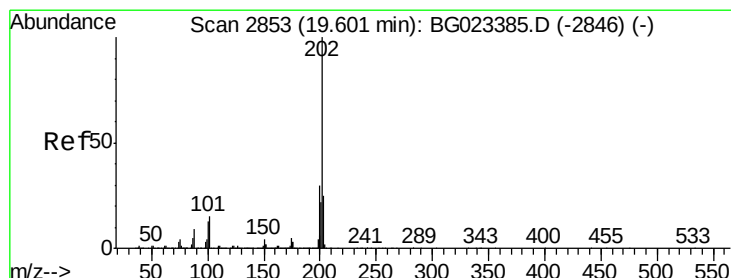
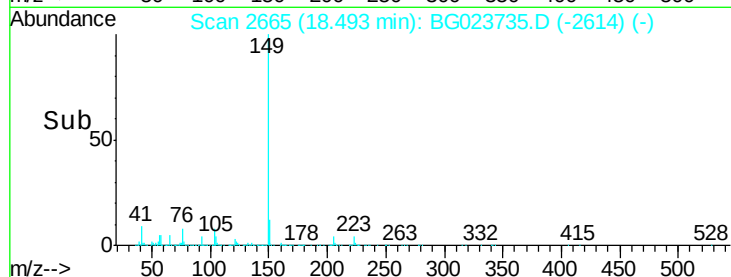
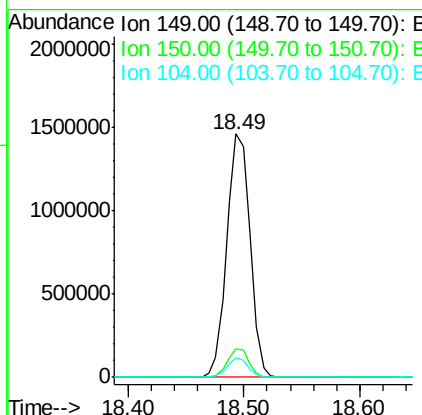
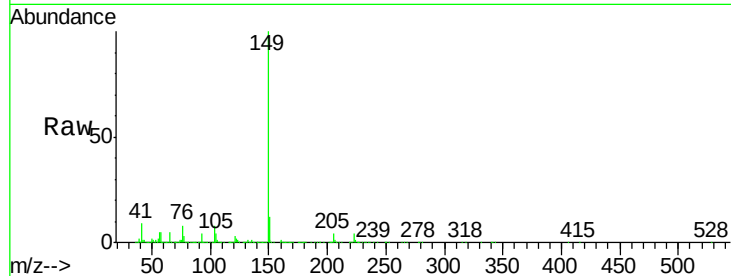
#73
Di-n-butylphthalate
Concen: 60.04 ng
RT: 18.49 min Scan# 2665
Delta R.T. -0.00 min
Lab File: BG023735.D
Acq: 16 Aug 2016 19:56

Instrument :
BNA_G
ClientSampleId :
PB92660BS

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.7	9.1	13.7
104	7.9	6.9	10.3

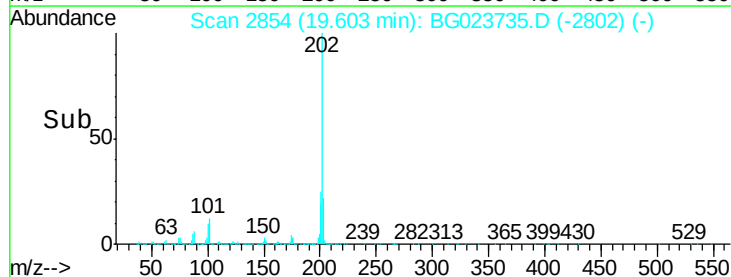
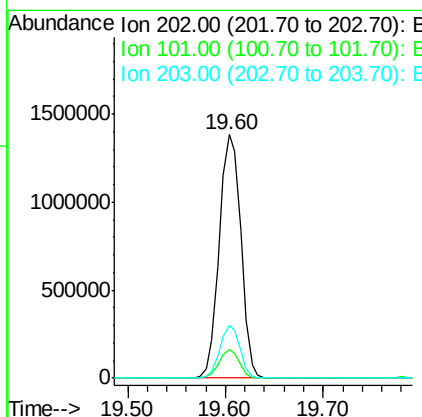
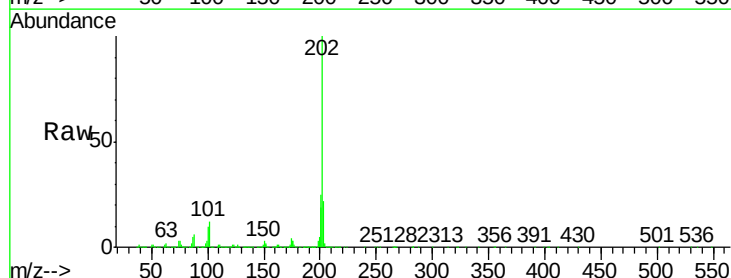
Manual Integrations
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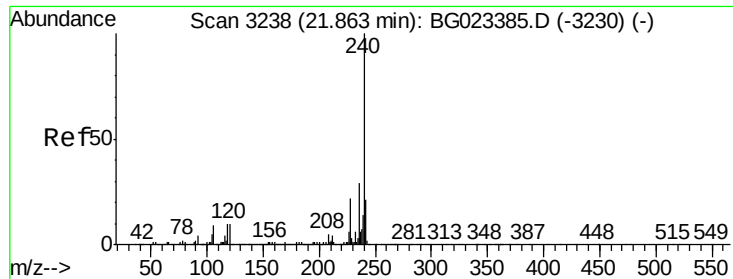
umangi
8/17/2016 3:10:45 AM



#74
Fluoranthene
Concen: 59.92 ng
RT: 19.60 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BG023735.D
Acq: 16 Aug 2016 19:56

