

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082316\
 Data File : BG023869.D
 Acq On : 24 Aug 2016 1:07
 Operator : UM/SJ
 Sample : H4556-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-14B(13-15)MSD

Manual Integrations
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 8/24/2016 6:13:40 PM

Quant Time: Aug 24 04:55:13 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	8.09	152	112603	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	474249	20.00	ng	-0.03
38) Acenaphthene-d10	14.76	164	307291	20.00	ng	-0.02
63) Phenanthrene-d10	17.52	188	701282	20.00	ng	-0.02
75) Chrysene-d12	21.84	240	741220	20.00	ng	-0.02
86) Perylene-d12	25.22	264	726315	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	950029	142.02	ng	-0.03
7) Phenol-d6	7.25	99	1385009	132.93	ng	-0.03
23) Nitrobenzene-d5	9.27	82	936070	98.13	ng	-0.03
41) 2,4,6-Tribromophenol	16.27	330	545216	121.30	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	1676974	92.05	ng	-0.02
78) Terphenyl-d14	20.13	244	2332870	102.42	ng	-0.02

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.49	88	105515	37.02	ng	88
3) Pyridine	3.90	79	344738	36.81	ng	94
4) n-Nitrosodimethylamine	3.81	42	186176	53.61	ng	# 91
6) Aniline	7.41	93	346773	23.04	ng	96
8) 2-Chlorophenol	7.66	128	371225	48.30	ng	99
9) Benzaldehyde	7.22	77	116612	16.55	ng	91
10) Phenol	7.28	94	549699	49.32	ng	86
11) bis(2-Chloroethyl)ether	7.50	93	405539	45.61	ng	90
12) 1,3-Dichlorobenzene	7.98	146	394686	44.86	ng	94
13) 1,4-Dichlorobenzene	8.13	146	408892	45.40	ng	95
14) 1,2-Dichlorobenzene	8.45	146	396872	44.92	ng	93
15) Benzyl Alcohol	8.34	79	440772	55.83	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.62	45	581074	44.44	ng	89
17) 2-Methylphenol	8.54	107	354193	47.40	ng	# 92
18) Hexachloroethane	9.18	117	161773	47.72	ng	93
19) n-Nitroso-di-n-propylamine	8.90	70	387782	43.27	ng	100
20) 3+4-Methylphenols	8.87	107	489714	46.49	ng	91
22) Acetophenone	8.92	105	568464	43.78	ng	# 93
24) Nitrobenzene	9.31	77	556622	52.69	ng	# 90
25) Isophorone	9.83	82	995865	50.12	ng	# 95
26) 2-Nitrophenol	10.03	139	234756	52.66	ng	# 77
27) 2,4-Dimethylphenol	10.09	122	372271	49.04	ng	92
28) bis(2-Chloroethoxy)methane	10.32	93	580180	48.57	ng	99
29) 2,4-Dichlorophenol	10.57	162	410432	53.77	ng	97
30) 1,2,4-Trichlorobenzene	10.79	180	411332	49.97	ng	99
31) Naphthalene	10.97	128	1167951	48.36	ng	99
32) Benzoic acid	10.20	122	58825	13.73	ng	94
33) 4-Chloroaniline	11.09	127	133060	11.53	ng	92
34) Hexachlorobutadiene	11.25	225	270333	49.93	ng	98
35) Caprolactam	11.88	113	142380m	44.33	ng	
36) 4-Chloro-3-methylphenol	12.22	107	493398	49.20	ng	92
37) 2-Methylnaphthalene	12.58	142	852960	46.46	ng	90
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	428595	38.46	ng	99
40) Hexachlorocyclopentadiene	12.92	237	389730	69.36	ng	98

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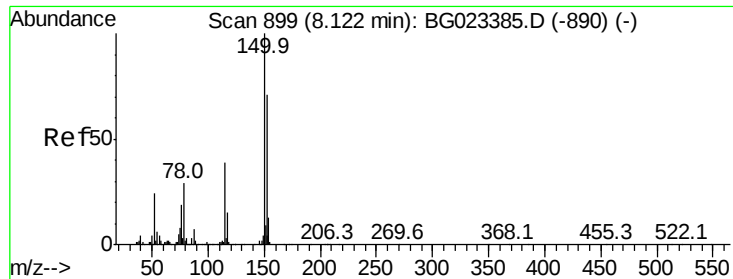
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 Quant Method : Z:\HPCHEM1\BNA G\Methods\8270-BG080116.M
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 QLast Update : Mon Aug 01 19:22:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	326432	49.18	nq	98
43) 2,4,5-Trichlorophenol	13.28	196	336890	49.30	nq	94
45) 1,1'-Biphenyl	13.59	154	1007827	42.90	nq	96
46) 2-Chloronaphthalene	13.64	162	891952	49.08	nq	96
47) 2-Nitroaniline	13.85	65	378616	50.18	nq	93
48) Acenaphthylene	14.49	152	1405132	48.91	nq	98
49) Dimethylphthalate	14.21	163	1559854	66.16	nq	97
50) 2,6-Dinitrotoluene	14.34	165	276260	49.48	nq	86
51) Acenaphthene	14.83	154	896272	49.25	nq	99
52) 3-Nitroaniline	14.68	138	152721	24.26	nq	80
53) 2,4-Dinitrophenol	14.90	184	188820	52.76	nq	90
54) Dibenzofuran	15.16	168	1385560	52.44	nq	96
55) 4-Nitrophenol	15.00	139	422827	85.51	nq	# 83
56) 2,4-Dinitrotoluene	15.14	165	389685	49.73	nq	93
57) Fluorene	15.81	166	1127414	48.90	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.40	232	333756	53.22	nq	94
59) Diethylphthalate	15.57	149	1213235	50.69	nq	99
60) 4-Chlorophenyl-phenylether	15.80	204	583073	47.79	nq	98
61) 4-Nitroaniline	15.85	138	285884	42.65	nq	# 70
62) Azobenzene	16.10	77	1342921	55.36	nq	93
64) 4,6-Dinitro-2-methylphenol	15.91	198	211023	44.26	nq	89
65) n-Nitrosodiphenylamine	16.02	169	1025223	49.84	nq	95
66) 4-Bromophenyl-phenylether	16.70	248	394783	48.30	nq	98
67) Hexachlorobenzene	16.83	284	424312	47.45	nq	98
68) Atrazine	16.97	200	409304	51.82	nq	97
69) Pentachlorophenol	17.18	266	447482	85.84	nq	97
70) Phenanthrene	17.57	178	1790660	50.32	nq	98
71) Anthracene	17.66	178	1813741	50.68	nq	98
72) Carbazole	17.94	167	1681567	53.50	nq	98
73) Di-n-butylphthalate	18.48	149	1941746	64.21	nq	99
74) Fluoranthene	19.59	202	2069560	65.82	nq	96
76) Benzidine	19.76	184	849732	41.24	nq	98
77) Pyrene	19.94	202	2073200	50.46	nq	99
79) Butylbenzylphthalate	20.82	149	955508	53.53	nq	96
80) Benzo(a)anthracene	21.82	228	2027181	49.54	nq	98
81) 3,3'-Dichlorobenzidine	21.73	252	355796	21.20	nq	# 97
82) Chrysene	21.89	228	1884737	48.42	nq	98
83) Bis(2-ethylhexyl)phthalate	21.69	149	1320536	54.03	nq	# 99
84) Di-n-octyl phthalate	22.95	149	2233298	53.54	nq	99
85) Indeno(1,2,3-cd)pyrene	29.08	276	2377089	48.87	nq	# 100
87) Benzo(b)fluoranthene	24.14	252	2100096	51.39	nq	# 97
88) Benzo(k)fluoranthene	24.22	252	2000105	50.96	nq	# 98
89) Benzo(a)pyrene	25.06	252	2019660	51.97	nq	# 97
90) Dibenzo(a,h)anthracene	29.15	278	2038712	51.35	nq	# 93
91) Benzo(g,h,i)perylene	30.31	276	1971262	49.31	nq	# 93

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



#1

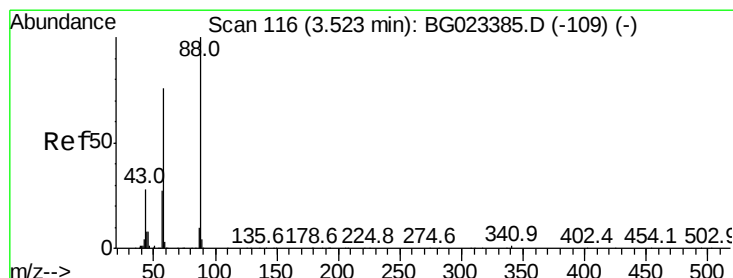
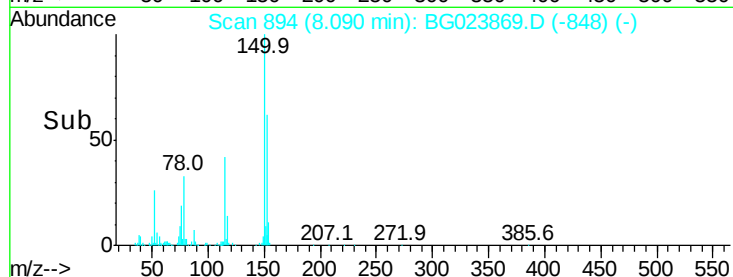
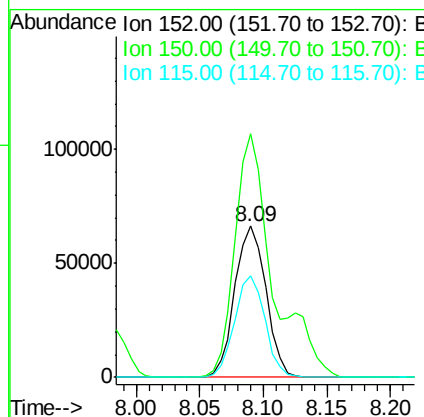
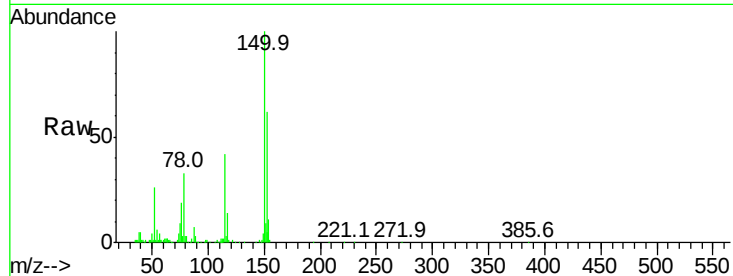
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.09 min Scan# 894
Delta R.T. -0.03 min
Lab File: BG023869.D
Acq: 24 Aug 2016 1:07

Instrument :
BNA_G
ClientSampleId :
SB-14B(13-15)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.0	144.7	217.1
115	67.0	64.0	96.0

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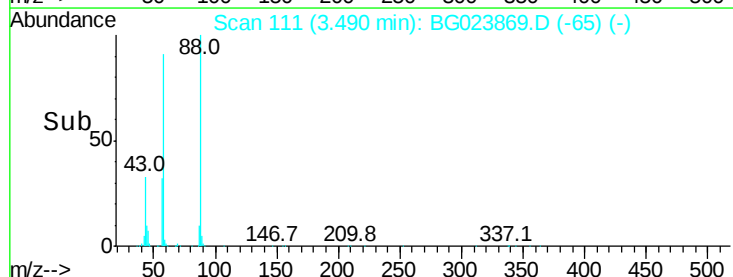
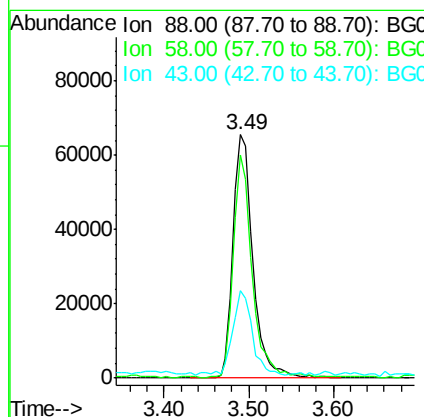
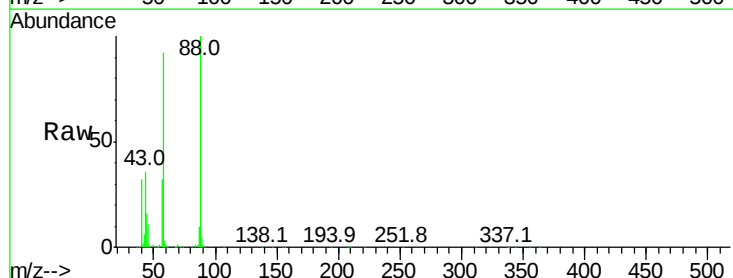
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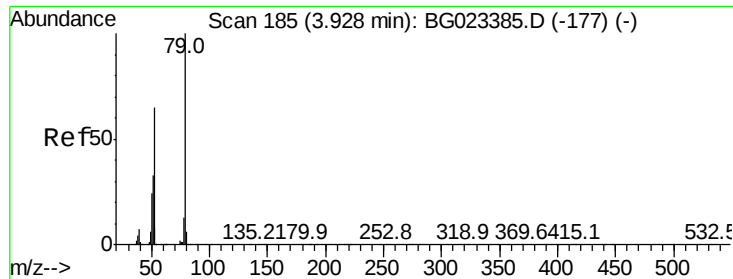


#2

1,4-Dioxane
Concen: 37.02 ng
RT: 3.49 min Scan# 111
Delta R.T. -0.03 min
Lab File: BG023869.D
Acq: 24 Aug 2016 1:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.2	60.4	90.6
43	33.0	31.1	46.7





#3

Pvridine

Concen: 36.81 ng

RT: 3.90 min Scan# 180

Delta R.T. -0.03 min

Lab File: BG023869.D

Acq: 24 Aug 2016 1:07

Instrument :

BNA_G

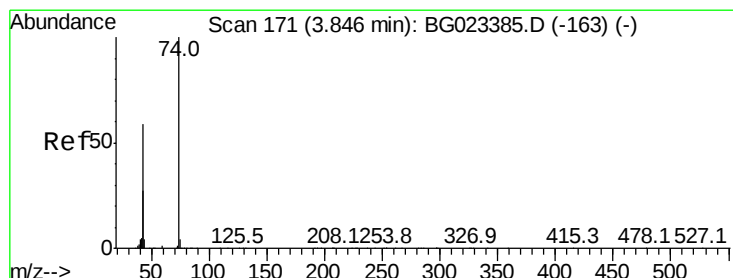
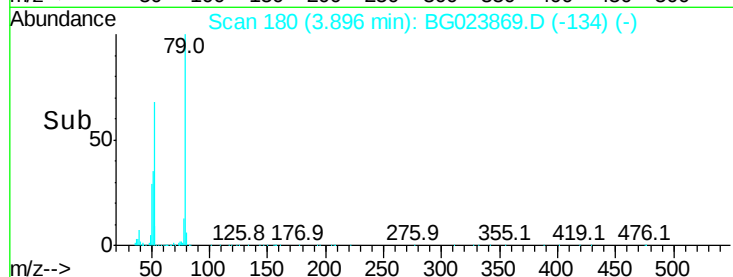
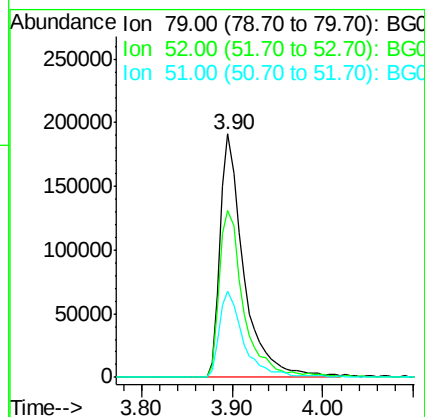
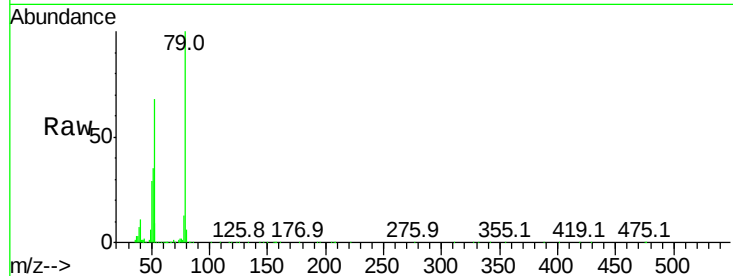
ClientSampleId :

SB-14B(13-15)MSD

Tot Ion:	79	Resp:	344738
Ion Ratio	Lower	Upper	
79	100		
52	68.4	51.8	77.8
51	35.4	32.7	49.1

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#4

n-Nitrosodimethylamine

Concen: 53.61 ng

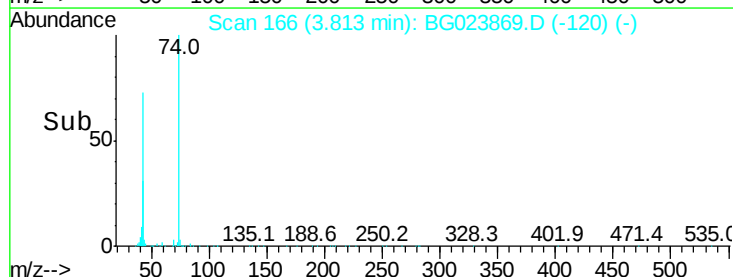
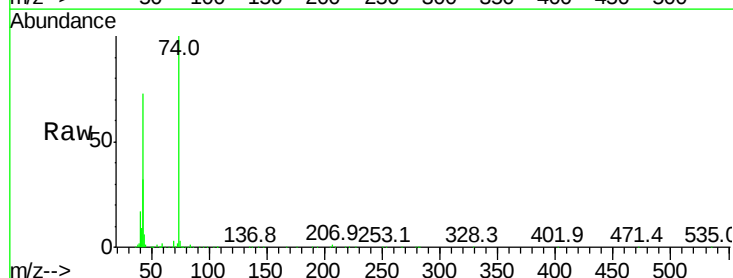
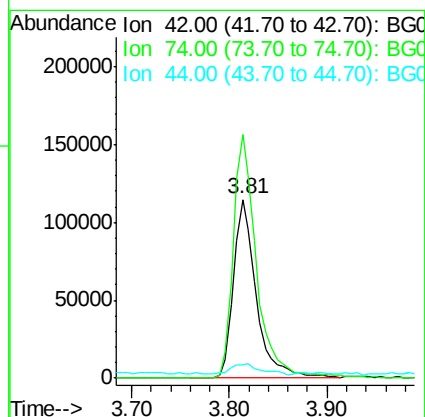
RT: 3.81 min Scan# 166

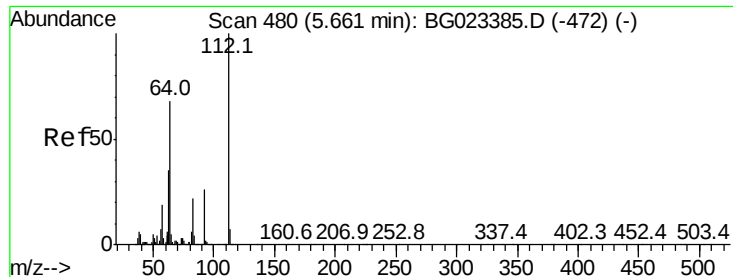
Delta R.T. -0.03 min

Lab File: BG023869.D

Acq: 24 Aug 2016 1:07

Tgt Ion:	42	Resp:	186176
Ion Ratio	Lower	Upper	
42	100		
74	136.2	100.6	150.8
44	7.7	4.5	6.7#





#5

2-Fluorophenol

Concen: 142.02 ng

RT: 5.63 min Scan# 476

Delta R.T. -0.03 min

Lab File: BG023869.D

Acq: 24 Aug 2016 1:07

Instrument :