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	27.4
203	21.6	1.7	41.7





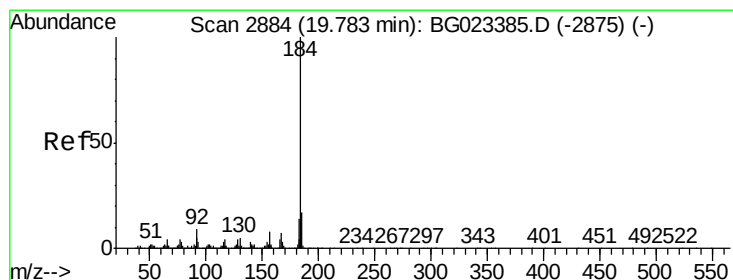
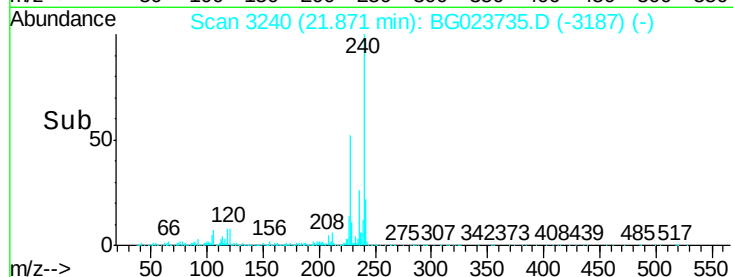
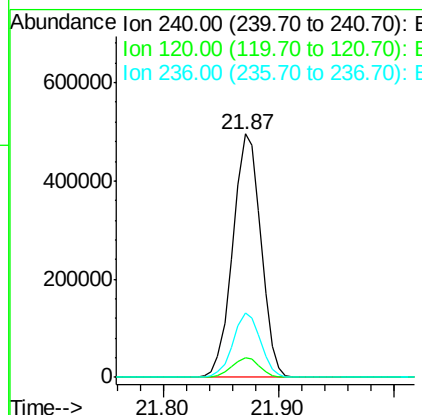
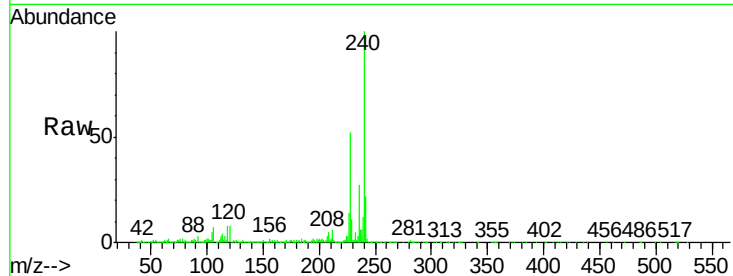
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.87 min Scan# 3240
Delta R.T. 0.01 min
Lab File: BG023735.D
Acq: 16 Aug 2016 19:56

Instrument :
BNA_G
ClientSampleId :
PB92660BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	8.1	4.1	6.1#
236	26.5	21.1	31.7

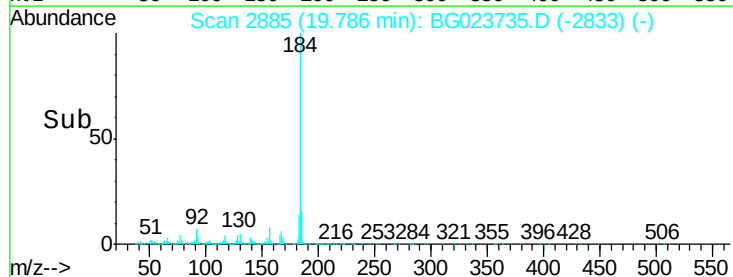
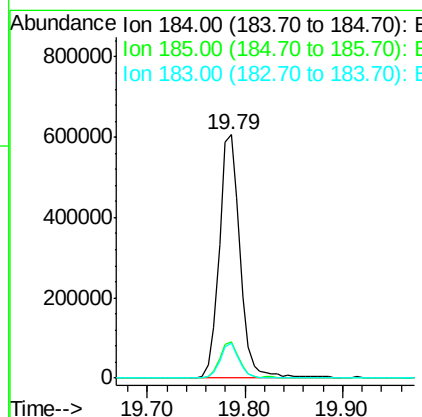
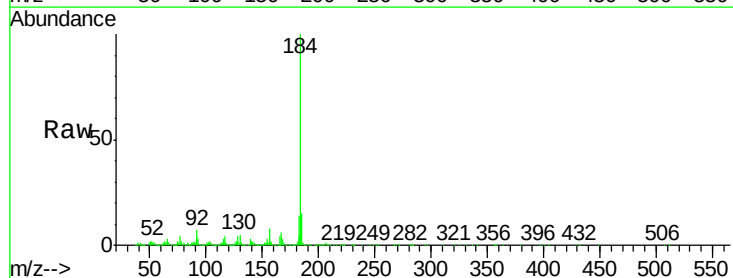
Manual Integrations
APPROVED

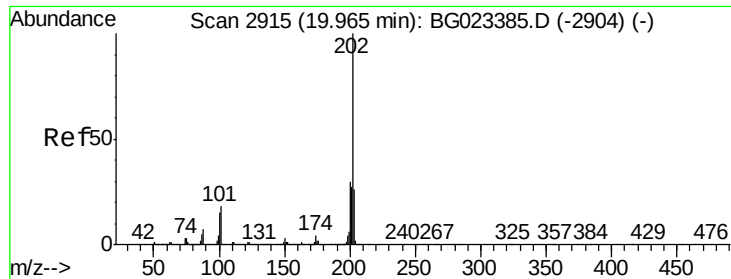
umangi
8/17/2016 3:10:45 AM



#76
Benzidine
Concen: 38.51 ng
RT: 19.79 min Scan# 2885
Delta R.T. 0.00 min
Lab File: BG023735.D
Acq: 16 Aug 2016 19:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
184	100		
185	14.7	12.6	19.0
183	14.3	10.7	16.1





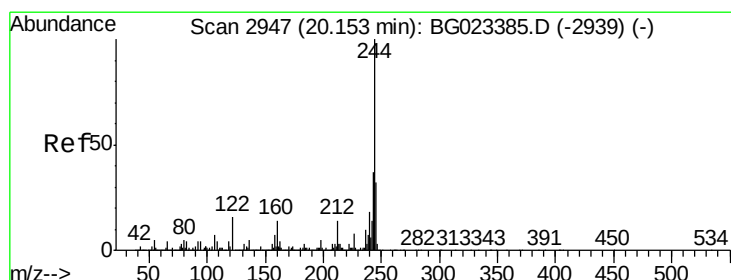
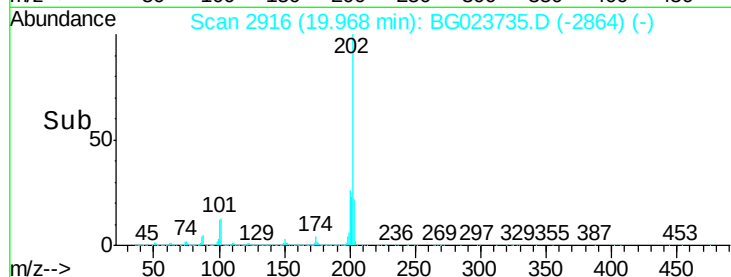
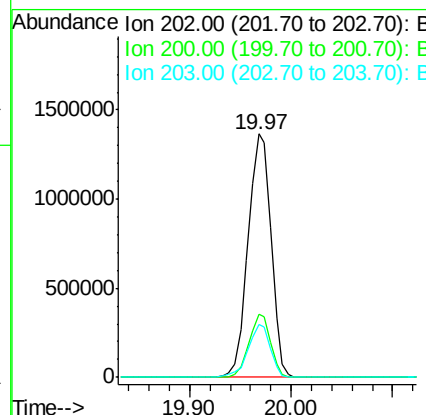
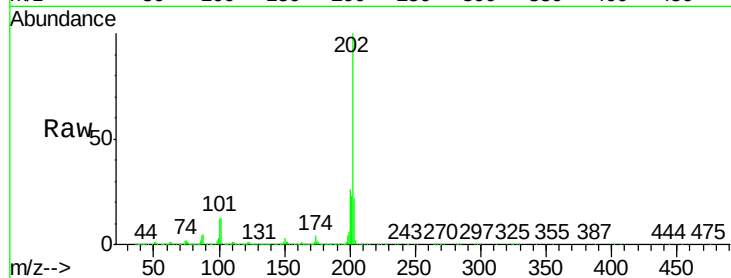
#77
 Pyrene
 Concen: 45.18 ng
 RT: 19.97 min Scan# 2916
 Delta R.T. 0.00 min
 Lab File: BG023735.D
 Acq: 16 Aug 2016 19:56

Instrument :
 BNA_G
 ClientSampleId :
 PB92660BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	25.8	21.2	31.8
203	21.8	16.8	25.2

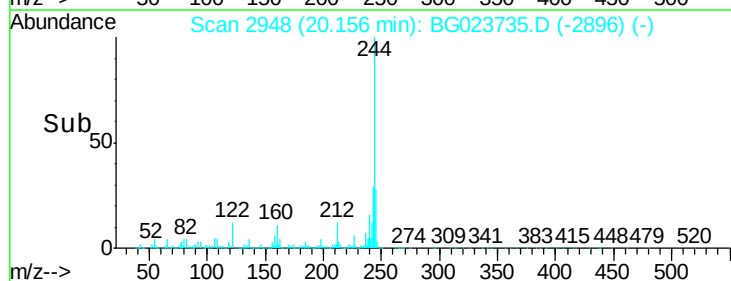
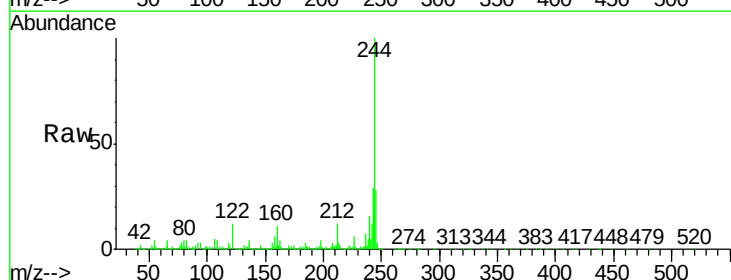
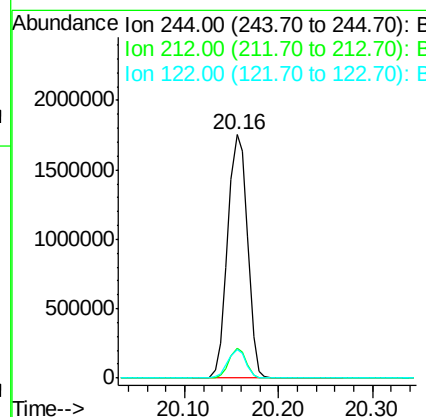
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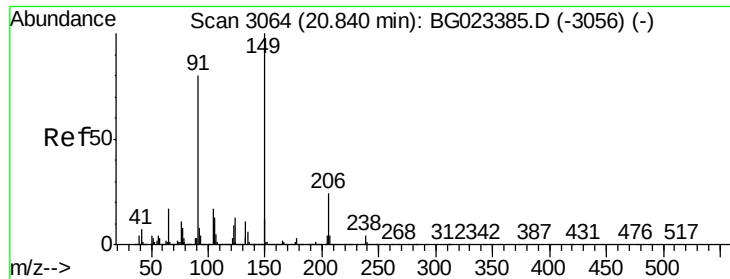
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#78
 Terphenyl-d14
 Concen: 100.00 ng
 RT: 20.16 min Scan# 2948
 Delta R.T. 0.00 min
 Lab File: BG023735.D
 Acq: 16 Aug 2016 19:56

Tgt Ion	Ratio	Lower	Upper
244	100		
212	12.2	10.8	16.2
122	12.0	8.0	12.0





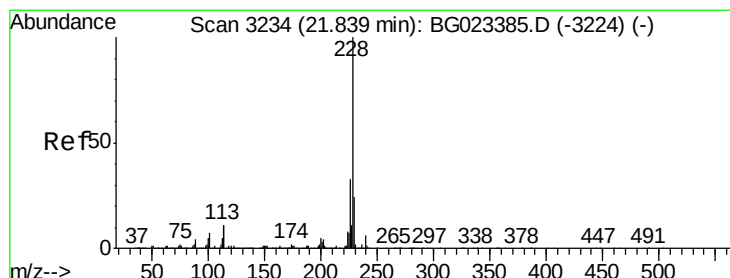
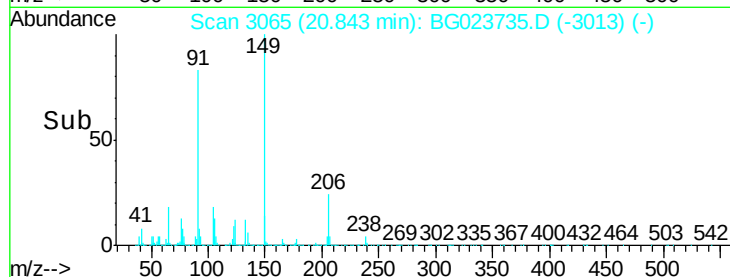
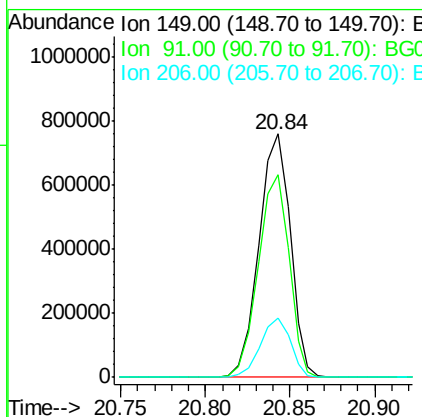
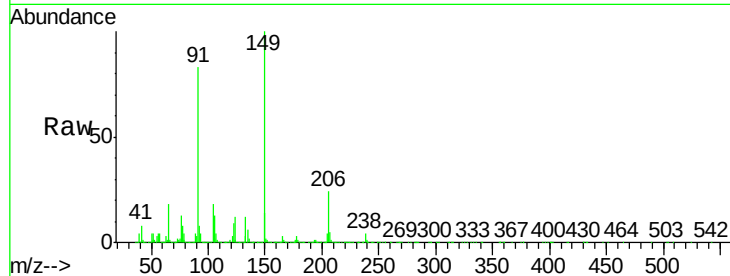
#79
Butylbenzylphthalate
Concen: 48.58 ng
RT: 20.84 min Scan# 3065
Delta R.T. 0.00 min
Lab File: BG023735.D
Acq: 16 Aug 2016 19:56