BNA_G

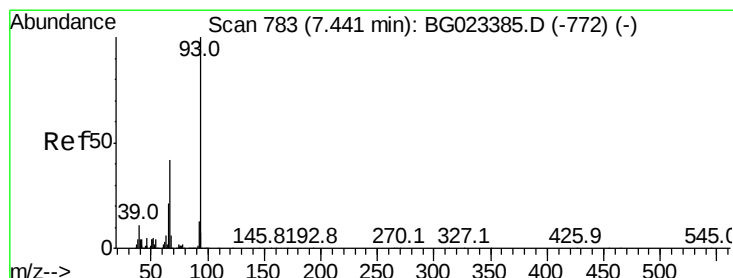
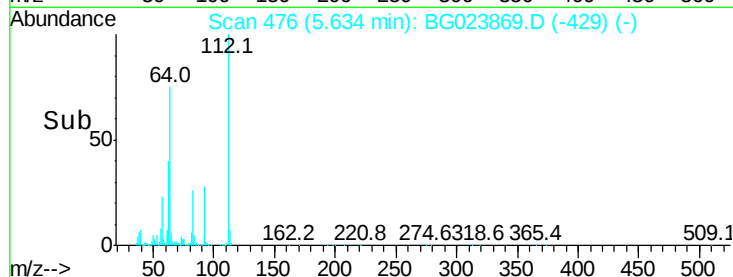
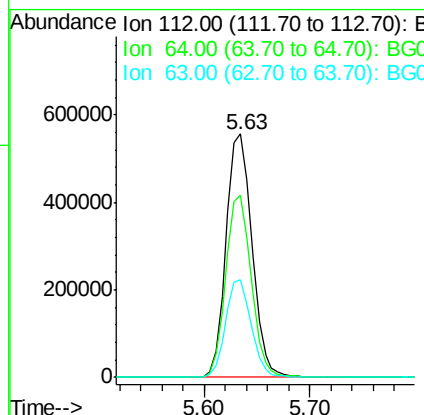
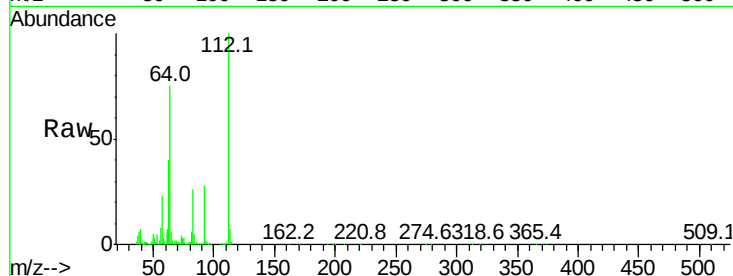
ClientSampleId :

SB-14B(13-15)MSD

Tot Ion:	112	Resp:	950029
Ion Ratio	Lower	Upper	
112	100		
64	74.7	59.0	88.4
63	40.1	37.8	56.8

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#6

Aniline

Concen: 23.04 ng

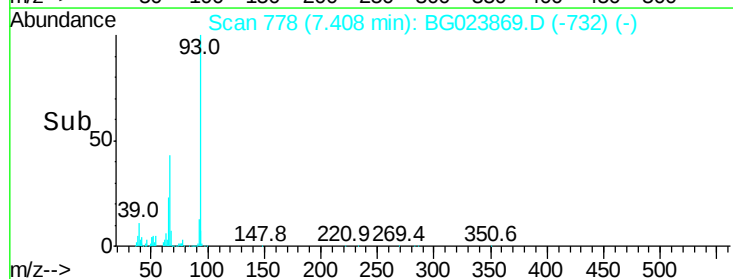
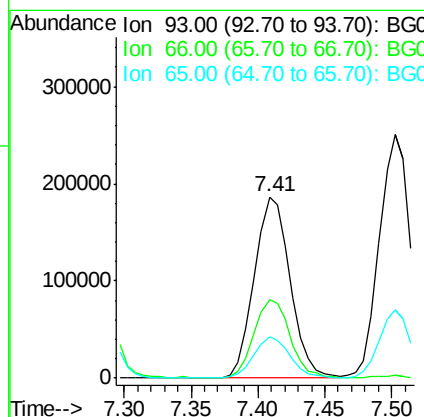
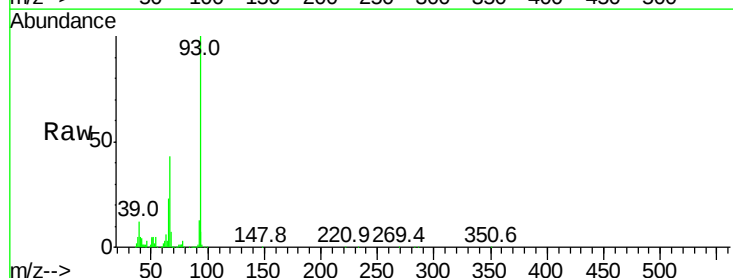
RT: 7.41 min Scan# 778

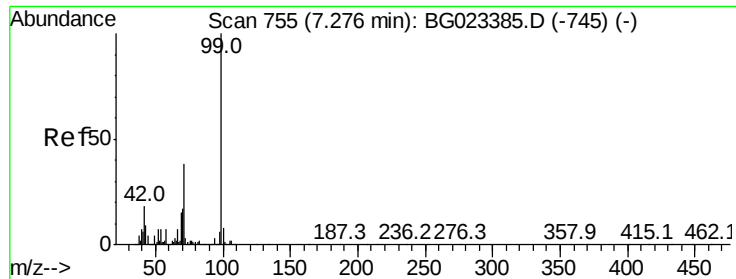
Delta R.T. -0.03 min

Lab File: BG023869.D

Acq: 24 Aug 2016 1:07

Tgt Ion:	93	Resp:	346773
Ion Ratio	Lower	Upper	
93	100		
66	43.3	37.5	56.3
65	22.6	17.9	26.9





#7

Phenol-d6

Concen: 132.93 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.03 min

Lab File: BG023869.D

Acq: 24 Aug 2016 1:07

Instrument :

BNA_G

ClientSampleId :

SB-14B(13-15)MSD

Tot Ion: 99 Resp: 1385009

Ion Ratio Lower Upper

99 100

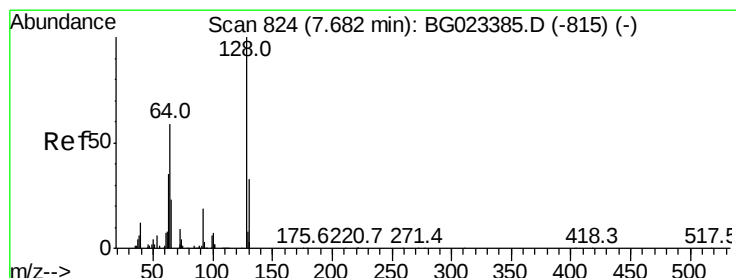
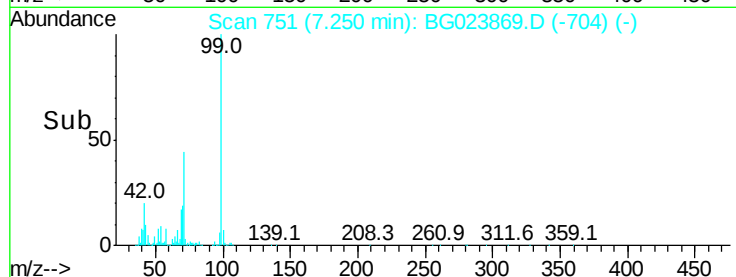
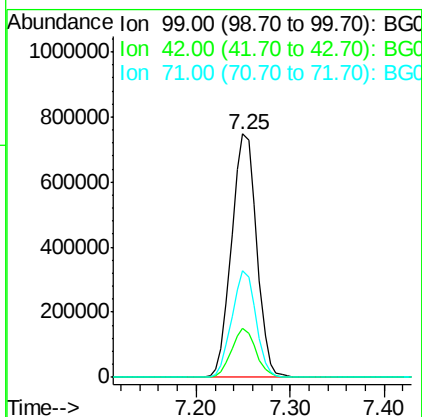
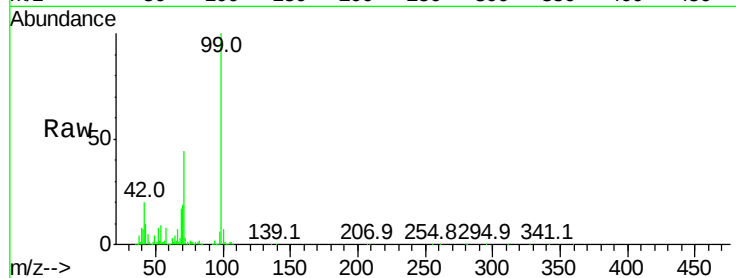
42 20.1 17.8 26.6

71 43.6 41.5 62.3

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#8

2-Chlorophenol

Concen: 48.30 ng

RT: 7.66 min Scan# 820

Delta R.T. -0.03 min

Lab File: BG023869.D

Acq: 24 Aug 2016 1:07

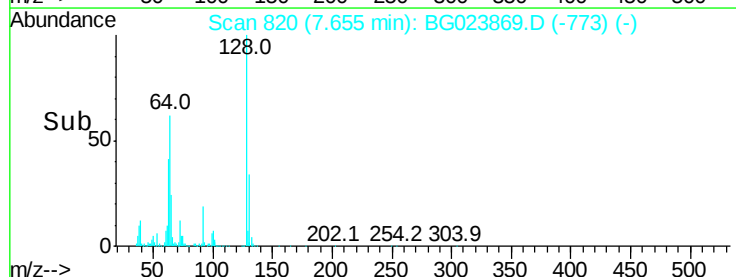
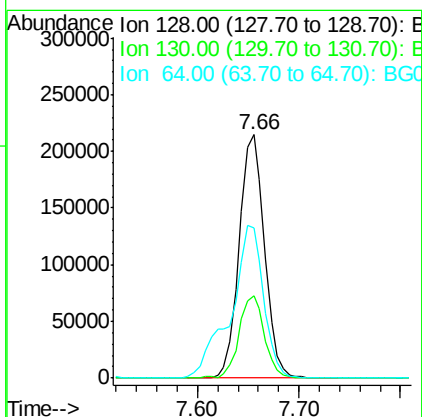
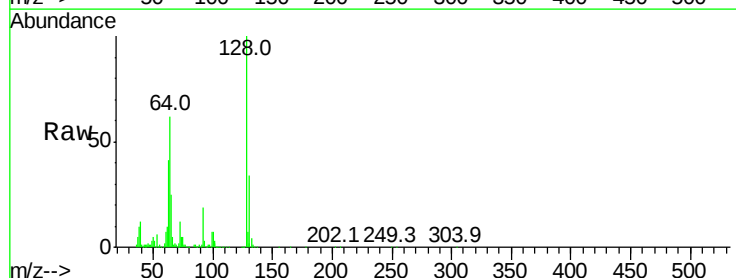
Tgt Ion: 128 Resp: 371225

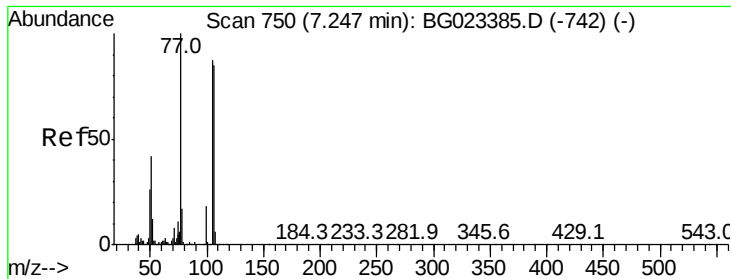
Ion Ratio Lower Upper

128 100

130 33.8 12.9 52.9

64 61.9 42.0 82.0





#9

Benzaldehyde

Concen: 16.55 ng

RT: 7.22 min Scan# 746

Delta R.T. -0.03 min

Lab File: BG023869.D

Acq: 24 Aug 2016 1:07

Instrument :

BNA_G

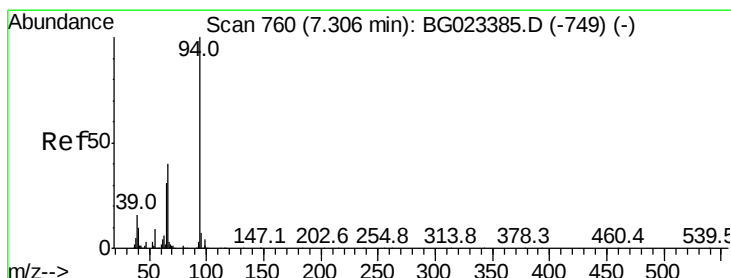
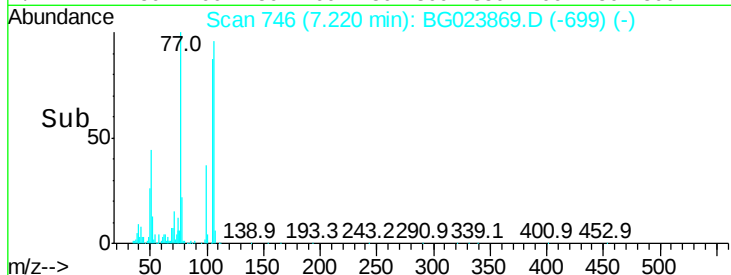
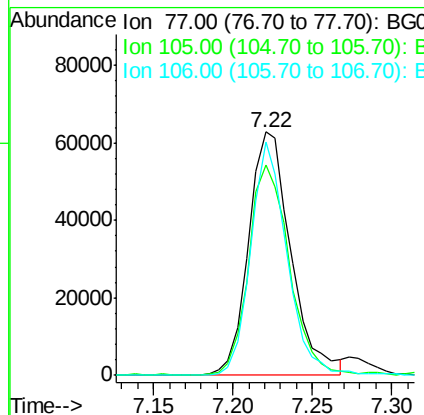
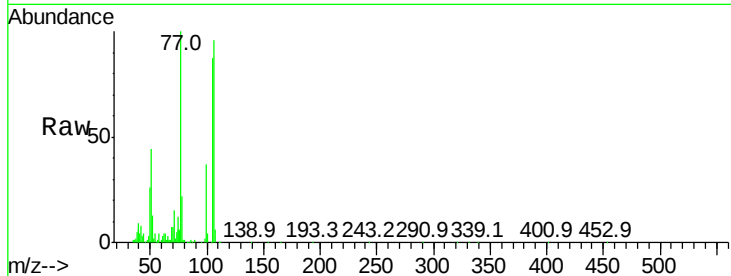
ClientSampleId :

SB-14B(13-15)MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	86.5	58.7	98.7	
106	95.8	67.5	107.5	

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#10

Phenol

Concen: 49.32 ng

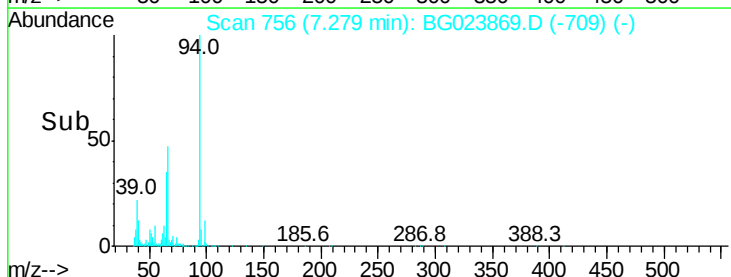
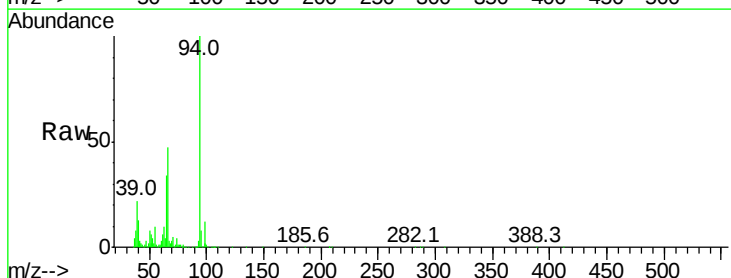
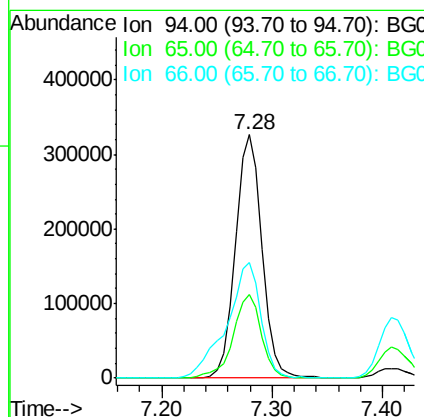
RT: 7.28 min Scan# 756

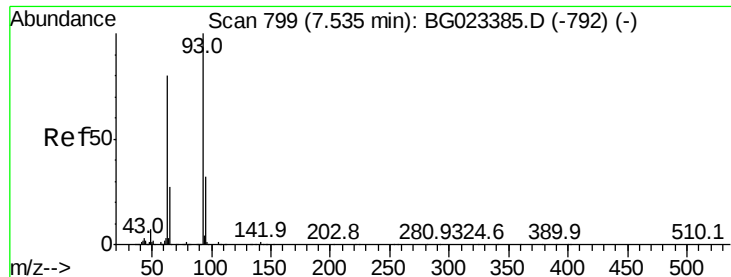
Delta R.T. -0.03 min

Lab File: BG023869.D

Acq: 24 Aug 2016 1:07

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	34.5	18.1	58.1	
66	47.3	42.1	82.1	





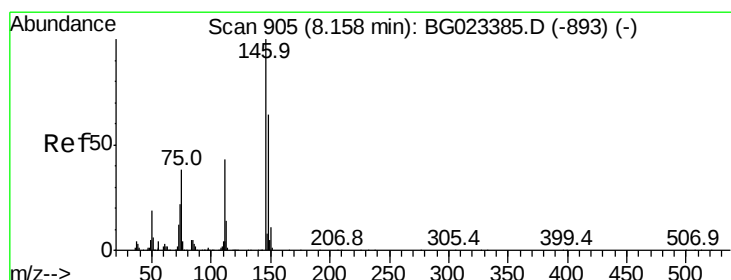
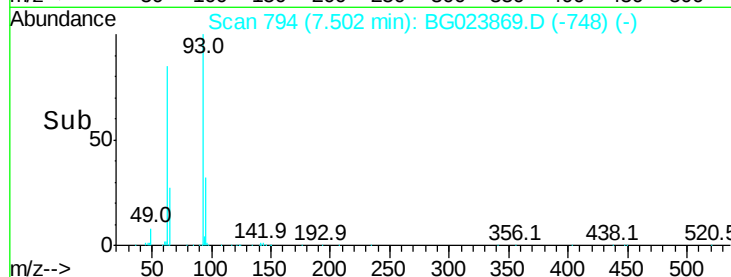
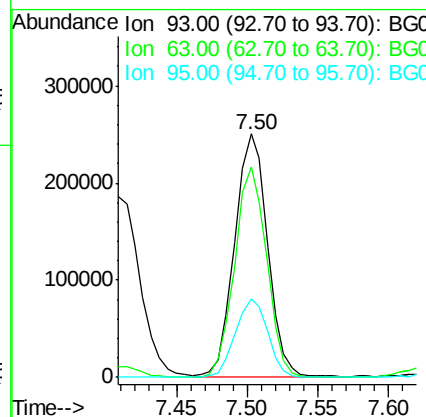
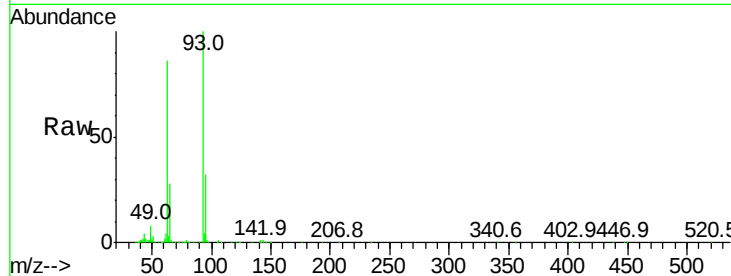
#11
bis(2-Chloroethyl)ether
Concen: 45.61 ng
RT: 7.50 min Scan# 794
Delta R.T. -0.03 min
Lab File: BG023869.D
Acq: 24 Aug 2016 1:07

Instrument :
BNA_G
ClientSampleId :
SB-14B(13-15)MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	86.4	55.0	95.0	
95	32.1	11.0	51.0	