Instrument :
BNA_G
ClientSampleId :
PB92660BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	979710		
91	83.4	68.1	102.1	
206	24.1	19.8	29.6	

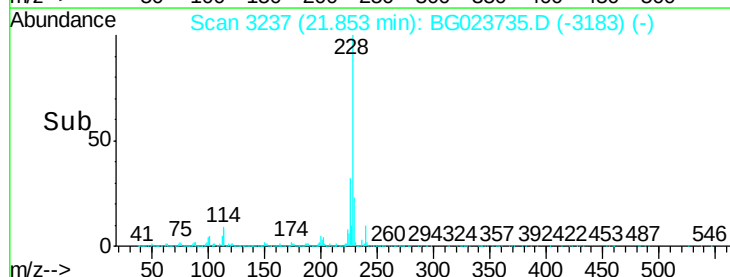
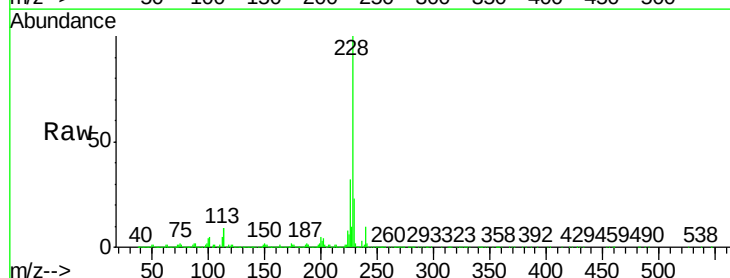
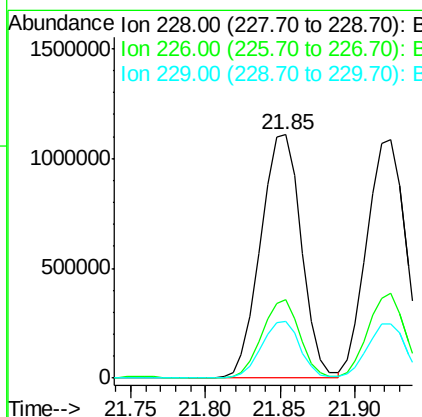
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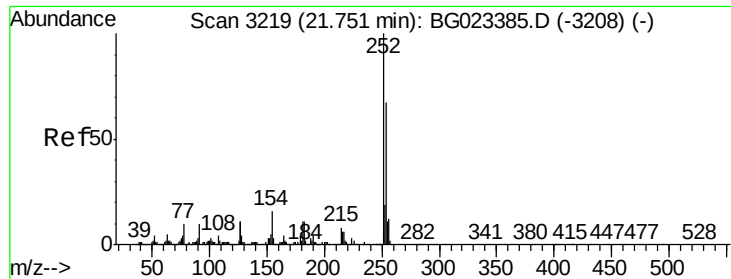
umangi
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#80
Benzo(a)anthracene
Concen: 45.39 ng
RT: 21.85 min Scan# 3237
Delta R.T. 0.01 min
Lab File: BG023735.D
Acq: 16 Aug 2016 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	2098644		
226	32.0	25.3	37.9	
229	23.2	19.9	29.9	





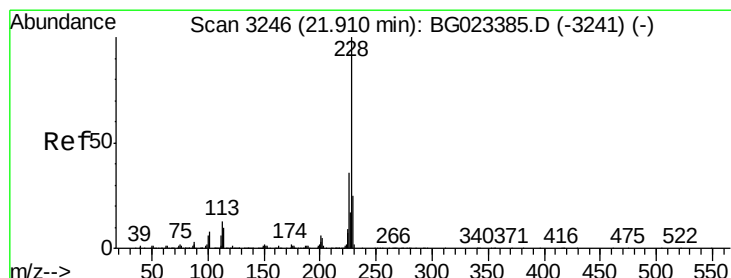
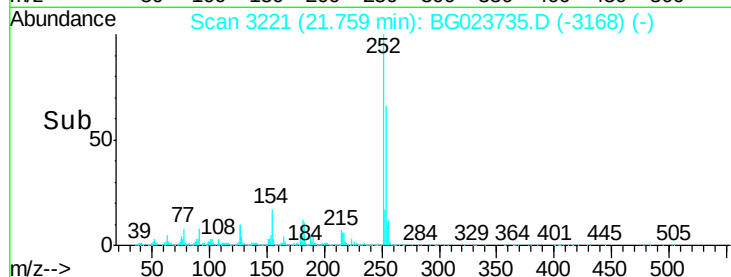
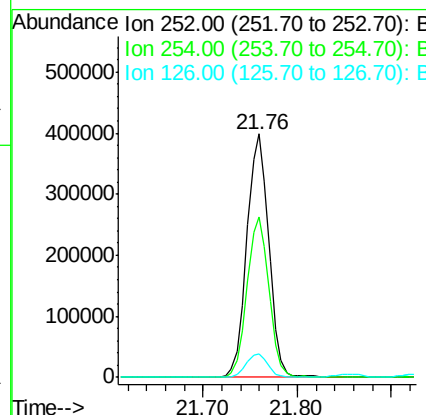
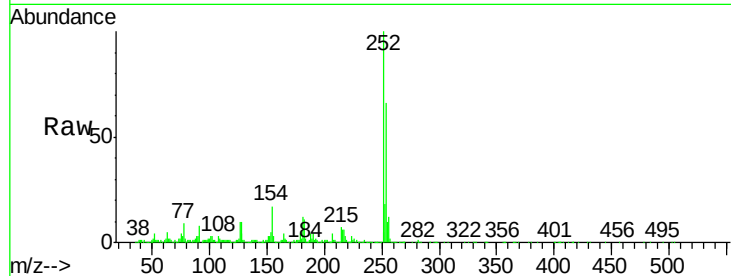
#81
 3,3'-Dichlorobenzidine
 Concen: 33.96 ng
 RT: 21.76 min Scan# 3221
 Delta R.T. 0.01 min
 Lab File: BG023735.D
 Acq: 16 Aug 2016 19:56

Instrument :
 BNA_G
 ClientSampleId :
 PB92660BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	643933		
254	66.2	51.2	76.8	
126	9.9	5.3	7.9	