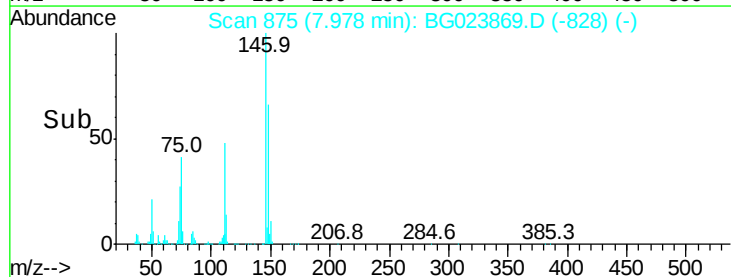
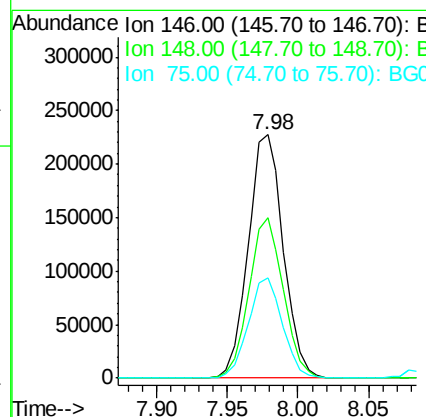
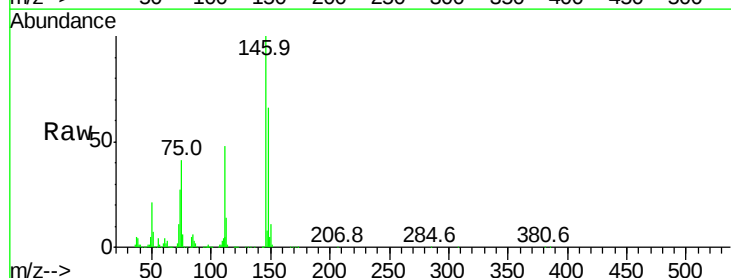
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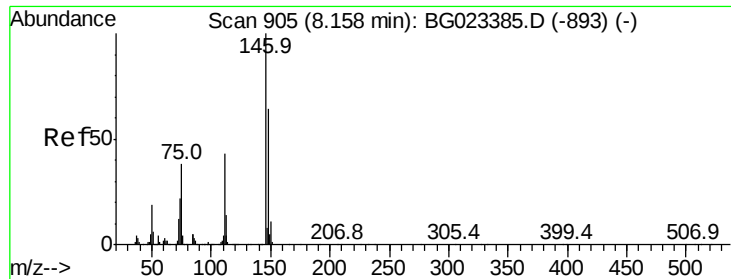
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#12
1,3-Dichlorobenzene
Concen: 44.86 ng
RT: 7.98 min Scan# 875
Delta R.T. -0.03 min
Lab File: BG023869.D
Acq: 24 Aug 2016 1:07

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	66.0	50.3	75.5	
75	41.2	37.0	55.6	





#13

1,4-Dichlorobenzene

Concen: 45.40 ng

RT: 8.13 min Scan# 900

Delta R.T. -0.03 min

Lab File: BG023869.D

Acq: 24 Aug 2016 1:07

Instrument :

BNA_G

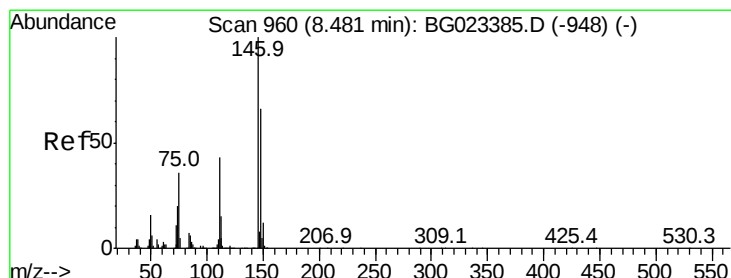
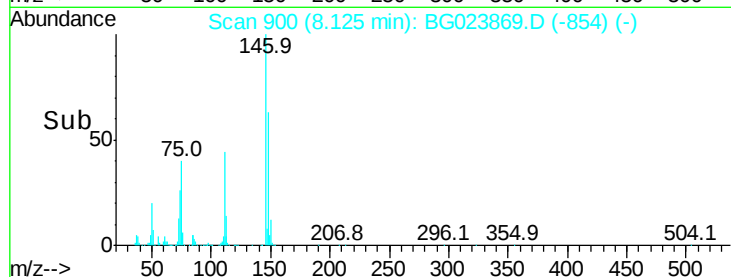
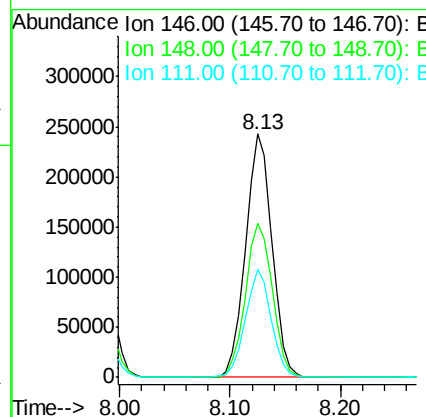
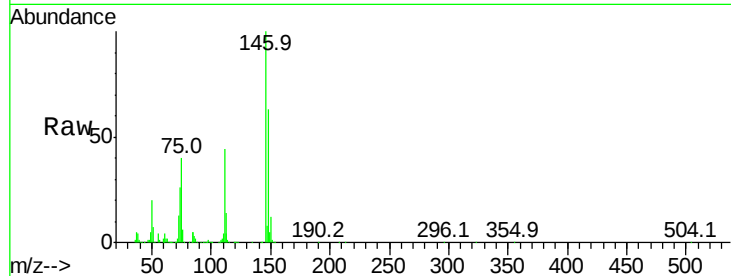
ClientSampleId :

SB-14B(13-15)MSD

Tot Ion:	146	Resp:	408892
Ion Ratio	Lower	Upper	
146	100		
148	63.5	54.5	81.7
111	44.3	37.8	56.8

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#14

1,2-Dichlorobenzene

Concen: 44.92 ng

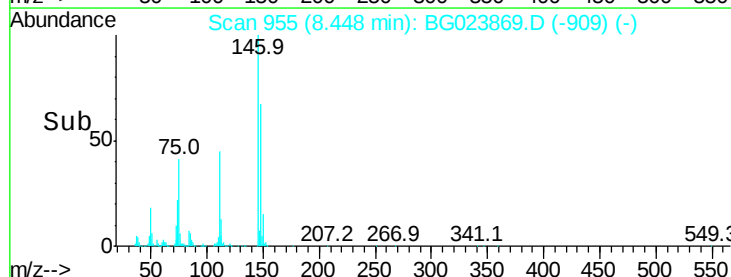
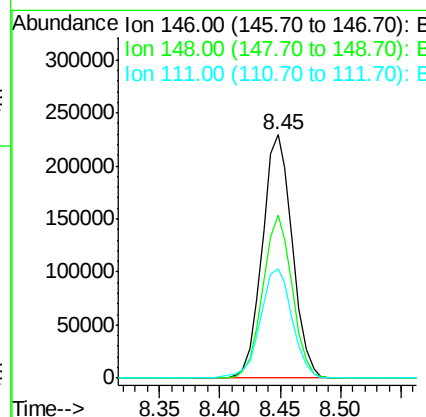
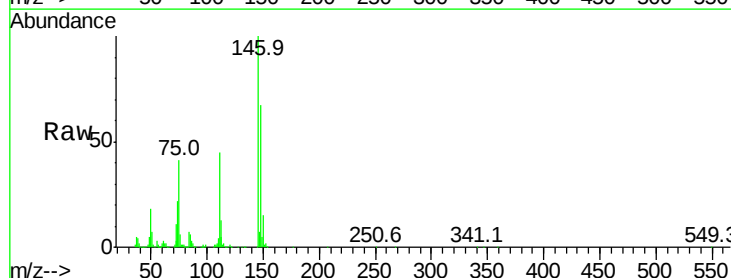
RT: 8.45 min Scan# 955

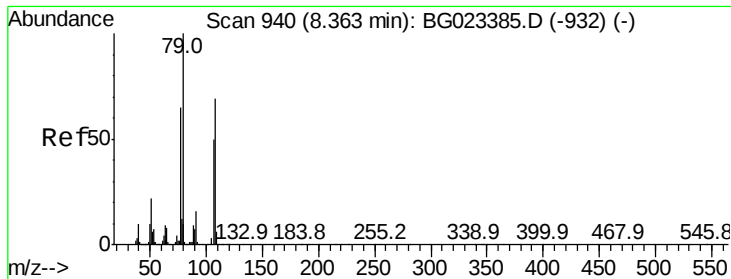
Delta R.T. -0.03 min

Lab File: BG023869.D

Acq: 24 Aug 2016 1:07

Tgt Ion:	146	Resp:	396872
Ion Ratio	Lower	Upper	
146	100		
148	66.9	52.9	79.3
111	44.6	43.5	65.3





#15

Benzyl Alcohol

Concen: 55.83 ng

RT: 8.34 min Scan# 936

Delta R.T. -0.03 min

Lab File: BG023869.D

Acq: 24 Aug 2016 1:07

Instrument :

BNA_G

ClientSampleId :

SB-14B(13-15)MSD

Tot Ion: 79 Resp: 440772

Ion Ratio Lower Upper

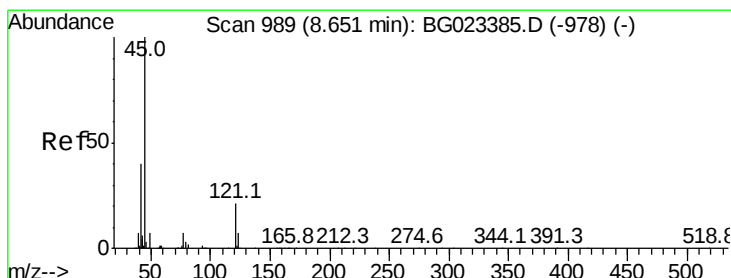
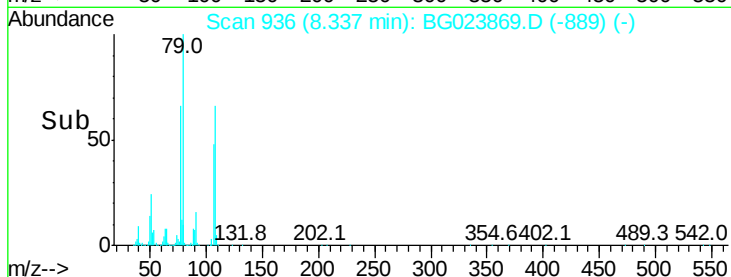
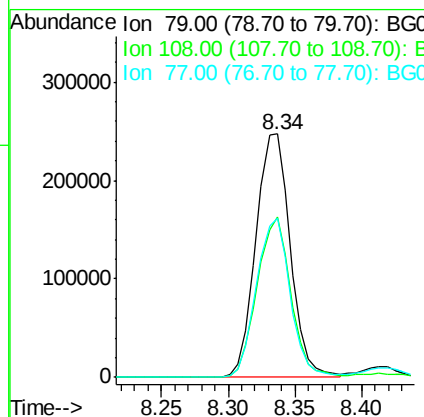
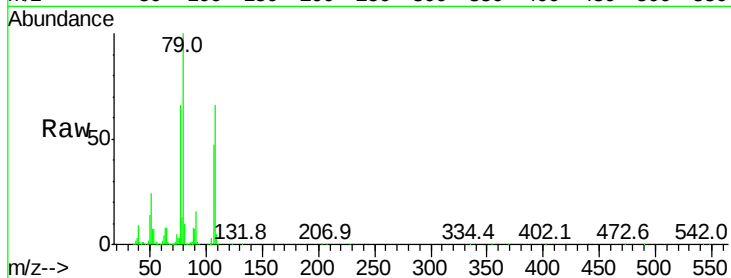
79 100

108 66.1 46.5 69.7

77 65.6 52.3 78.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.44 ng

RT: 8.62 min Scan# 985

Delta R.T. -0.03 min

Lab File: BG023869.D

Acq: 24 Aug 2016 1:07

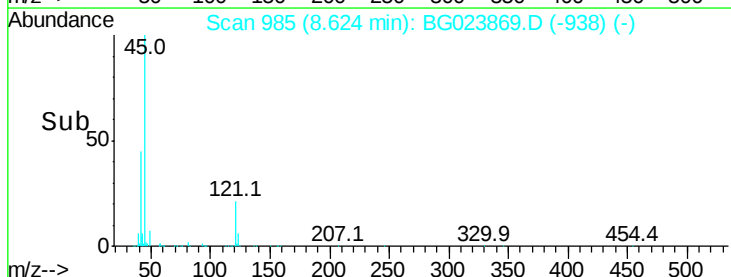
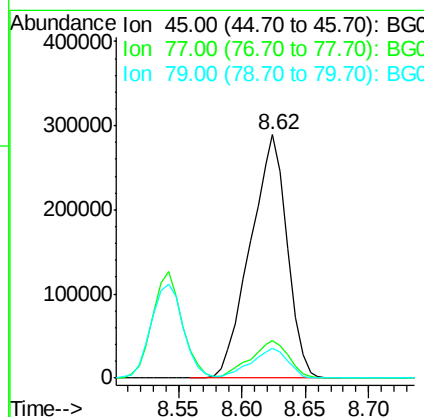
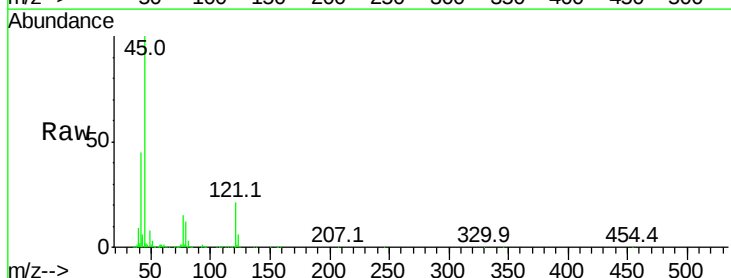
Tgt Ion: 45 Resp: 581074

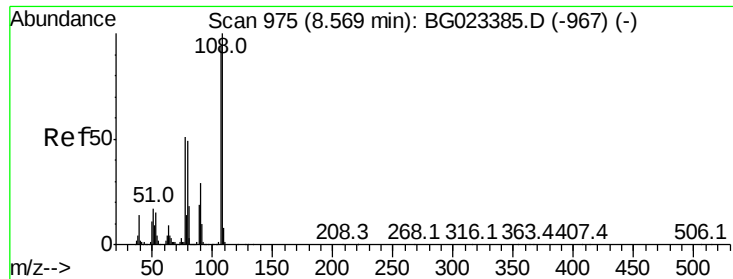
Ion Ratio Lower Upper

45 100

77 15.2 0.6 40.6

79 12.2 0.0 36.2





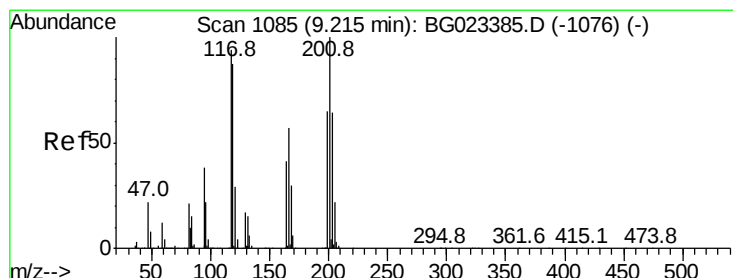
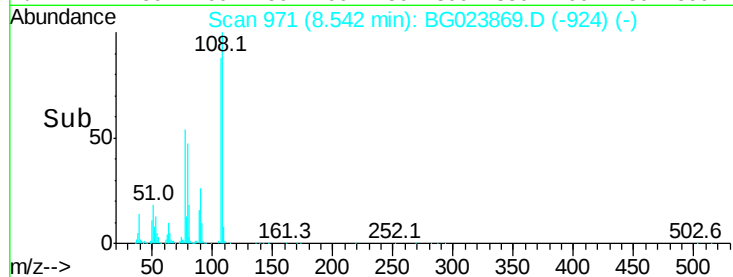
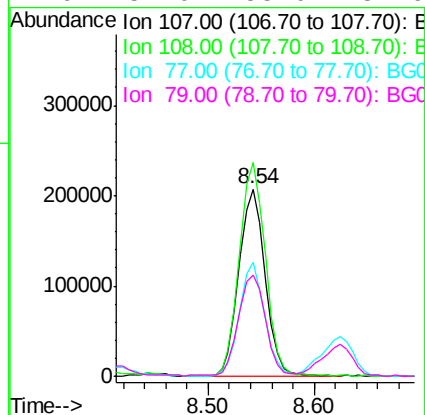
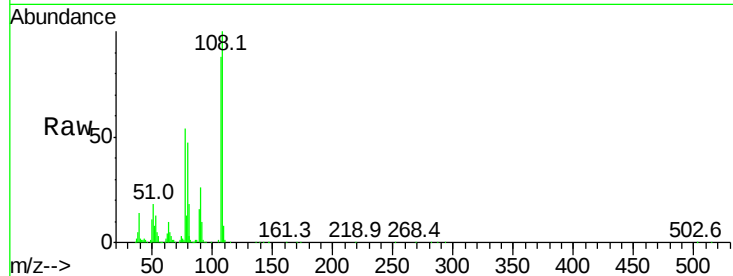
#17
2-Methylphenol
Concen: 47.40 ng
RT: 8.54 min Scan# 971
Delta R.T. -0.03 min
Lab File: BG023869.D
Acq: 24 Aug 2016 1:07

Instrument :
BNA_G
ClientSampleId :
SB-14B(13-15)MSD

Tot Ion	Ratio	Resp Lower	Upper
107	100		
108	113.9	92.0	138.0
77	61.0	55.8	83.6
79	54.0	55.0	82.6

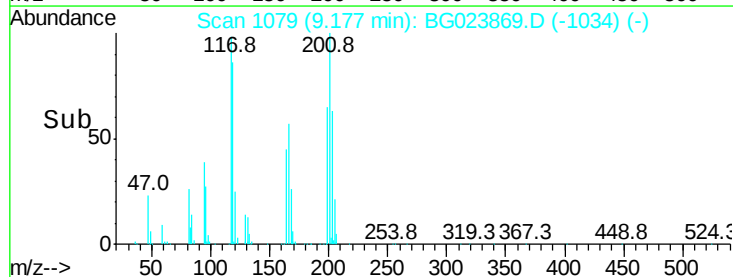
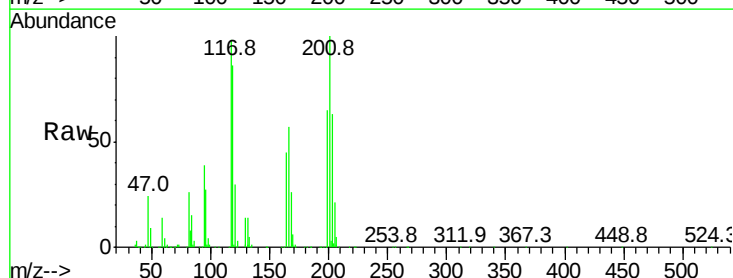
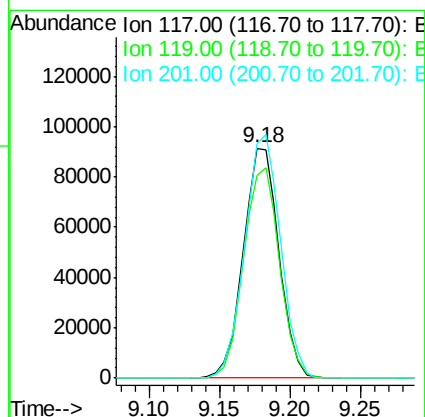
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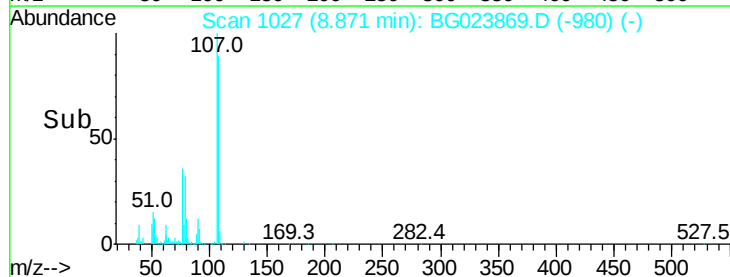
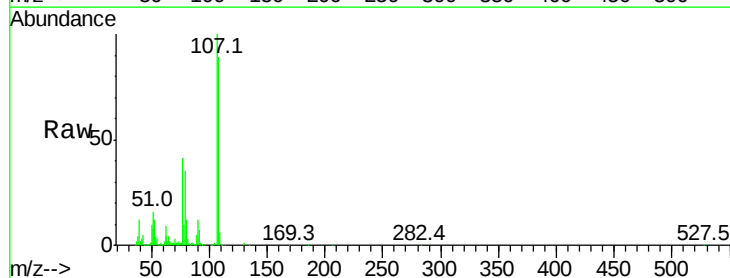
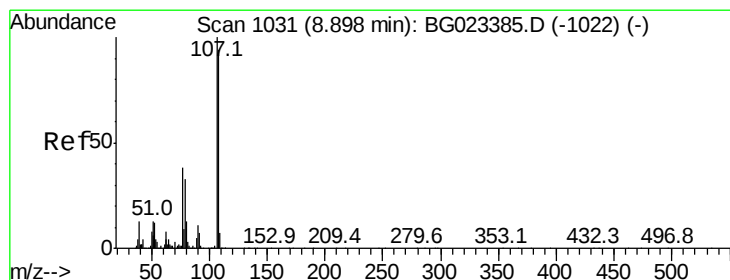
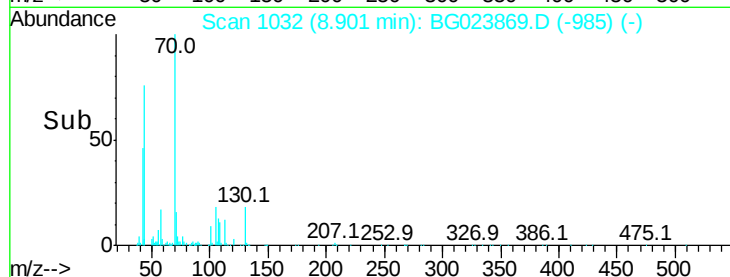
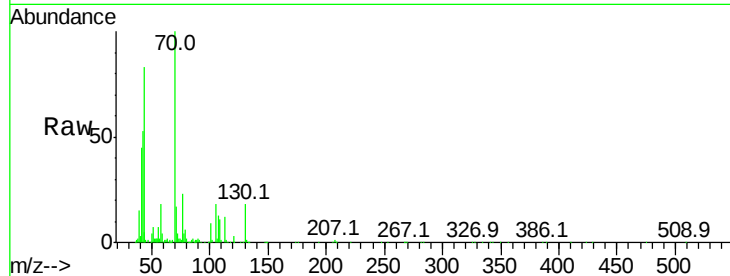
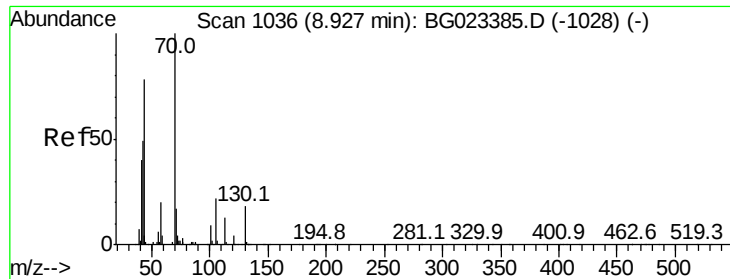
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#18
Hexachloroethane
Concen: 47.72 ng
RT: 9.18 min Scan# 1079
Delta R.T. -0.04 min
Lab File: BG023869.D
Acq: 24 Aug 2016 1:07