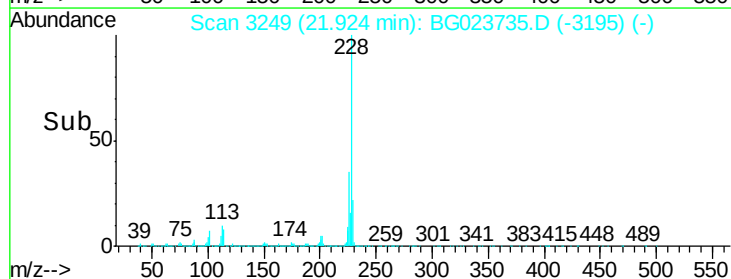
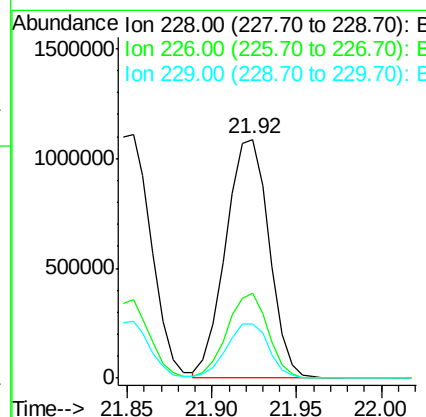
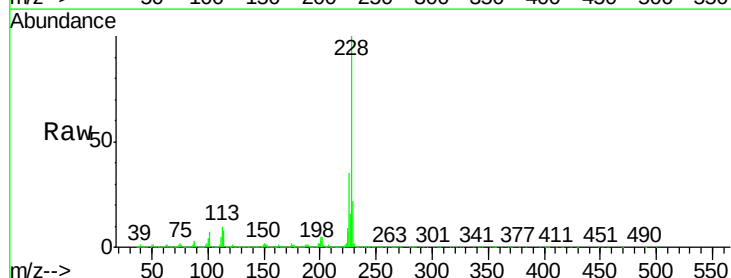
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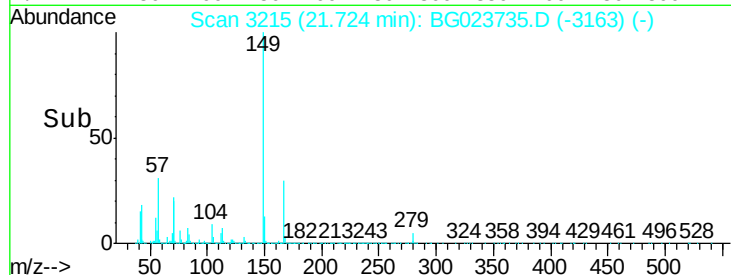
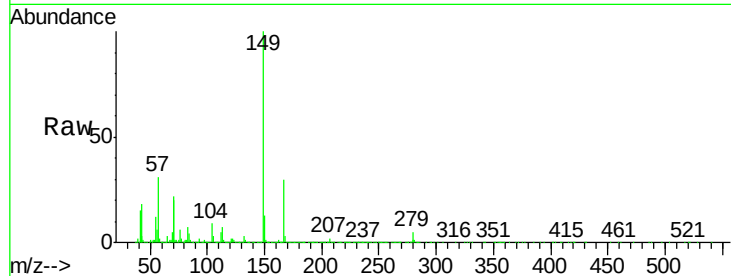
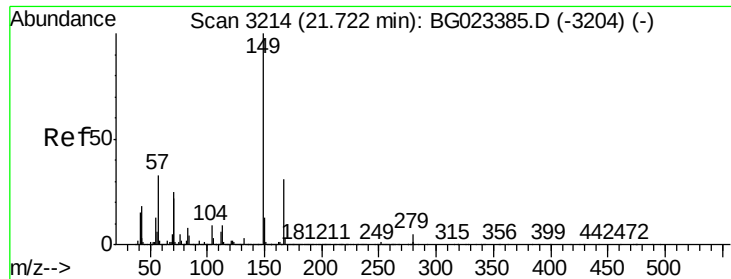
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#82
 Chrysene
 Concen: 44.15 ng
 RT: 21.92 min Scan# 3249
 Delta R.T. 0.01 min
 Lab File: BG023735.D
 Acq: 16 Aug 2016 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1941802		
226	35.5	26.7	40.1	
229	22.5	17.4	26.2	





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.50 ng

RT: 21.72 min Scan# 3215

Delta R.T. 0.00 min

Lab File: BG023735.D

Acq: 16 Aug 2016 19:56

Tgt Ion:	149	Resp:	1339500
Ion Ratio	Lower	Upper	
149	100		
167	29.8	24.0	36.0
279	4.9	4.8	7.2

Instrument :

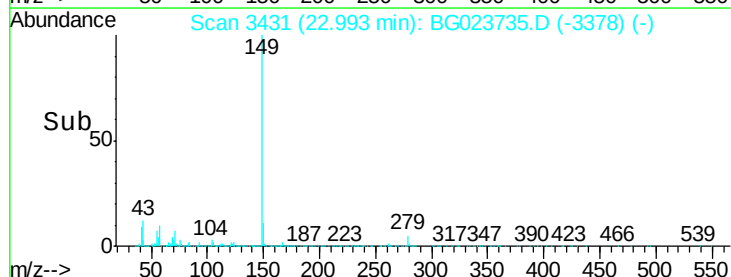
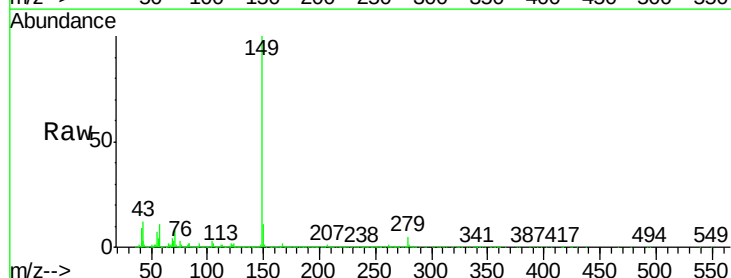
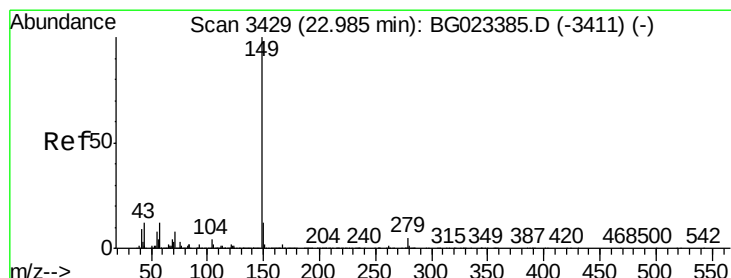
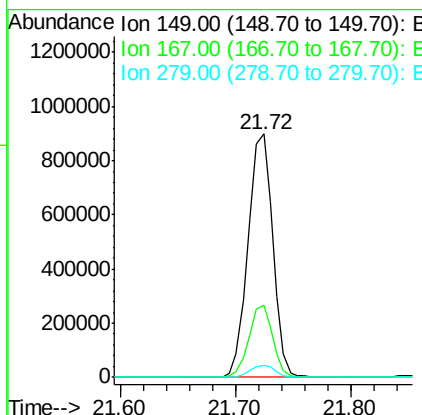
BNA_G