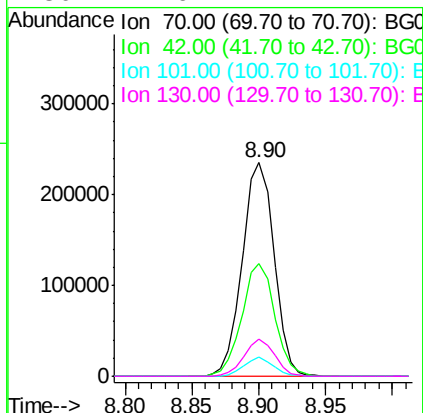
Tgt Ion	Ratio	Resp Lower	Upper
117	100		
119	87.9	73.7	110.5
201	102.0	88.7	133.1





#19
n-Nitroso-di-n-propylamine
Concen: 43.27 ng
RT: 8.90 min Scan# 1032
Delta R.T. -0.03 min
Lab File: BG023869.D
Acq: 24 Aug 2016 1:07

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		387782		
42	52.7	42.1	63.1		
101	9.1	7.2	10.8		
130	17.6	14.2	21.2		



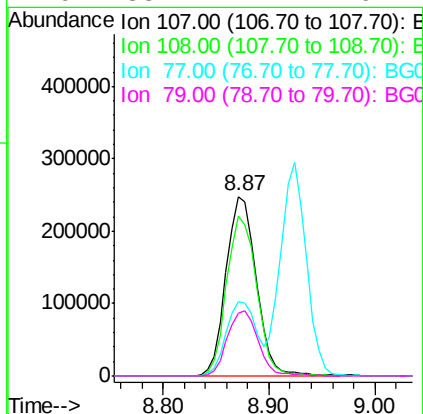
Instrument :
BNA_G
ClientSampleId :
SB-14B(13-15)MSD

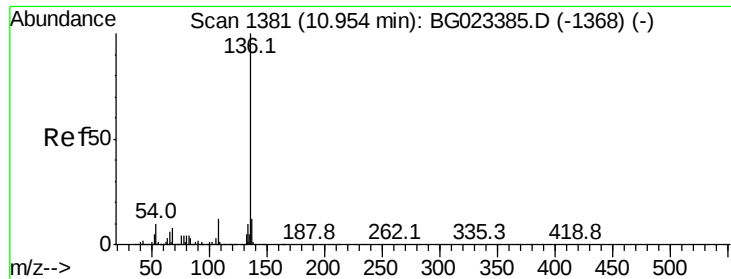
Manual Integrations
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#20
3+4-Methylphenols
Concen: 46.49 ng
RT: 8.87 min Scan# 1027
Delta R.T. -0.03 min
Lab File: BG023869.D
Acq: 24 Aug 2016 1:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		489714		
108	88.9	72.5	112.5		
77	41.3	30.1	70.1		
79	35.1	24.2	64.2		





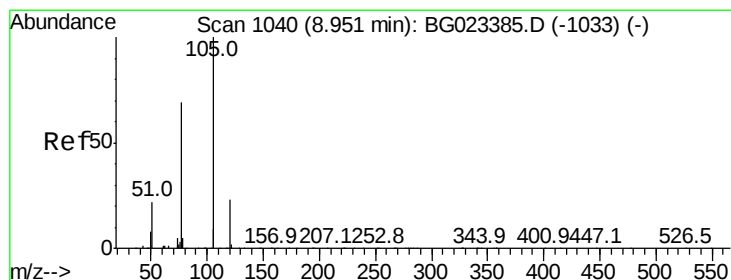
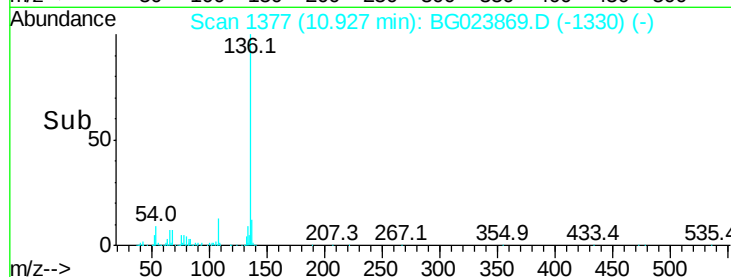
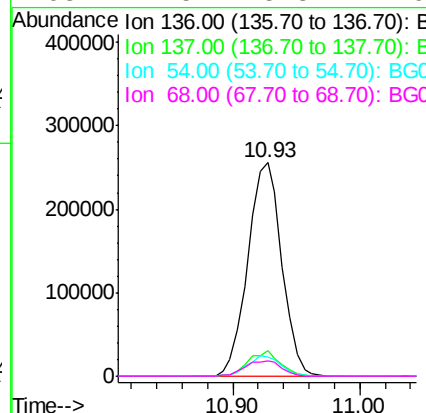
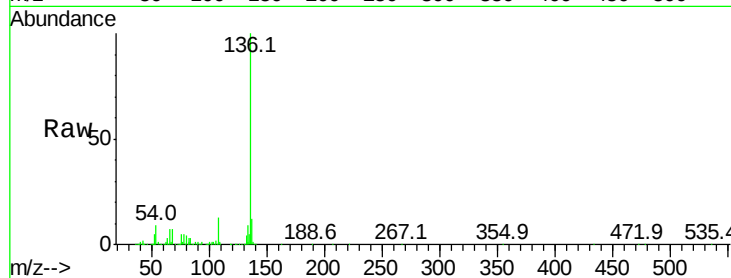
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.03 min
Lab File: BG023869.D
Acq: 24 Aug 2016 1:07

Instrument :
BNA_G
ClientSampleId :
SB-14B(13-15)MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	474249		
137	12.0		9.6	14.4
54	9.0		7.3	10.9
68	7.5		5.3	7.9

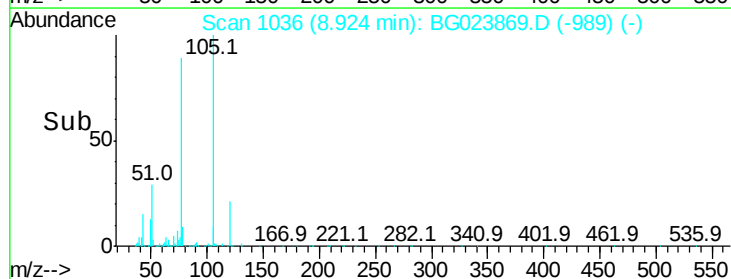
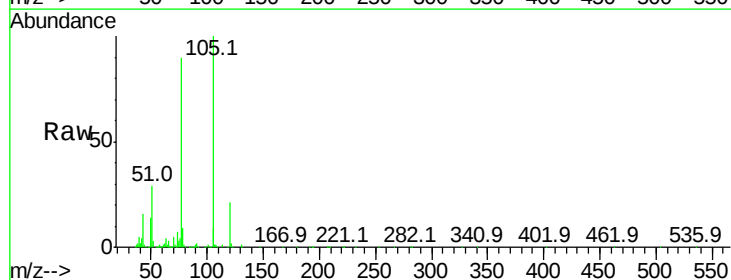
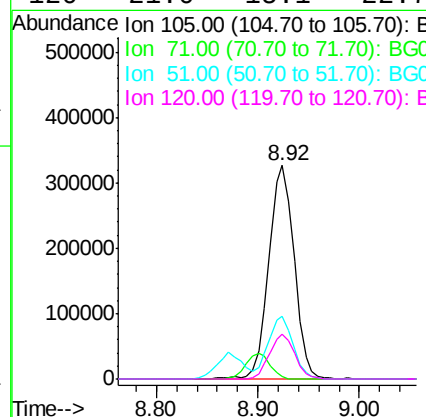
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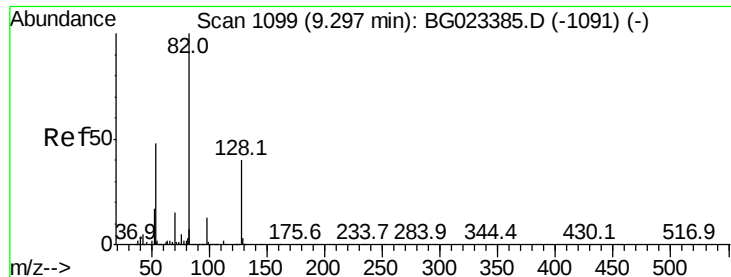
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#22
Acetophenone
Concen: 43.78 ng
RT: 8.92 min Scan# 1036
Delta R.T. -0.03 min
Lab File: BG023869.D
Acq: 24 Aug 2016 1:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	568464		
71	1.0		2.6	3.8#
51	29.3		27.1	40.7
120	21.0		15.1	22.7





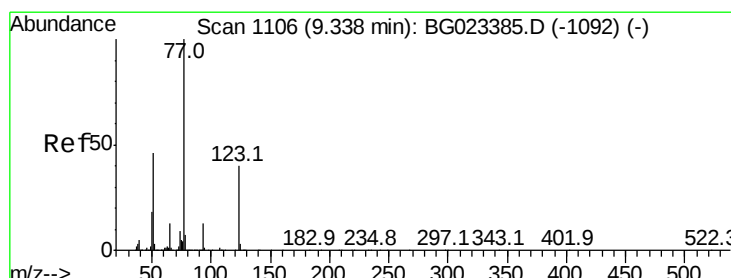
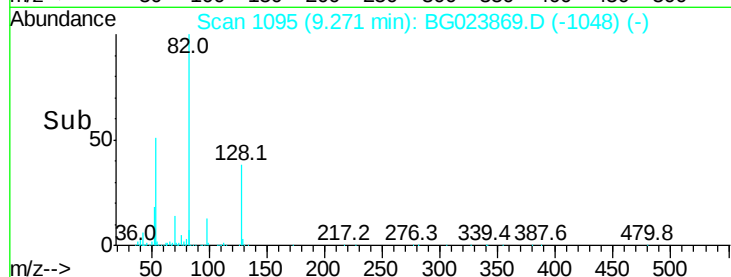
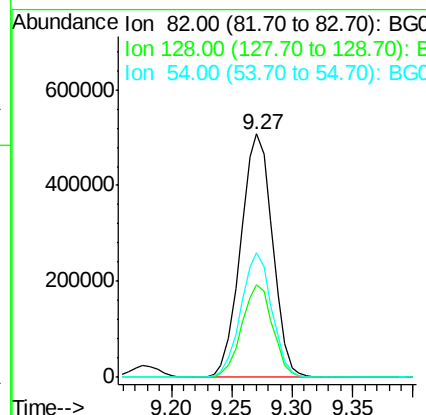
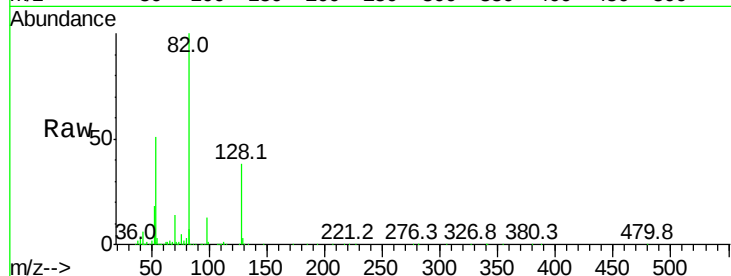
#23
 Nitrobenzene-d5
 Concen: 98.13 ng
 RT: 9.27 min Scan# 1095
 Delta R.T. -0.03 min
 Lab File: BG023869.D
 Acq: 24 Aug 2016 1:07

Instrument :
 BNA_G
 ClientSampleId :
 SB-14B(13-15)MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.0	24.4	36.6#
54	51.2	41.4	62.0

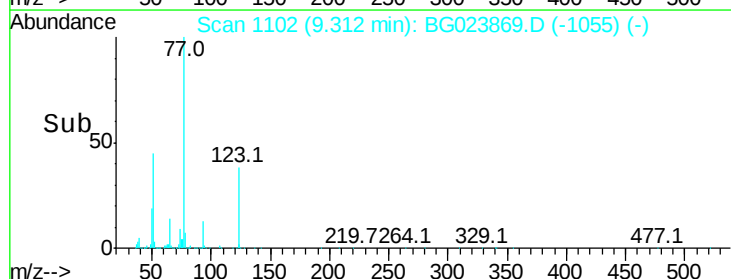
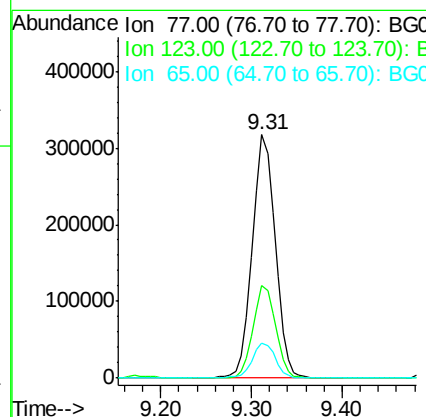
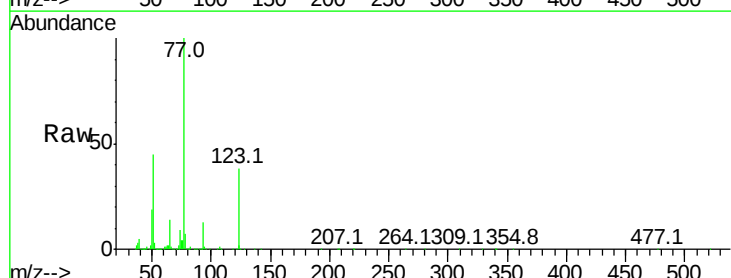
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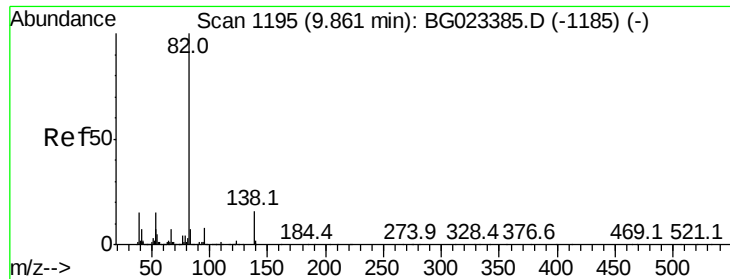
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#24
 Nitrobenzene
 Concen: 52.69 ng
 RT: 9.31 min Scan# 1102
 Delta R.T. -0.03 min
 Lab File: BG023869.D
 Acq: 24 Aug 2016 1:07

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.9	25.0	37.6#
65	14.3	13.4	20.0





#25

Isophorone

Concen: 50.12 ng

RT: 9.83 min Scan# 1191

Delta R.T. -0.03 min

Lab File: BG023869.D

Acq: 24 Aug 2016 1:07

Instrument :

BNA_G

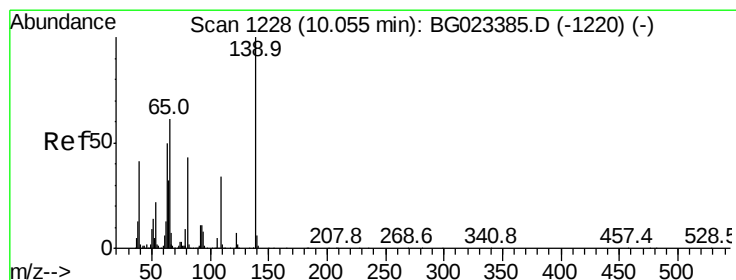
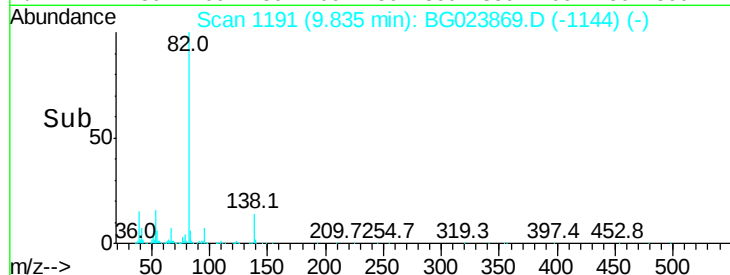
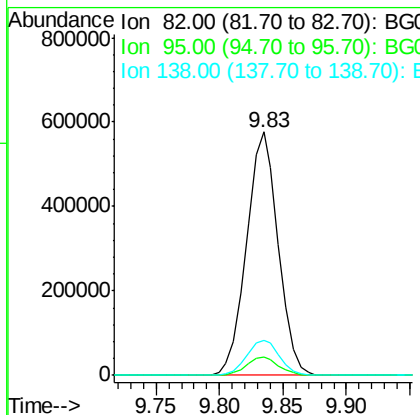
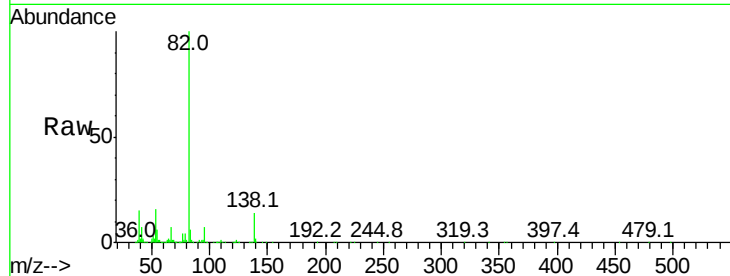
ClientSampleId :

SB-14B(13-15)MSD

Tot Ion	82	Resp	995865
Ion Ratio	Lower	Upper	
82	100		
95	7.4	8.2	12.2#
138	14.3	10.7	16.1