ClientSampleId :

PB92660BS

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#84

Di-n-octyl phthalate

Concen: 46.89 ng

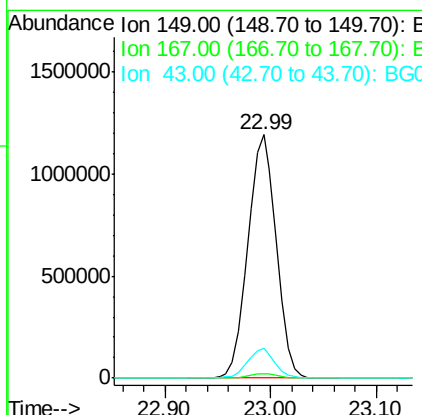
RT: 22.99 min Scan# 3431

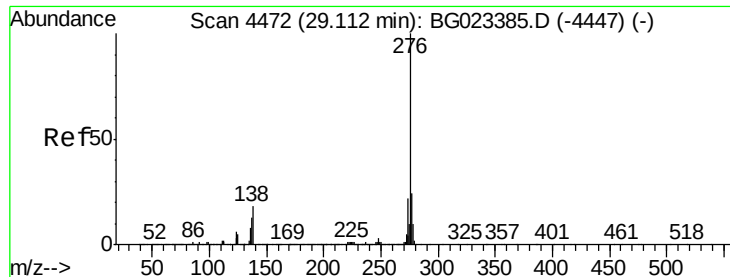
Delta R.T. 0.01 min

Lab File: BG023735.D

Acq: 16 Aug 2016 19:56

Tgt Ion:	149	Resp:	2210248
Ion Ratio	Lower	Upper	
149	100		
167	1.9	1.5	2.3
43	11.2	8.8	13.2





#85

Indeno(1,2,3-cd)pyrene

Concen: 44.67 ng

RT: 29.19 min Scan# 4486

Delta R.T. 0.08 min

Lab File: BG023735.D

Acq: 16 Aug 2016 19:56

Instrument :

BNA_G

ClientSampleId :

PB92660BS

Tgt Ion:276 Resp: 2455385

Ion Ratio Lower Upper

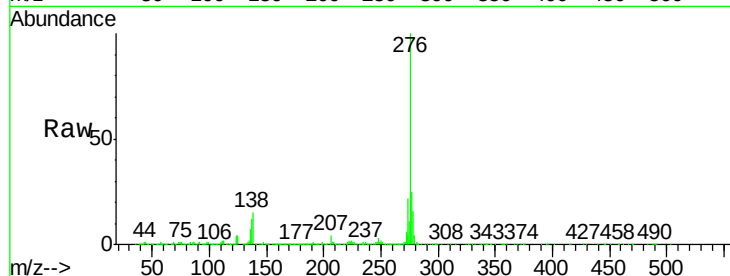
276 100

138 11.4 0.0 0.0#

277 25.9 0.0 0.0#

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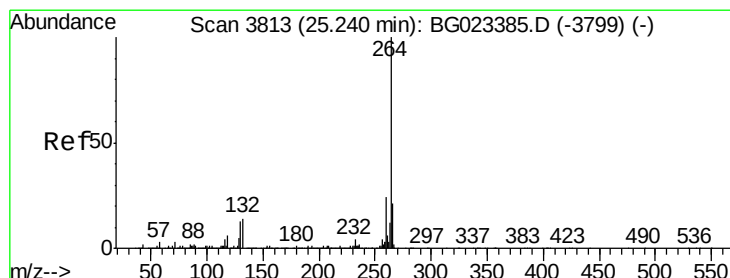
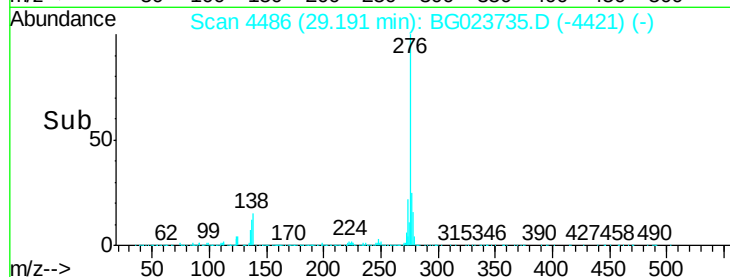
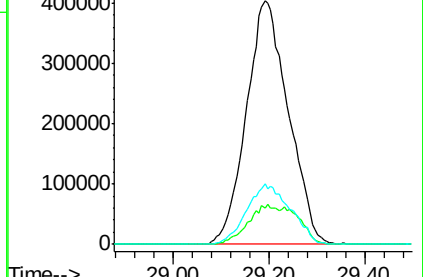
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.27 min Scan# 3819

Delta R.T. 0.03 min

Lab File: BG023735.D

Acq: 16 Aug 2016 19:56

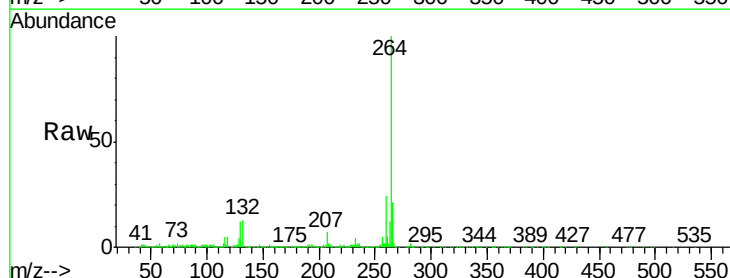
Tgt Ion:264 Resp: 791135

Ion Ratio Lower Upper

264 100

260 24.0 18.4 27.6

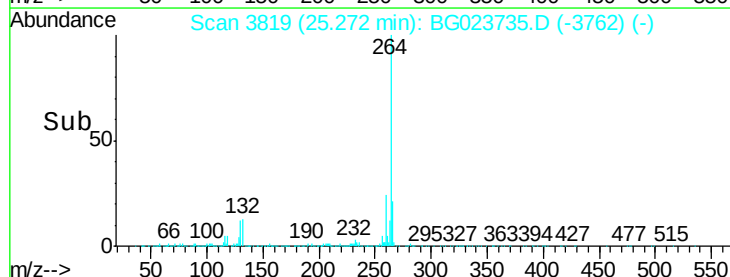
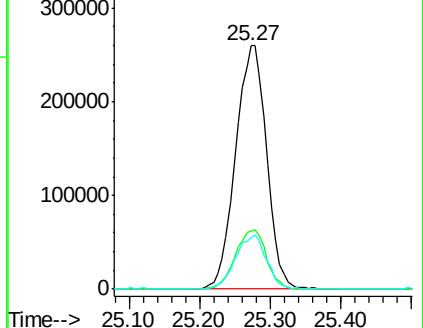
265 21.0 18.9 28.3