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#26

2-Nitrophenol

Concen: 52.66 ng

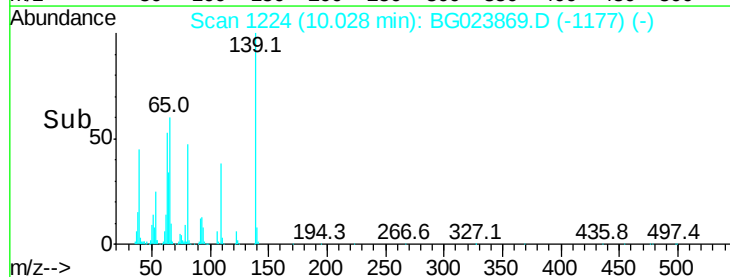
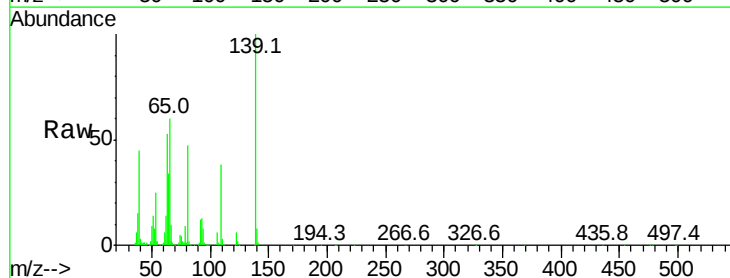
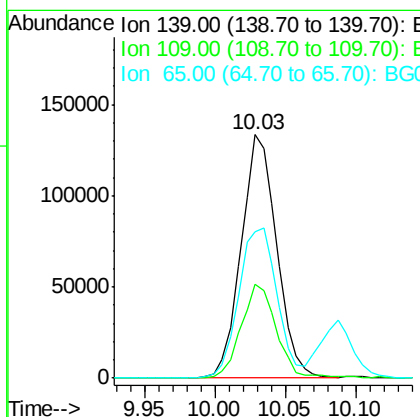
RT: 10.03 min Scan# 1224

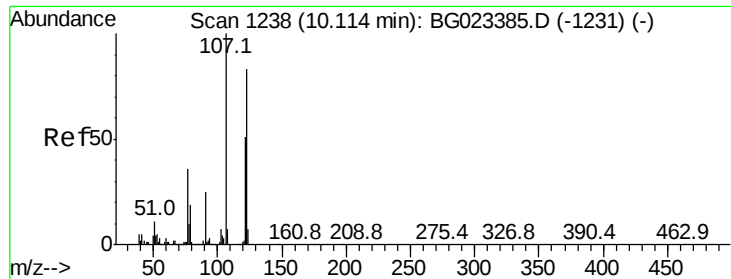
Delta R.T. -0.03 min

Lab File: BG023869.D

Acq: 24 Aug 2016 1:07

Tgt Ion	139	Resp	234756
Ion Ratio	Lower	Upper	
139	100		
109	38.4	43.5	65.3#
65	59.8	64.3	96.5#





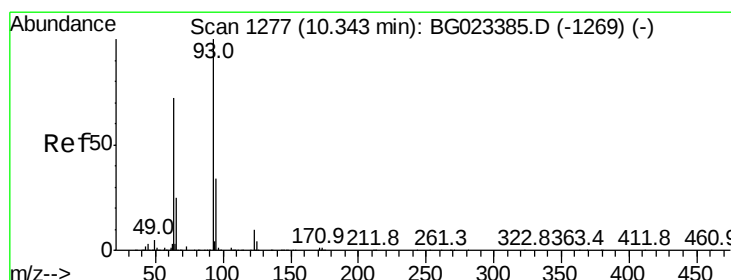
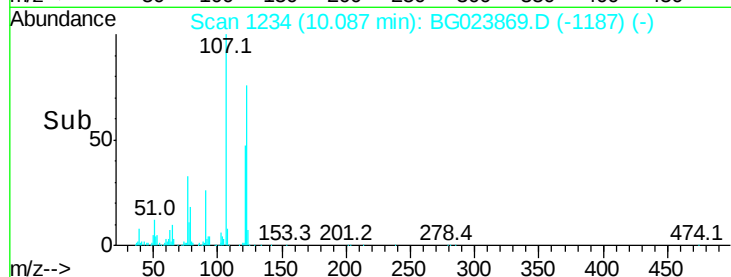
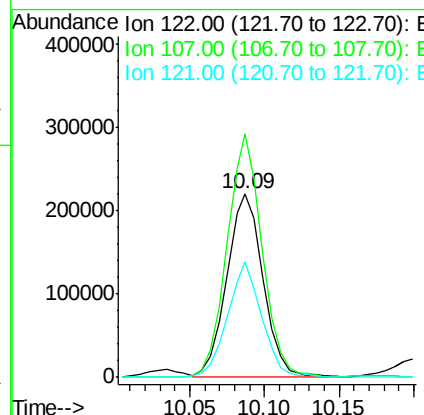
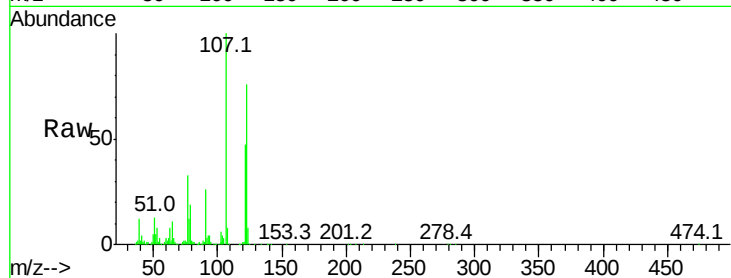
#27
2,4-Dimethylphenol
Concen: 49.04 ng
RT: 10.09 min Scan# 1234
Delta R.T. -0.03 min
Lab File: BG023869.D
Acq: 24 Aug 2016 1:07

Instrument :
BNA_G
ClientSampleId :
SB-14B(13-15)MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	132.4	117.0	175.4
121	62.8	50.1	75.1

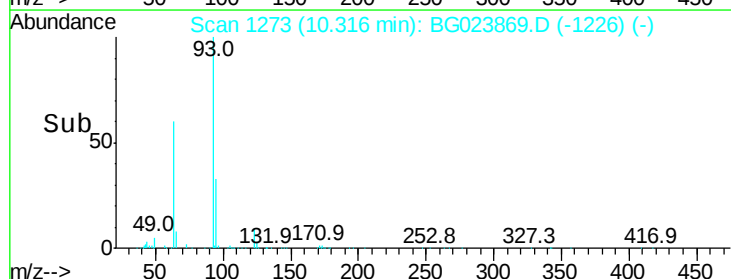
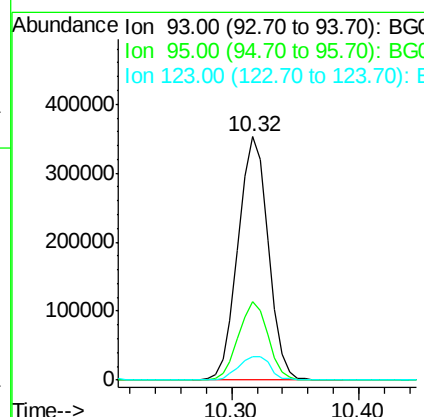
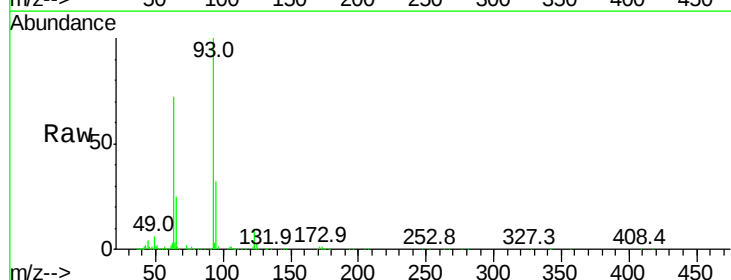
Manual Integrations
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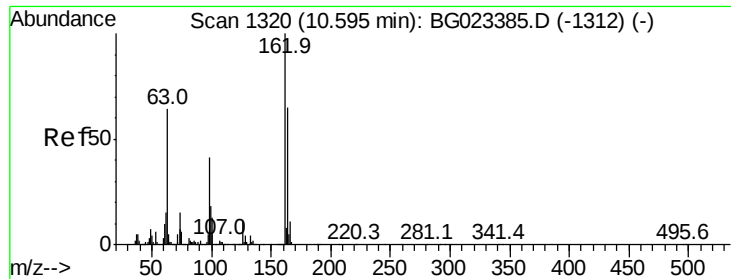
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#28
bis(2-Chloroethoxy)methane
Concen: 48.57 ng
RT: 10.32 min Scan# 1273
Delta R.T. -0.03 min
Lab File: BG023869.D
Acq: 24 Aug 2016 1:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	25.4	38.2
123	9.6	8.2	12.2





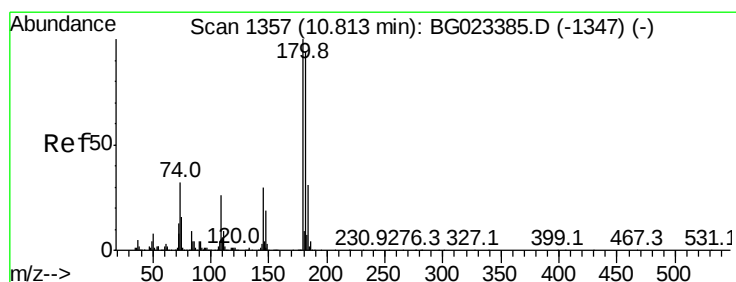
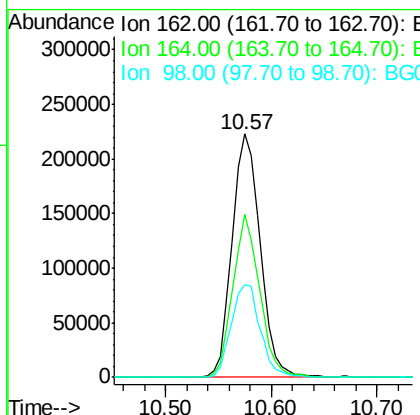
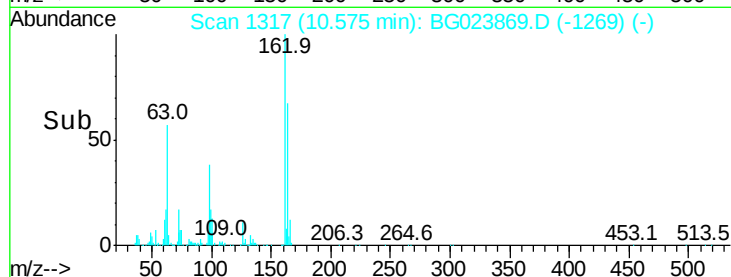
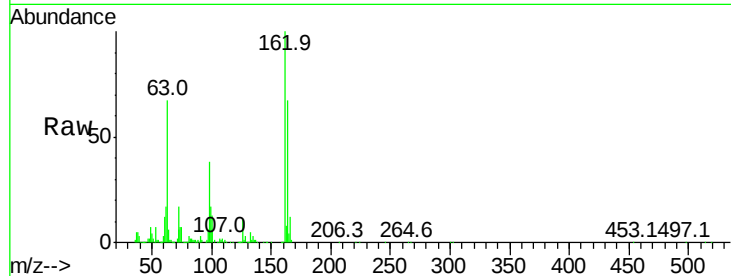
#29
 2,4-Dichlorophenol
 Concen: 53.77 ng
 RT: 10.57 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BG023869.D
 Acq: 24 Aug 2016 1:07

Instrument :
 BNA_G
 ClientSampleId :
 SB-14B(13-15)MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	410432		
164	66.7	44.3	84.3	
98	37.9	19.5	59.5	

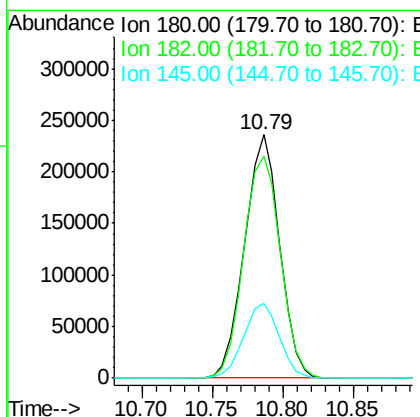
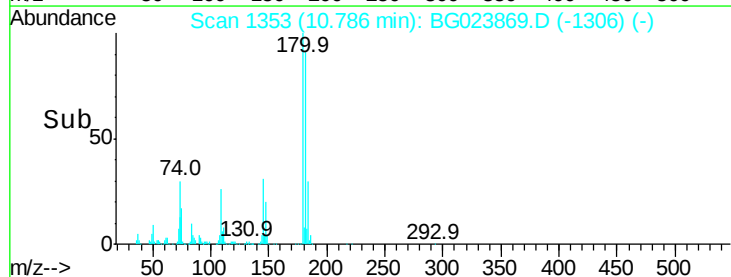
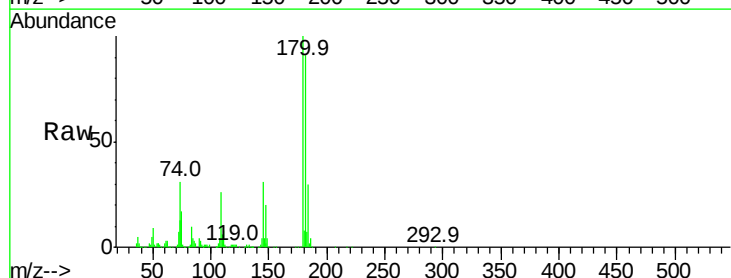
Manual Integrations
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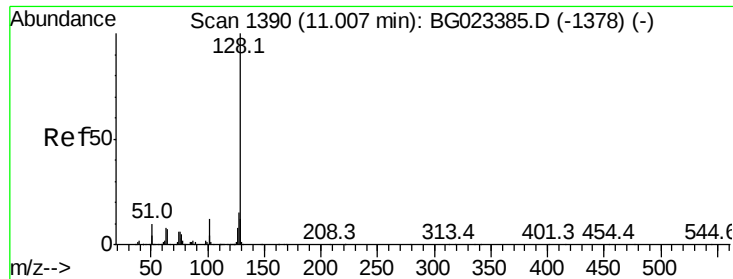
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#30
 1,2,4-Trichlorobenzene
 Concen: 49.97 ng
 RT: 10.79 min Scan# 1353
 Delta R.T. -0.03 min
 Lab File: BG023869.D
 Acq: 24 Aug 2016 1:07

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	411332		
182	90.9	73.8	110.8	
145	30.8	24.4	36.6	





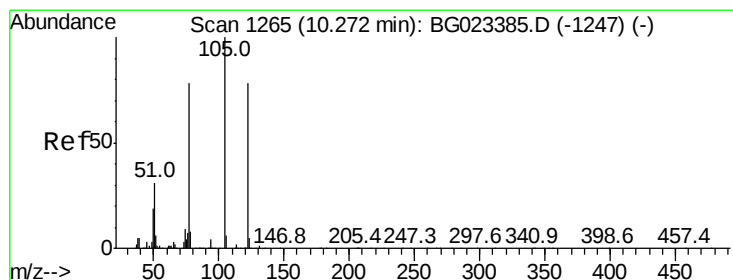
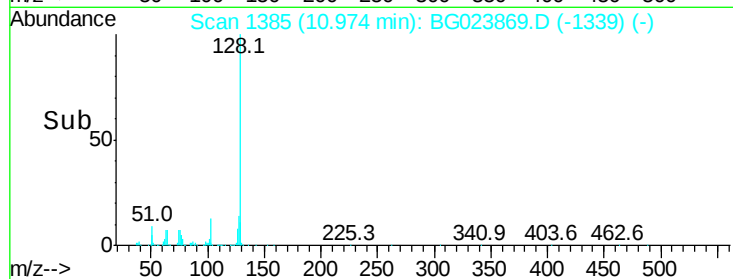
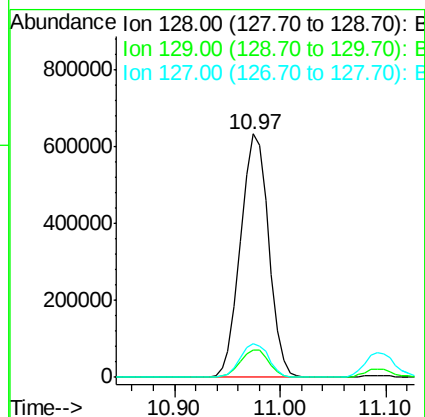
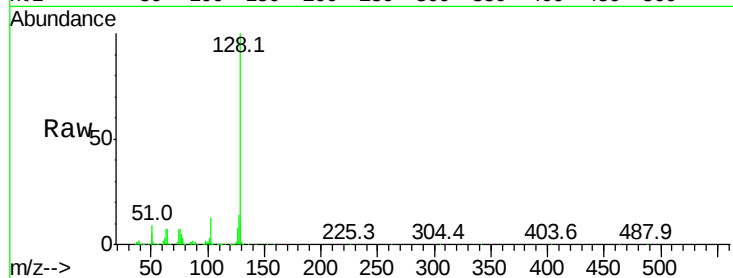
#31
Naphthalene
Concen: 48.36 ng
RT: 10.97 min Scan# 1385
Delta R.T. -0.03 min
Lab File: BG023869.D
Acq: 24 Aug 2016 1:07

Instrument :
BNA_G
ClientSampleId :
SB-14B(13-15)MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.4	14.0
127	13.6	11.3	16.9

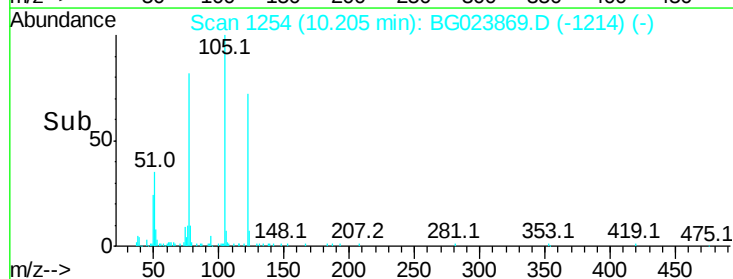
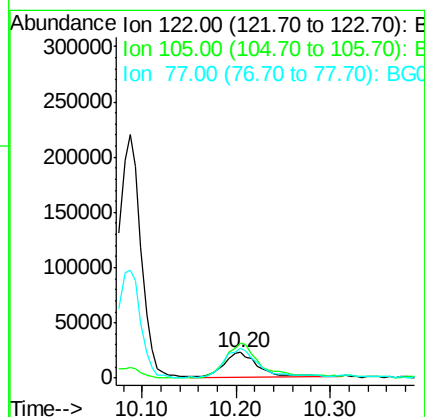
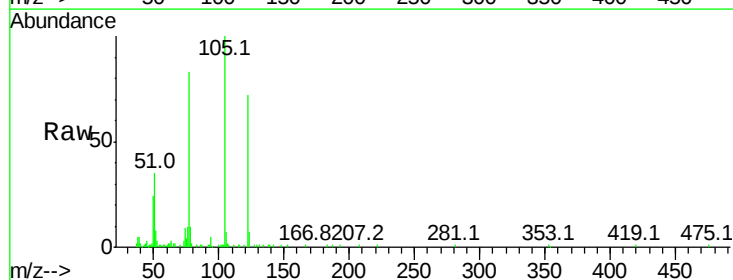
Manual Integrations
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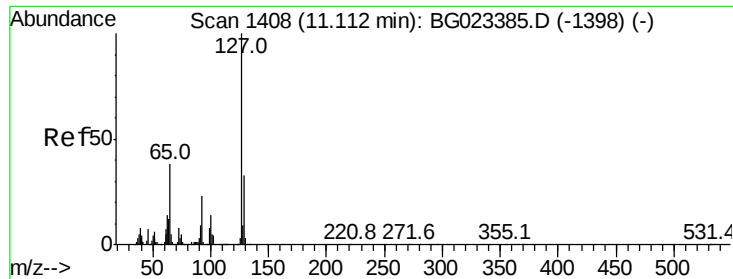
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#32
Benzoic acid
Concen: 13.73 ng
RT: 10.20 min Scan# 1254
Delta R.T. -0.07 min
Lab File: BG023869.D
Acq: 24 Aug 2016 1:07