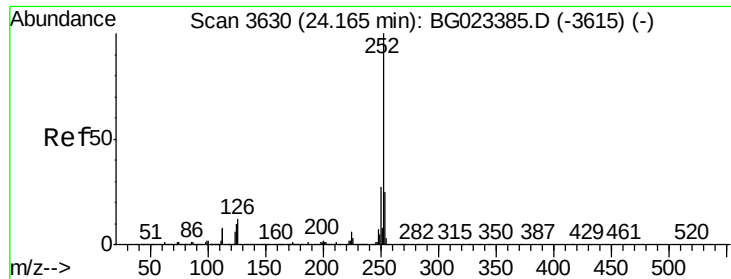


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 49.11 ng

RT: 24.19 min Scan# 3635

Delta R.T. 0.03 min

Lab File: BG023735.D

Acq: 16 Aug 2016 19:56

Instrument :

BNA_G

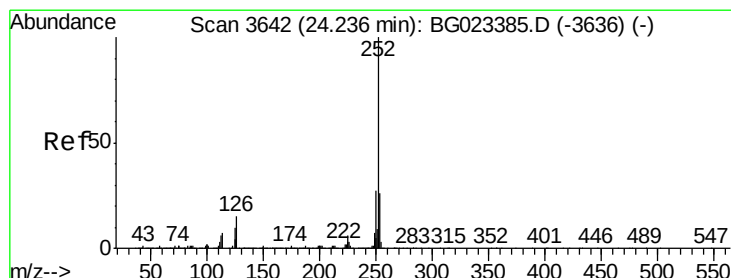
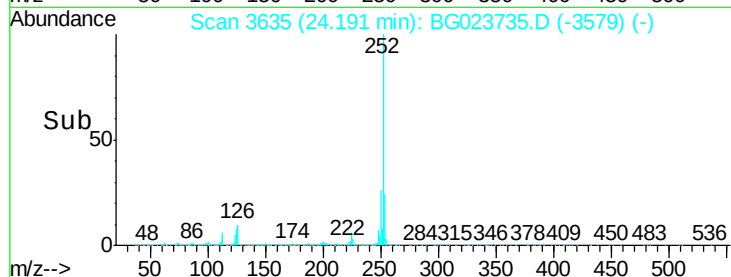
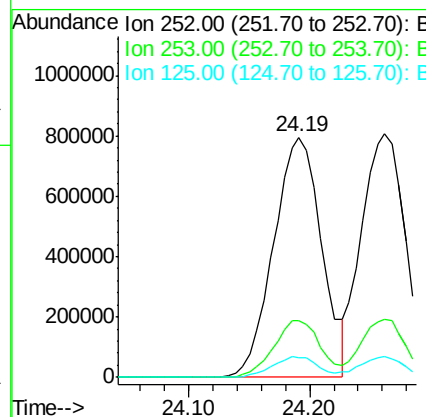
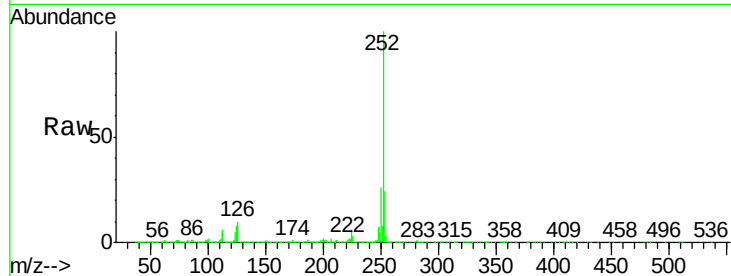
ClientSampleId :

PB92660BS

Tgt Ion:	252	Resp:	2186003
Ion Ratio	Lower	Upper	
252	100		
253	23.6	18.9	28.3
125	8.3	3.9	5.9#

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#88

Benzo(k)fluoranthene

Concen: 47.37 ng

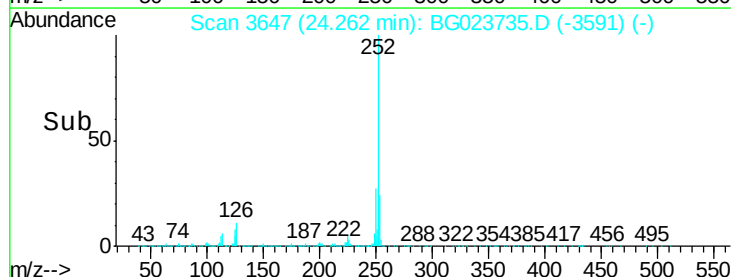
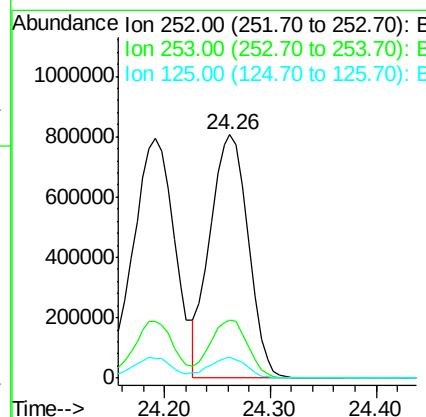
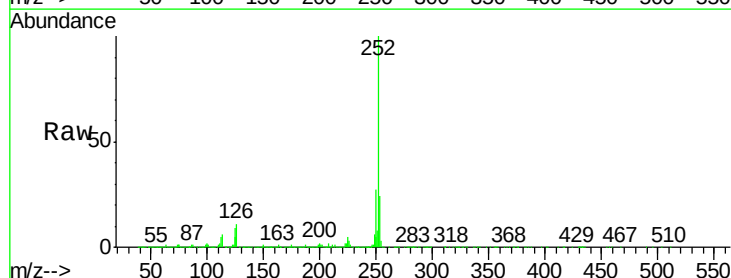
RT: 24.26 min Scan# 3647

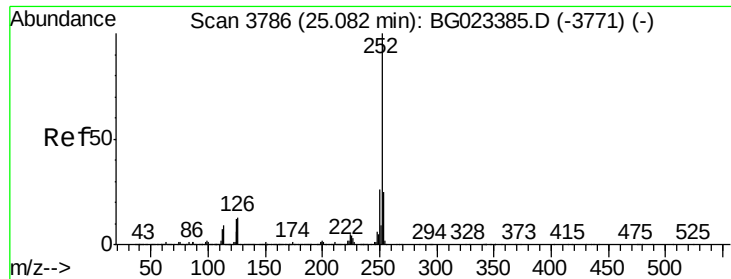
Delta R.T. 0.03 min

Lab File: BG023735.D

Acq: 16 Aug 2016 19:56

Tgt Ion:	252	Resp:	2025171
Ion Ratio	Lower	Upper	
252	100		
253	23.9	18.8	28.2
125	8.5	3.2	4.8#





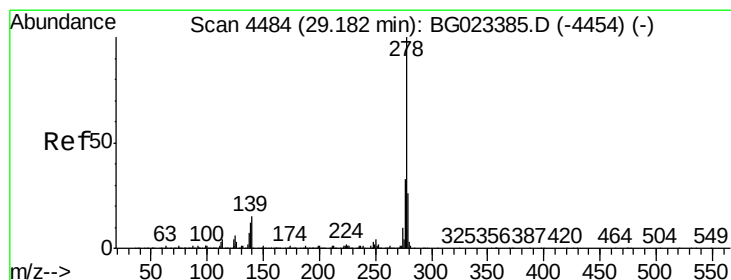
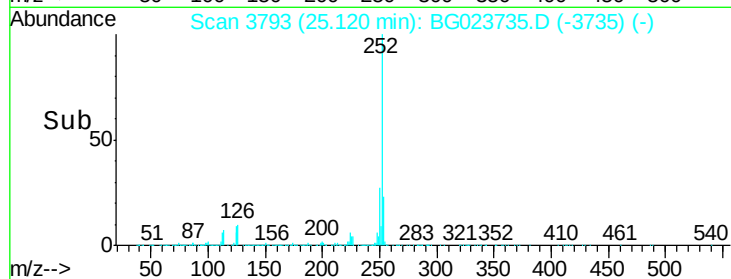
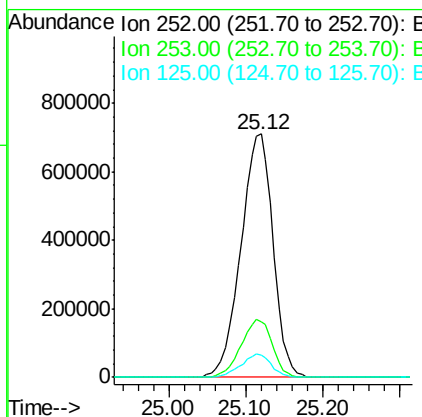
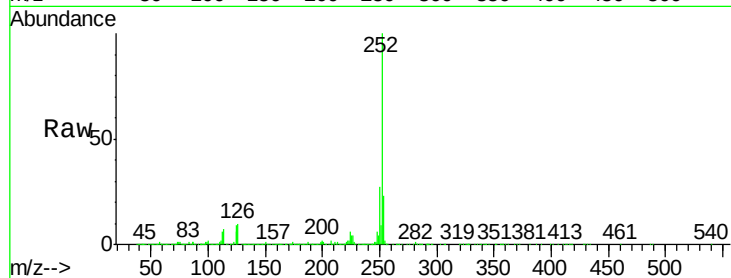
#89
Benzo(a)pyrene
Concen: 48.68 ng
RT: 25.12 min Scan# 3793
Delta R.T. 0.04 min
Lab File: BG023735.D
Acq: 16 Aug 2016 19:56

Instrument :
BNA_G
ClientSampleId :
PB92660BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.7	28.1
125	9.0	3.9	5.9

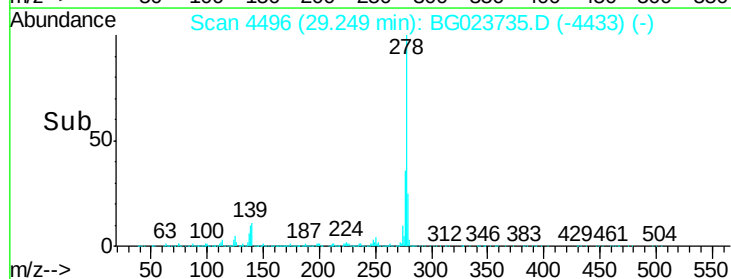
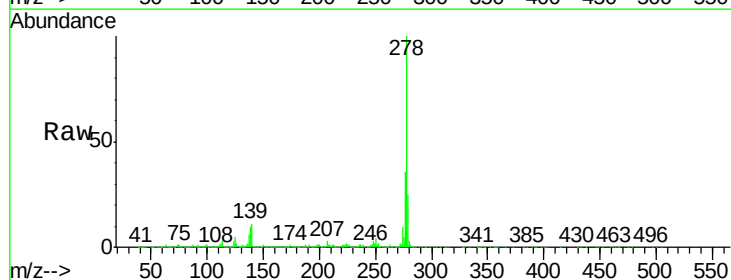
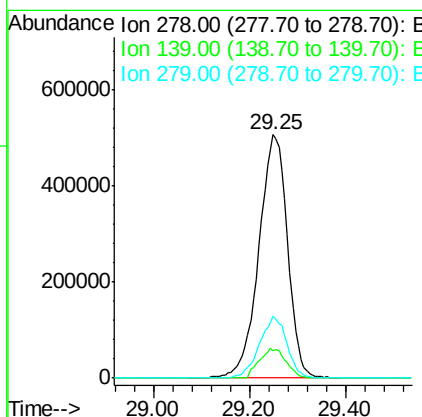
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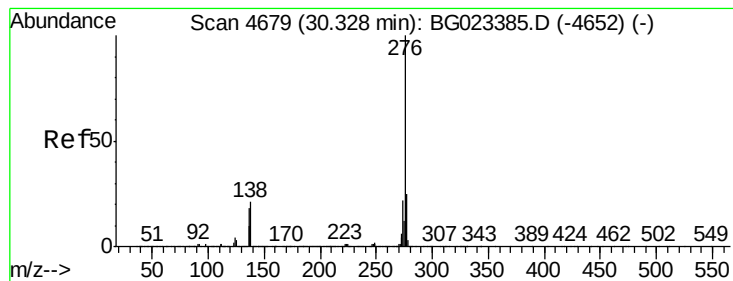
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#90
Dibenzo(a,h)anthracene
Concen: 48.72 ng
RT: 29.25 min Scan# 4496
Delta R.T. 0.07 min
Lab File: BG023735.D
Acq: 16 Aug 2016 19:56

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.0	4.7	7.1
279	25.3	18.3	27.5





#91

Benzo(g,h,i)perylene

Concen: 47.16 ng

RT: 30.42 min Scan# 4696

Delta R.T. 0.10 min

Lab File: BG023735.D

Acq: 16 Aug 2016 19:56

Instrument :

BNA_G

ClientSampleId :

PB92660BS

Tgt Ion: 276 Resp: 2053777

Ion Ratio Lower Upper

276 100

277 24.6 18.6 27.8

138 16.5 6.8 10.2#

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