Tgt Ion	Ratio	Lower	Upper
122	100		
105	139.4	117.2	157.2
77	116.0	109.2	149.2





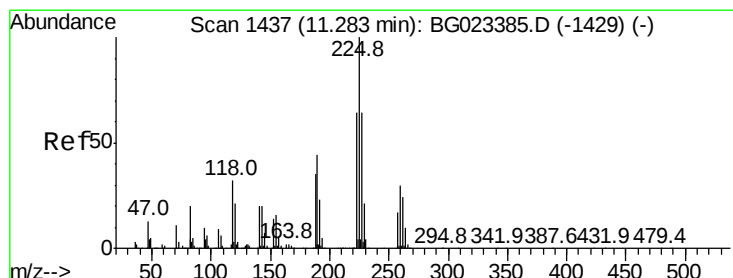
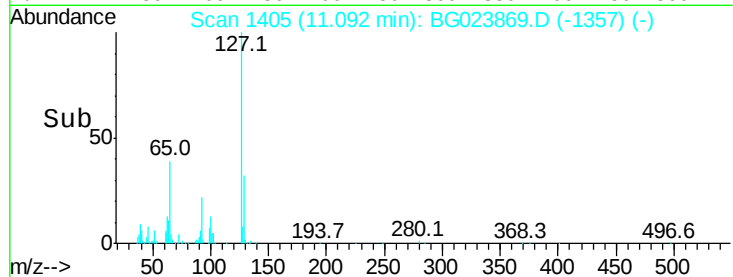
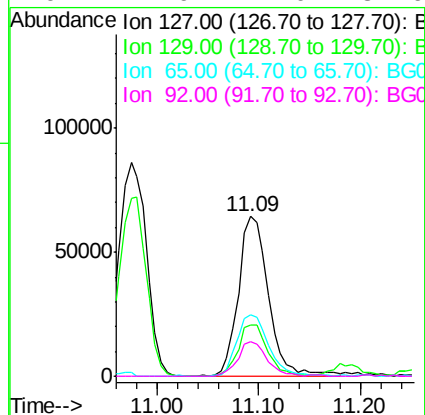
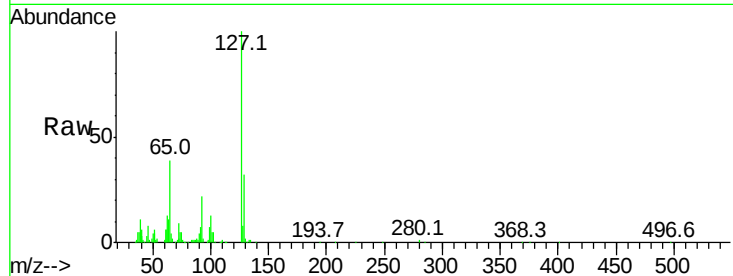
#33
4-Chloroaniline
Concen: 11.53 ng
RT: 11.09 min Scan# 1405
Delta R.T. -0.02 min
Lab File: BG023869.D
Acq: 24 Aug 2016 1:07

Instrument :
BNA_G
ClientSampleId :
SB-14B(13-15)MSD

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	32.4	27.9	41.9
65	38.7	36.8	55.2
92	21.9	21.0	31.6

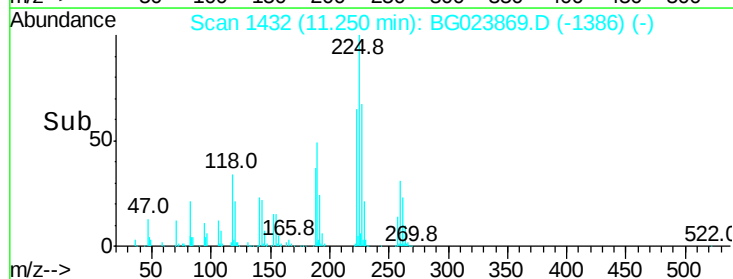
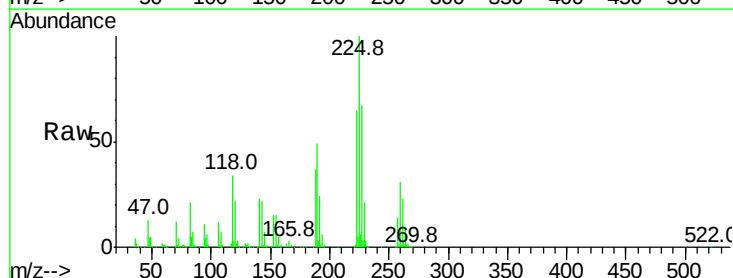
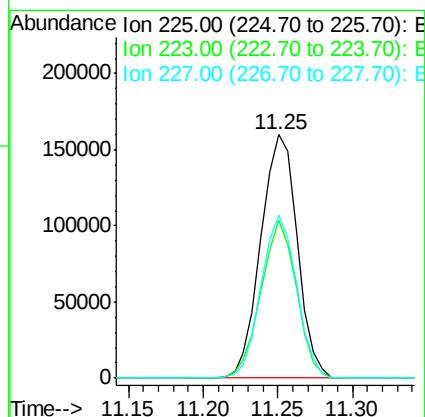
Manual Integrations
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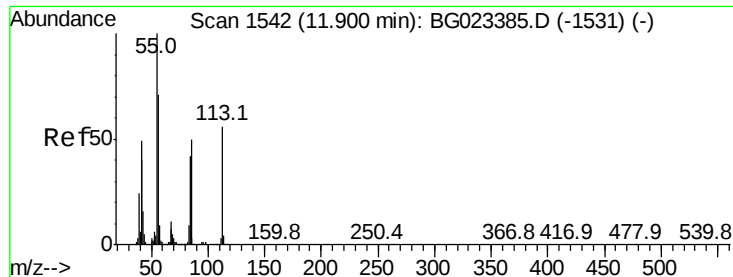
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#34
Hexachlorobutadiene
Concen: 49.93 ng
RT: 11.25 min Scan# 1432
Delta R.T. -0.03 min
Lab File: BG023869.D
Acq: 24 Aug 2016 1:07

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	64.8	49.6	74.4
227	67.1	54.5	81.7





#35

Caprolactam

Concen: 44.33 ng/ml

RT: 11.88 min Scan# 1539

Delta R.T. -0.02 min

Lab File: BG023869.D

Acq: 24 Aug 2016 1:07

Instrument :

BNA_G

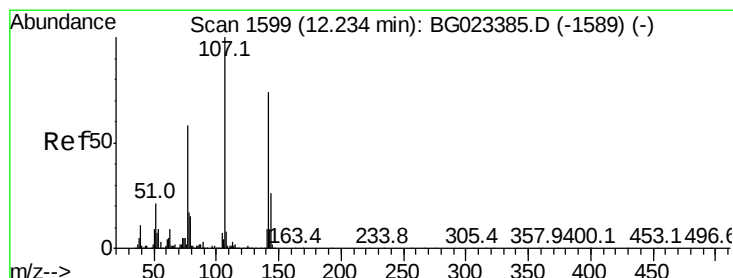
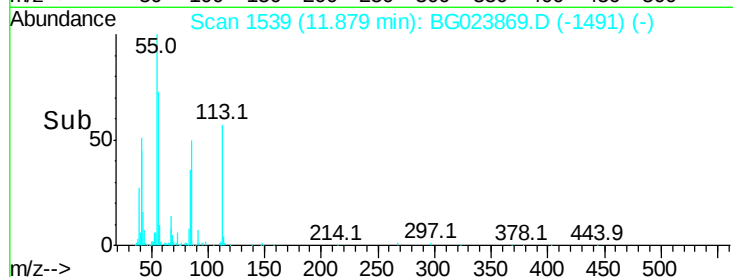
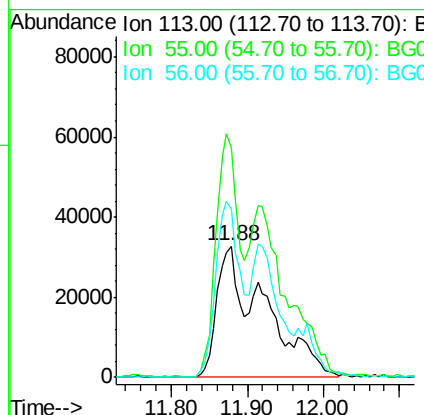
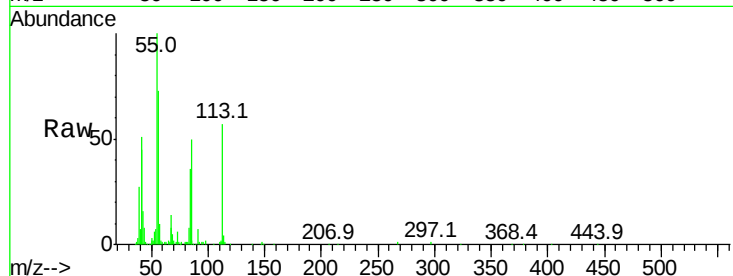
ClientSampleId :

SB-14B(13-15)MSD

Tot Ion:	113	Resp:	142380
Ion Ratio	Lower	Upper	
113	100		
55	174.7	154.5	194.5
56	128.2	125.1	165.1

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 49.20 ng/ml

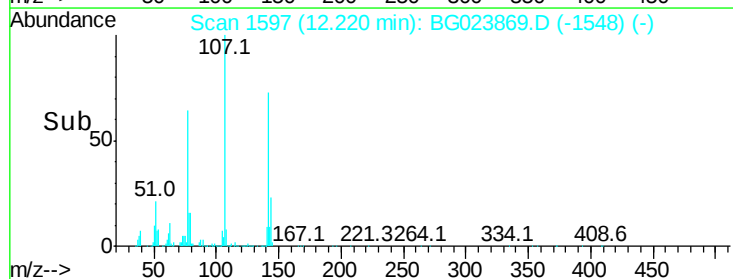
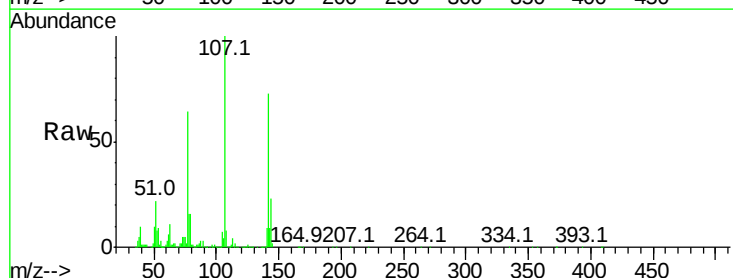
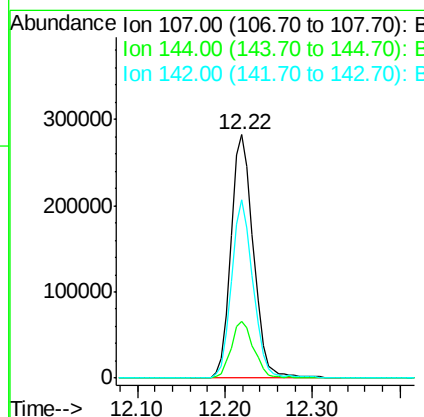
RT: 12.22 min Scan# 1597

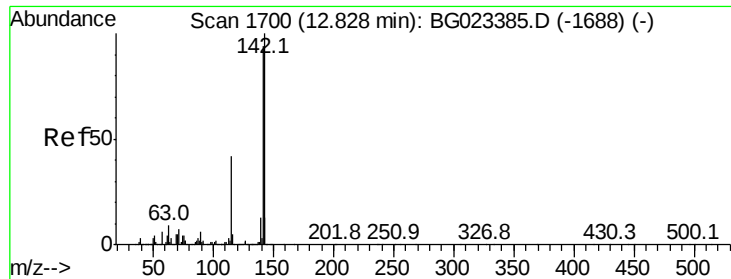
Delta R.T. -0.01 min

Lab File: BG023869.D

Acq: 24 Aug 2016 1:07

Tgt Ion:	107	Resp:	493398
Ion Ratio	Lower	Upper	
107	100		
144	23.1	17.0	25.6
142	73.3	53.0	79.6





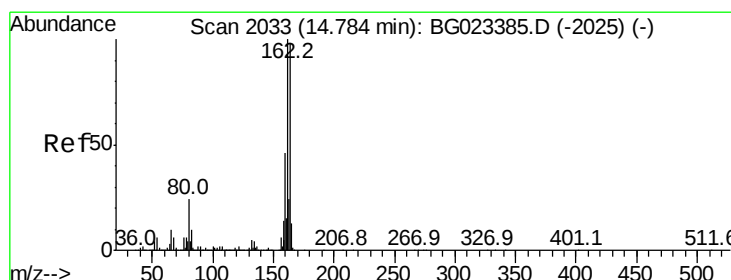
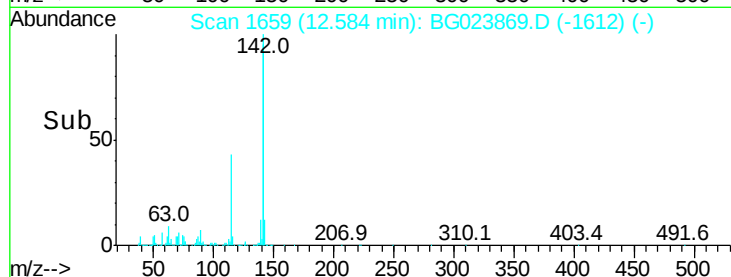
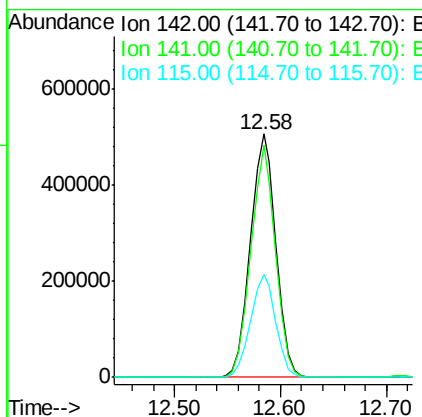
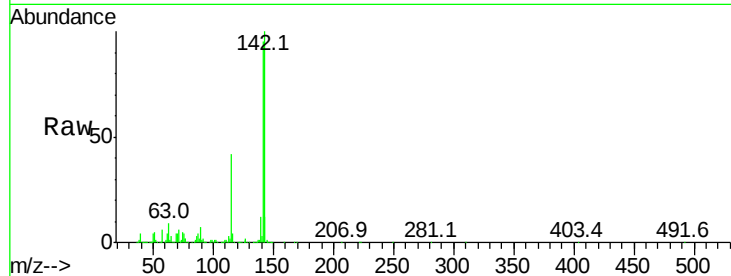
#37
2-Methylnaphthalene
Concen: 46.46 ng
RT: 12.58 min Scan# 1659
Delta R.T. -0.03 min
Lab File: BG023869.D
Acq: 24 Aug 2016 1:07

Instrument :
BNA_G
ClientSampleId :
SB-14B(13-15)MSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	852960		
141	95.1	70.2	105.2	
115	42.4	41.7	62.5	

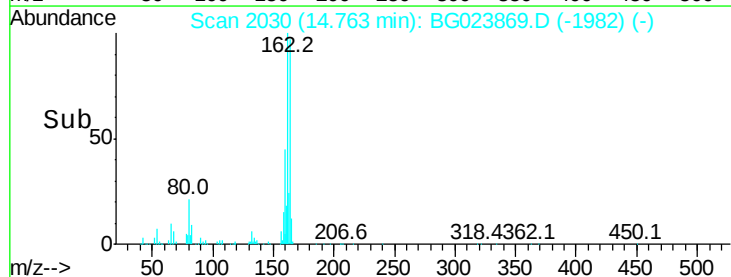
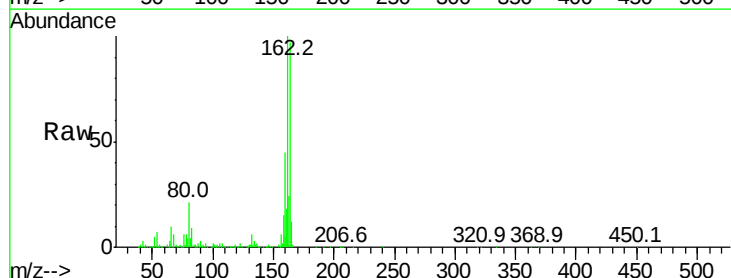
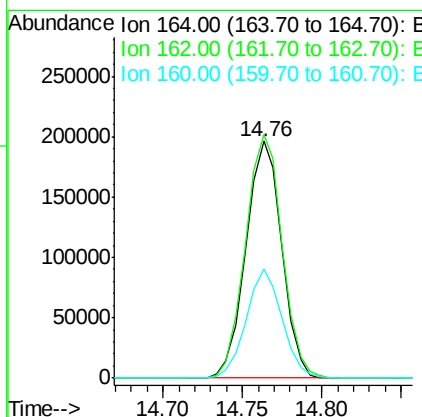
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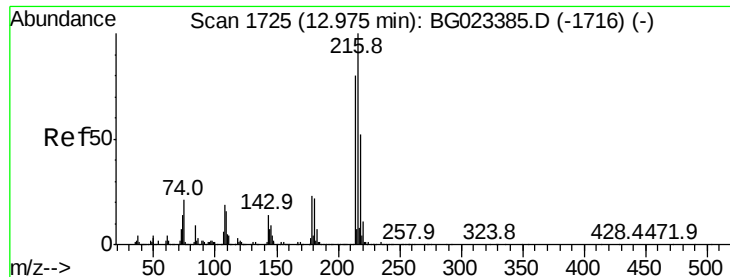
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BG023869.D
Acq: 24 Aug 2016 1:07

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	307291		
162	102.8	87.7	131.5	
160	46.2	37.2	55.8	





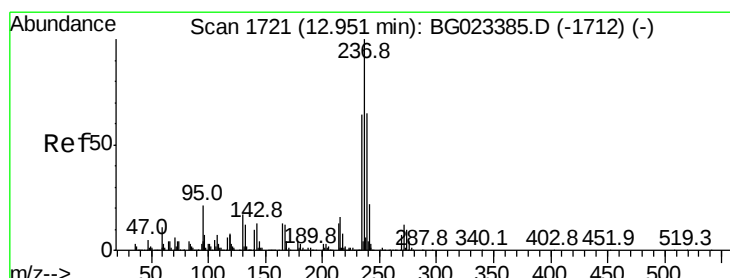
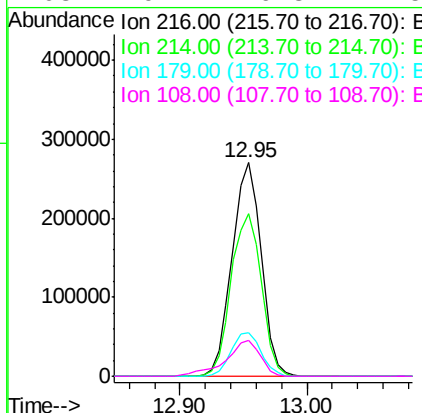
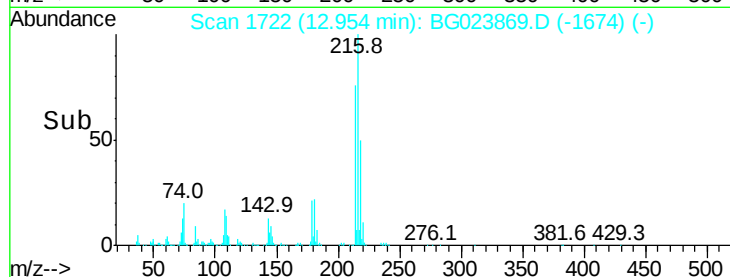
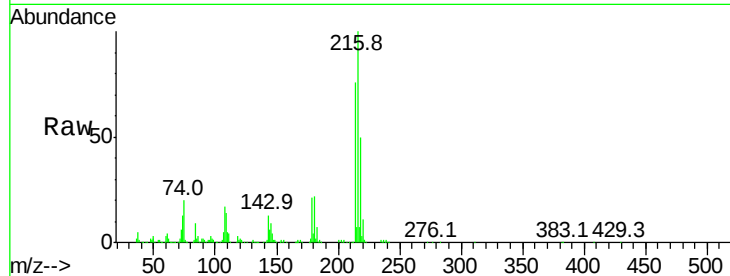
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.46 ng
 RT: 12.95 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG023869.D
 Acq: 24 Aug 2016 1:07

Instrument :
 BNA_G
 ClientSampleId :
 SB-14B(13-15)MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	428595		
214	78.8	62.9	94.3	
179	21.2	17.2	25.8	
108	19.7	16.3	24.5	

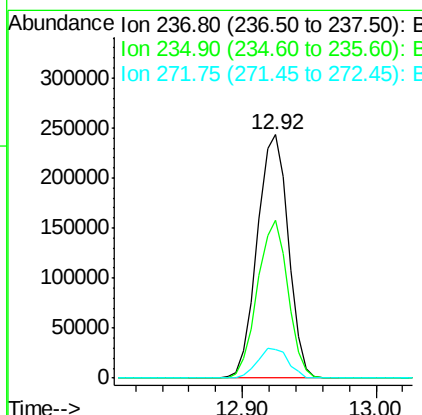
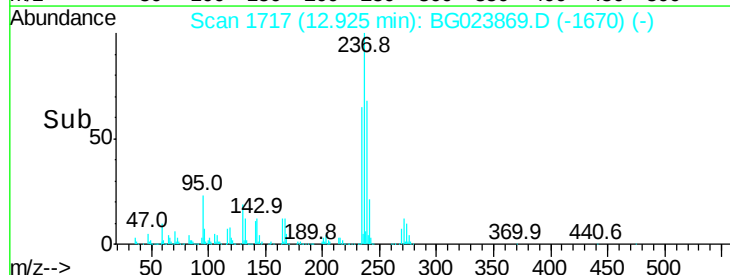
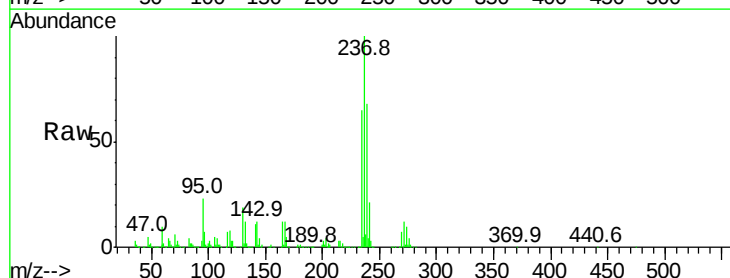
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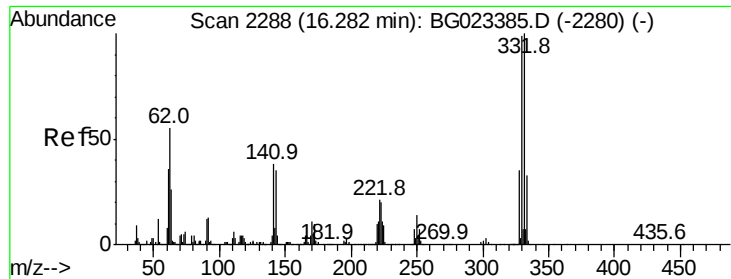
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#40
 Hexachlorocyclopentadiene
 Concen: 69.36 ng
 RT: 12.92 min Scan# 1717
 Delta R.T. -0.03 min
 Lab File: BG023869.D
 Acq: 24 Aug 2016 1:07

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	389730		
235	65.0	43.1	83.1	
272	11.9	0.0	30.9	





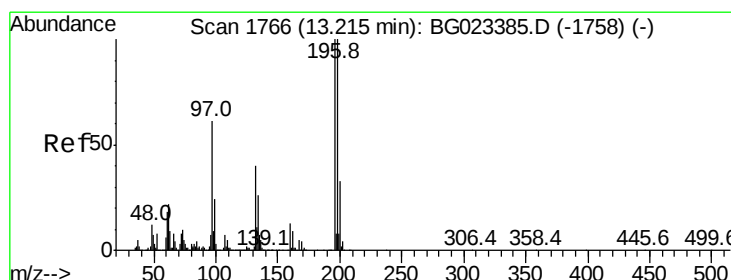
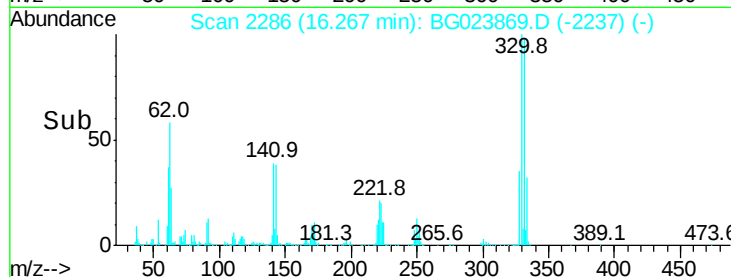
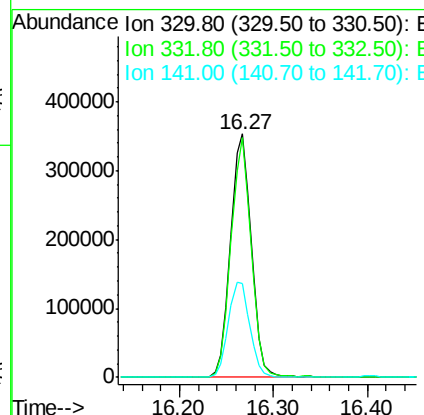
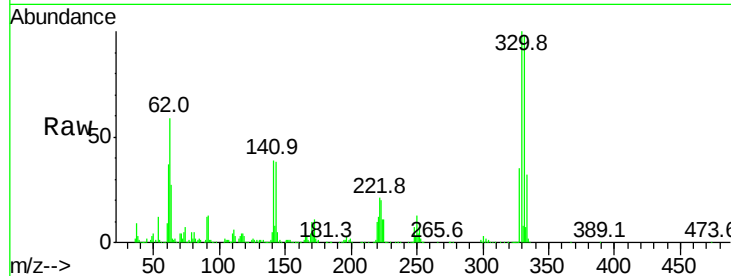
#41
 2,4,6-Tribromophenol
 Concen: 121.30 ng
 RT: 16.27 min Scan# 2286
 Delta R.T. -0.01 min
 Lab File: BG023869.D
 Acq: 24 Aug 2016 1:07

Instrument :
 BNA_G
 ClientSampleId :
 SB-14B(13-15)MSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.4	116.2
141	40.7	31.7	47.5

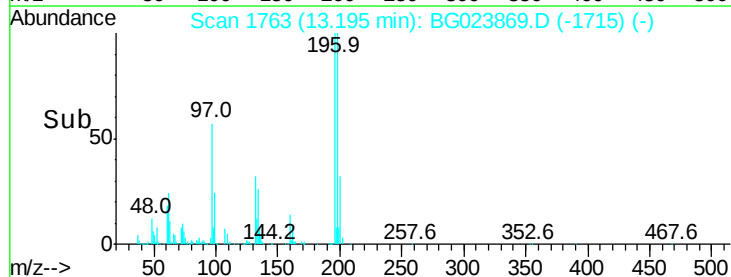
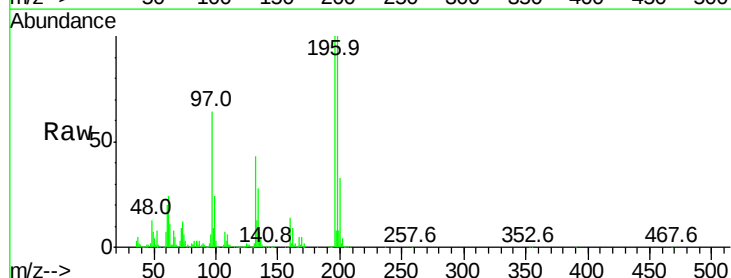
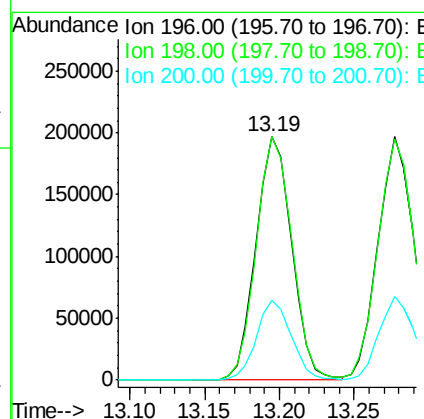
Manual Integrations
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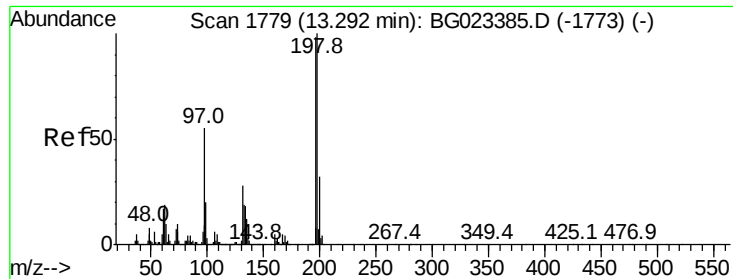
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#42
 2,4,6-Trichlorophenol
 Concen: 49.18 ng
 RT: 13.19 min Scan# 1763
 Delta R.T. -0.02 min
 Lab File: BG023869.D
 Acq: 24 Aug 2016 1:07

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.0	78.2	117.2
200	32.6	27.0	40.4





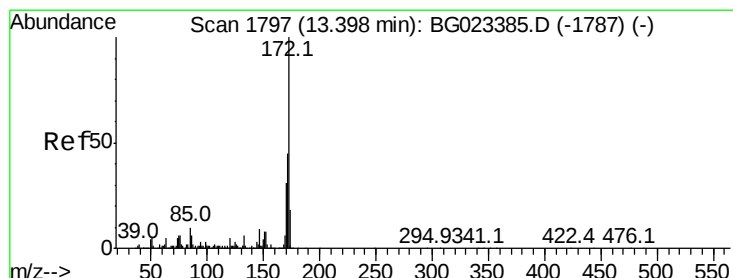
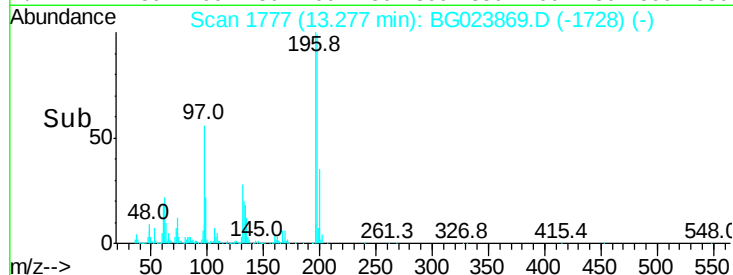
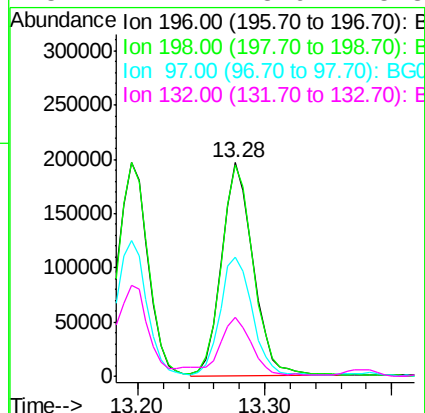
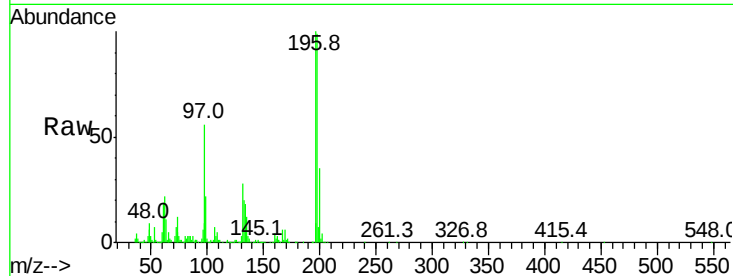
#43
2,4,5-Trichlorophenol
Concen: 49.30 ng
RT: 13.28 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BG023869.D
Acq: 24 Aug 2016 1:07

Instrument :
BNA_G
ClientSampleId :
SB-14B(13-15)MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	336890		
198	99.0	85.7	128.5	
97	55.9	45.5	68.3	
132	27.7	18.9	28.3	

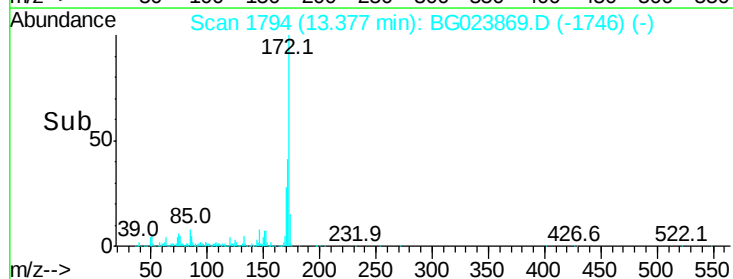
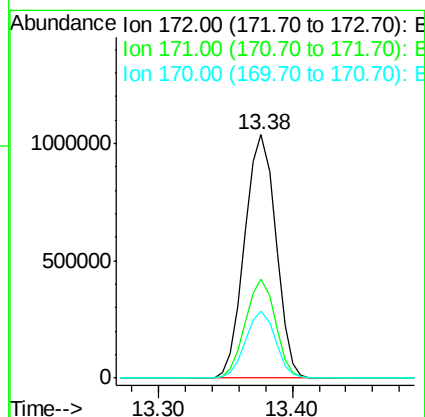
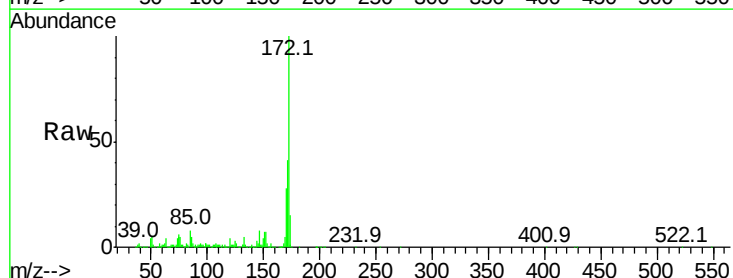
Manual Integrations
APPROVED

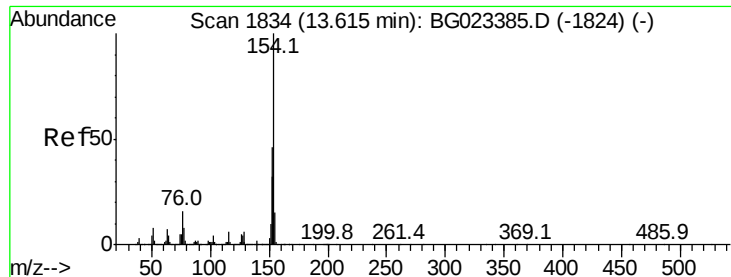
umangi
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#44
2-Fluorobiphenyl
Concen: 92.05 ng
RT: 13.38 min Scan# 1794
Delta R.T. -0.02 min
Lab File: BG023869.D
Acq: 24 Aug 2016 1:07

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1676974		
171	40.9	31.6	47.4	
170	27.6	21.3	31.9	





#45

1,1'-Biphenyl

Concen: 42.90 ng

RT: 13.59 min Scan# 1830

Delta R.T. -0.03 min

Lab File: BG023869.D

Acq: 24 Aug 2016 1:07

Instrument :

BNA_G

ClientSampleId :

SB-14B(13-15)MSD

Tot Ion:154 Resp: 1007827

Ion Ratio Lower Upper

154 100

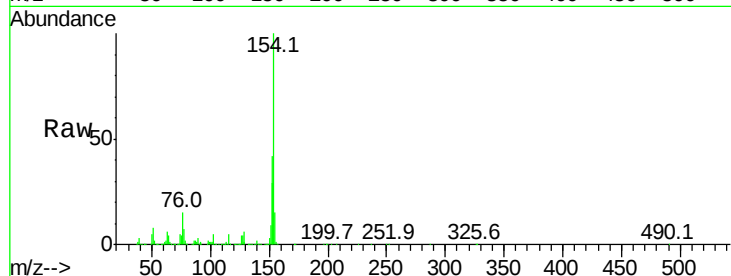
153 42.4 20.2 60.2

76 15.2 0.0 32.9

Manual Integrations
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umangi

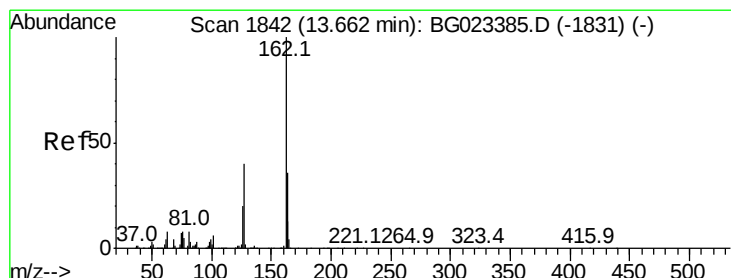
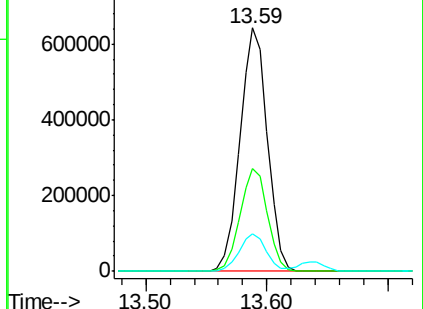
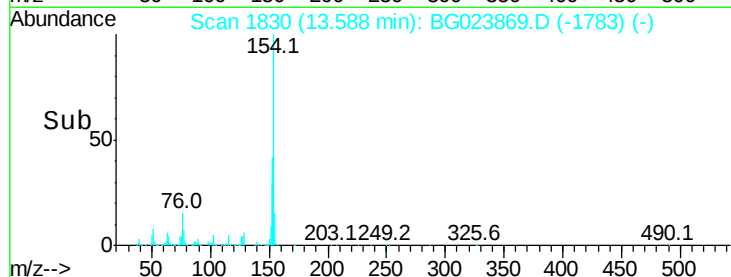
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 49.08 ng

RT: 13.64 min Scan# 1838

Delta R.T. -0.03 min

Lab File: BG023869.D

Acq: 24 Aug 2016 1:07

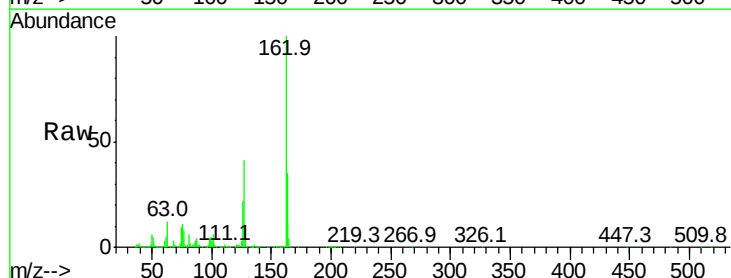
Tgt Ion:162 Resp: 891952

Ion Ratio Lower Upper

162 100

127 41.4 32.4 48.6

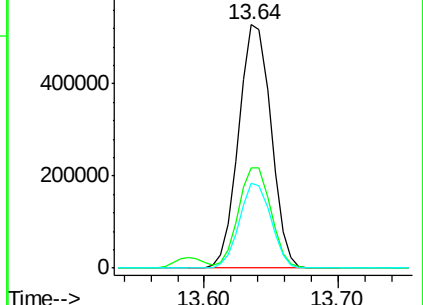
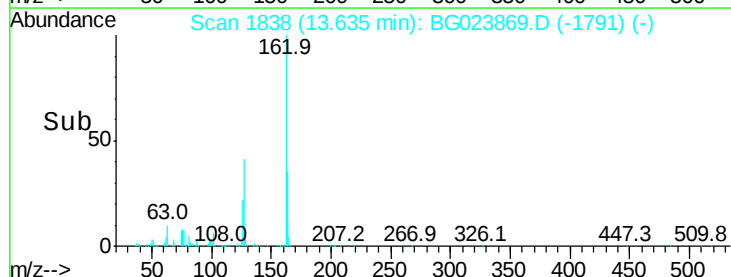
164 35.1 25.2 37.8

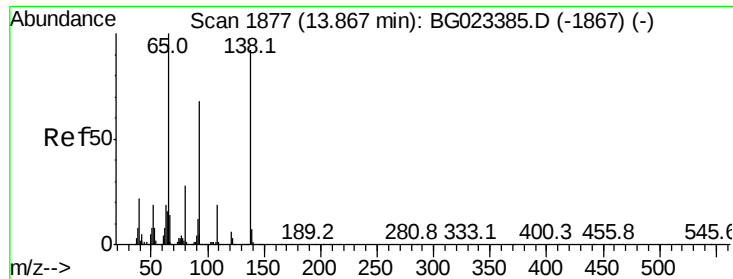


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





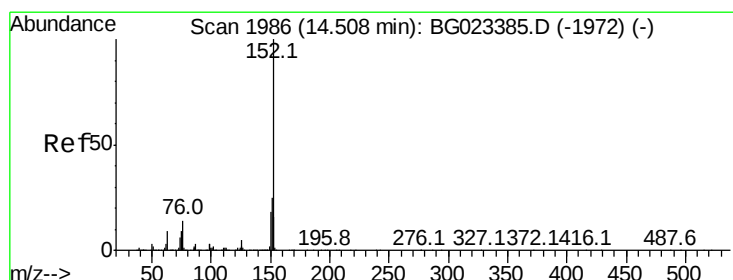
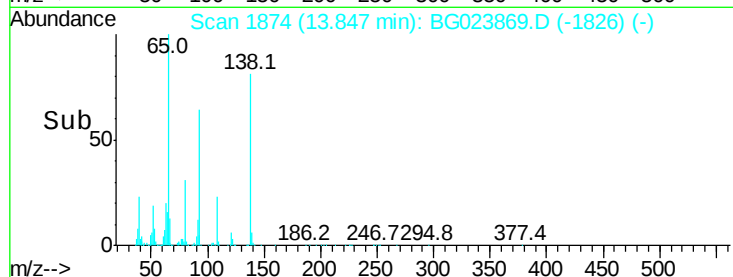
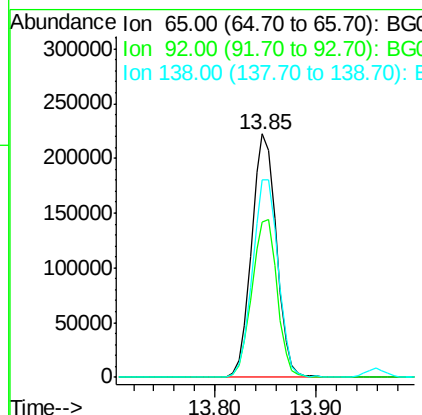
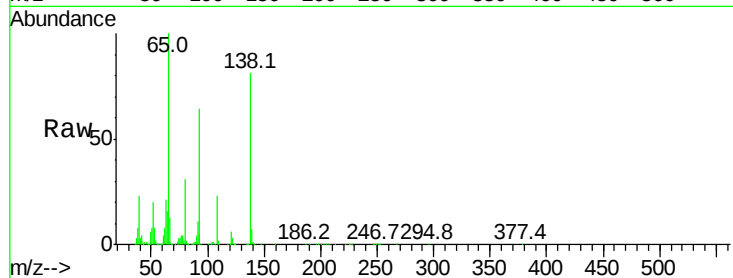
#47
2-Nitroaniline
Concen: 50.18 ng
RT: 13.85 min Scan# 1874
Delta R.T. -0.02 min
Lab File: BG023869.D
Acq: 24 Aug 2016 1:07

Instrument :
BNA_G
ClientSampleId :
SB-14B(13-15)MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.9	49.4	74.0
138	81.1	58.0	87.0

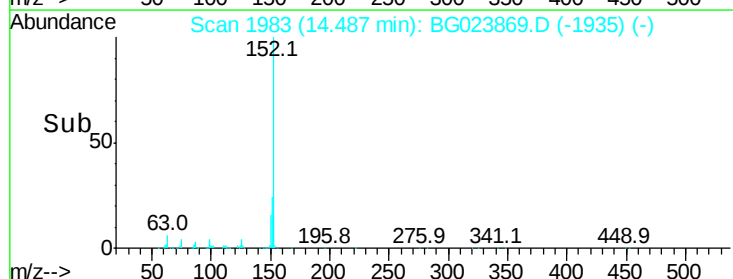
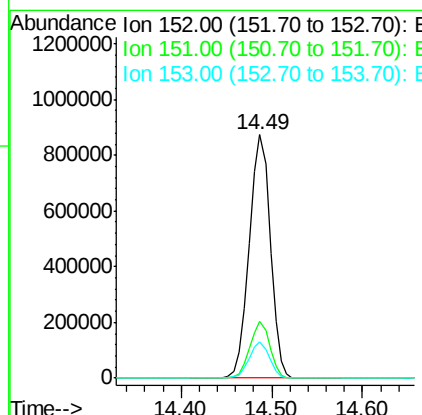
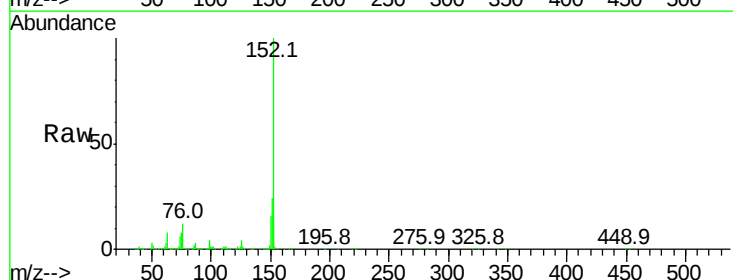
Manual Integrations
APPROVED

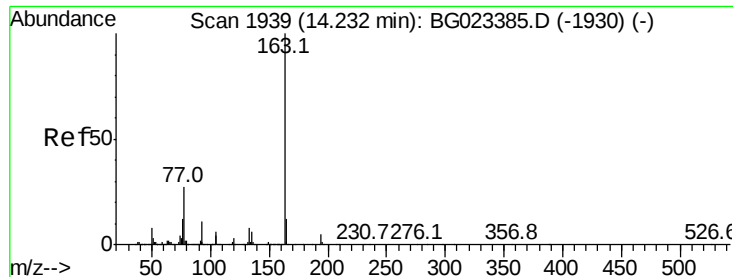
umangi
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#48
Acenaphthylene
Concen: 48.91 ng
RT: 14.49 min Scan# 1983
Delta R.T. -0.02 min
Lab File: BG023869.D
Acq: 24 Aug 2016 1:07

Tgt Ion	Ratio	Lower	Upper
152	100		
151	23.5	17.6	26.4
153	14.7	11.4	17.2





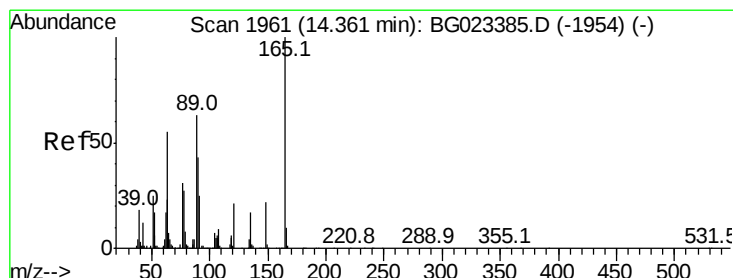
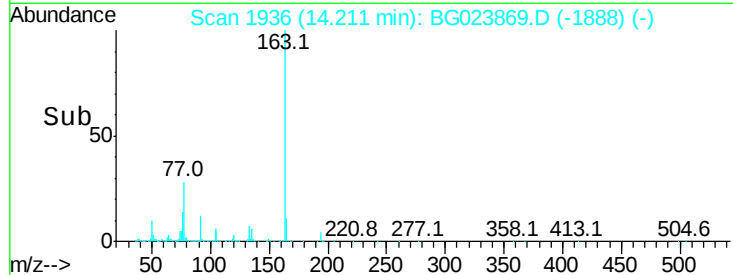
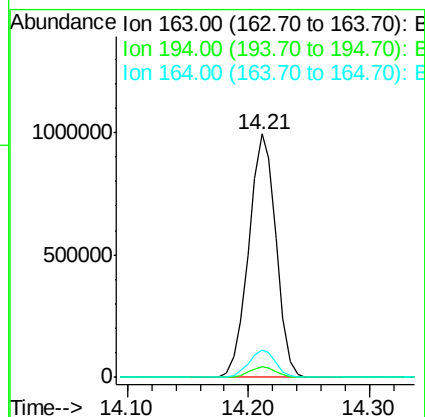
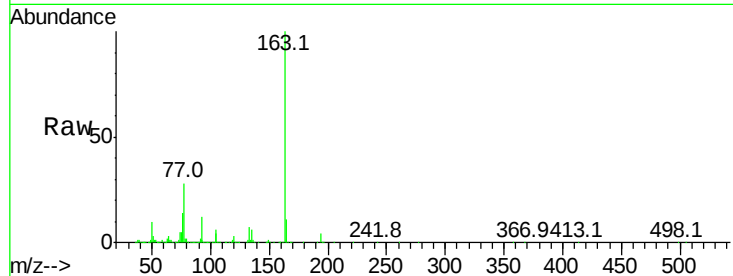
#49
Dimethylphthalate
Concen: 66.16 ng
RT: 14.21 min Scan# 1936
Delta R.T. -0.02 min
Lab File: BG023869.D
Acq: 24 Aug 2016 1:07

Instrument :
BNA_G
ClientSampleId :
SB-14B(13-15)MSD

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.6	5.4
164	11.4	8.1	12.1

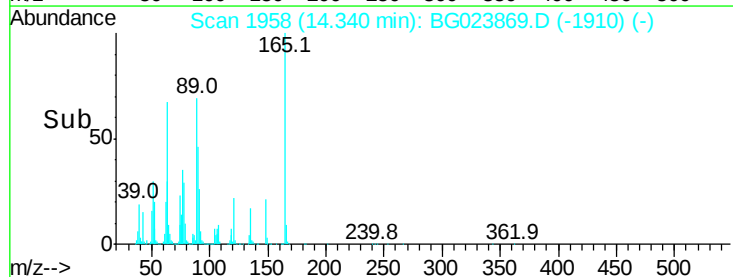
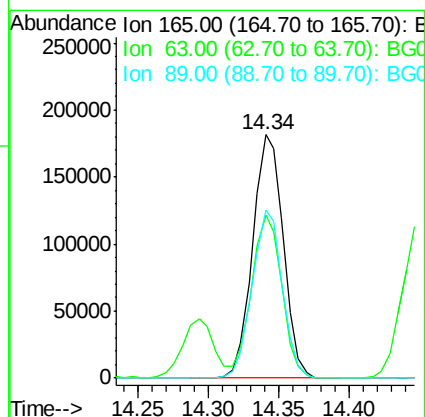
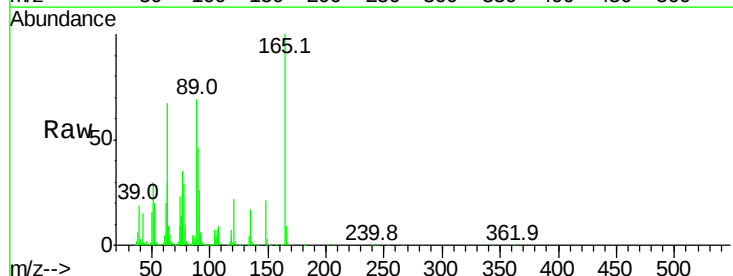
Manual Integrations
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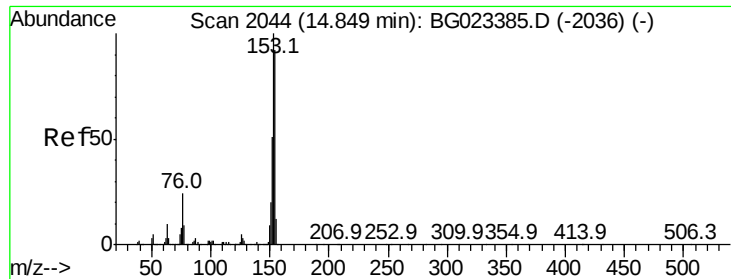
umangi
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#50
2,6-Dinitrotoluene
Concen: 49.48 ng
RT: 14.34 min Scan# 1958
Delta R.T. -0.02 min
Lab File: BG023869.D
Acq: 24 Aug 2016 1:07

Tgt Ion	Ratio	Lower	Upper
165	100		
63	66.7	64.3	96.5
89	68.8	64.3	96.5





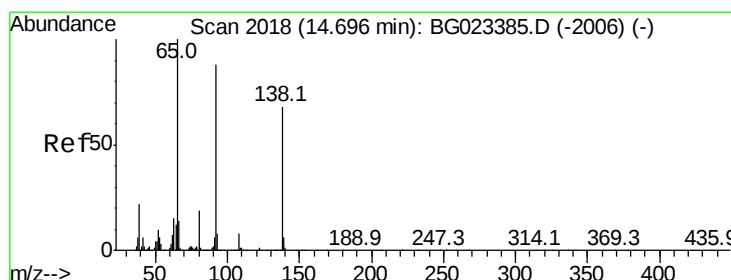
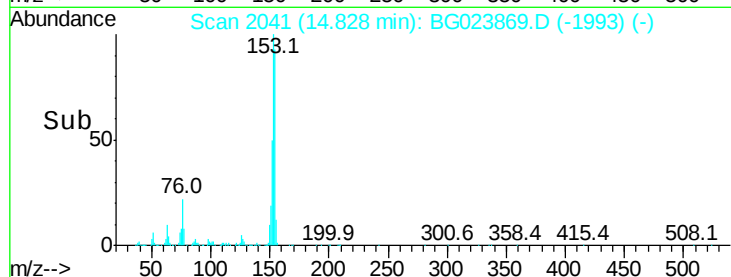
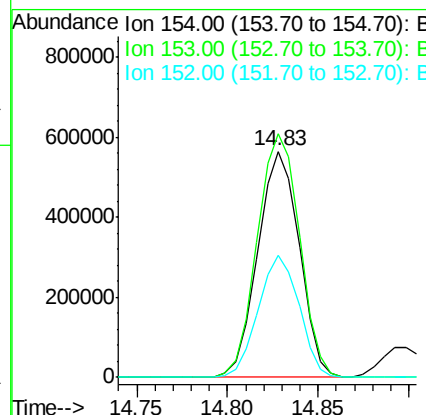
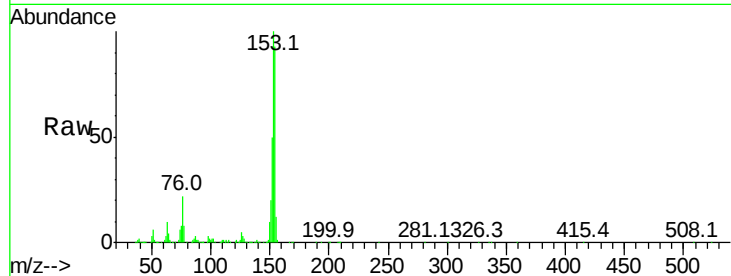
#51
Acenaphthene
Concen: 49.25 ng
RT: 14.83 min Scan# 2041
Delta R.T. -0.02 min
Lab File: BG023869.D
Acq: 24 Aug 2016 1:07

Instrument :
BNA_G
ClientSampleId :
SB-14B(13-15)MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	107.9	87.5	131.3
152	54.2	42.7	64.1

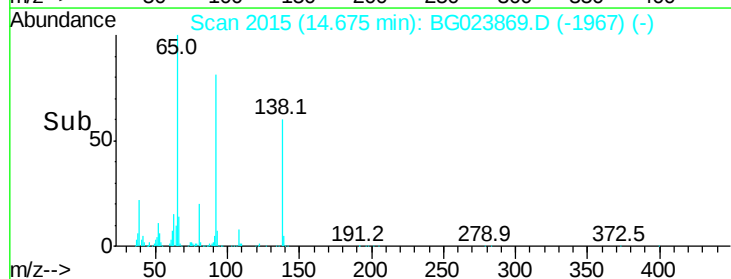
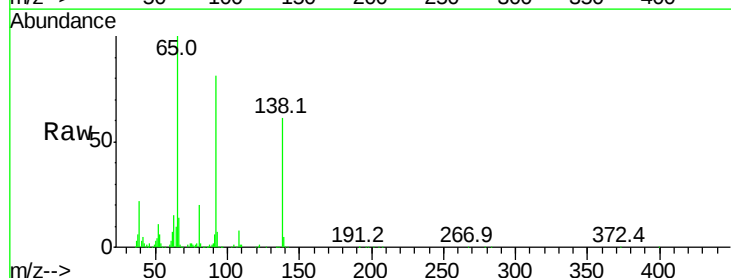
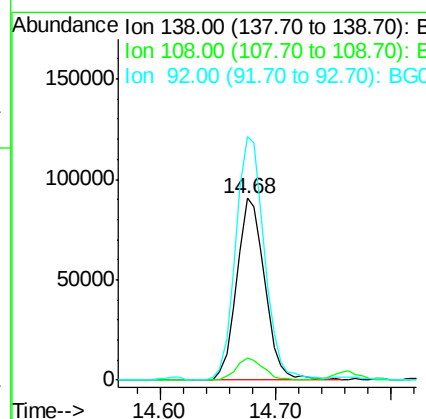
Manual Integrations
APPROVED

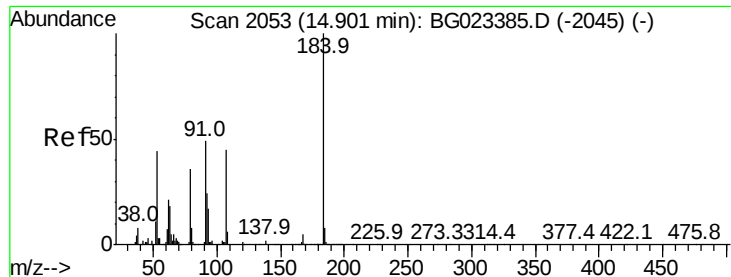
umangi
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#52
3-Nitroaniline
Concen: 24.26 ng
RT: 14.68 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BG023869.D
Acq: 24 Aug 2016 1:07

Tgt Ion	Ratio	Lower	Upper
138	100		
108	12.4	11.7	17.5
92	133.8	129.7	194.5





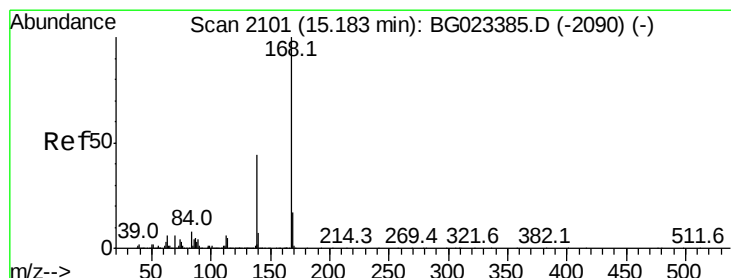
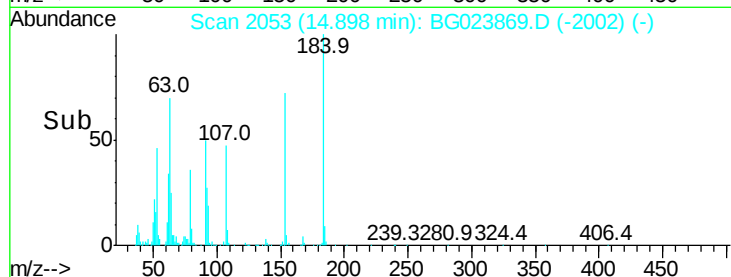
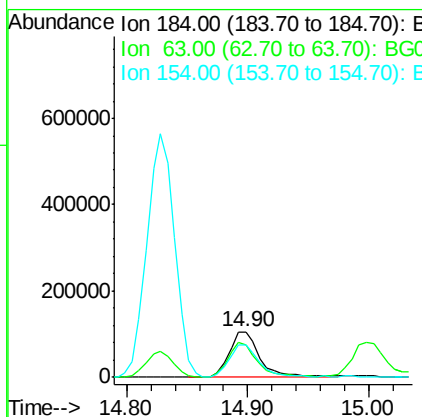
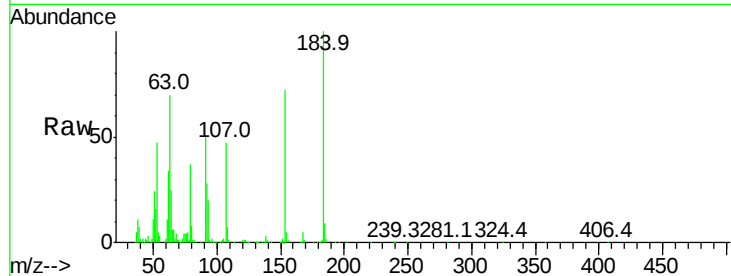
#53
2,4-Dinitrophenol
Concen: 52.76 ng
RT: 14.90 min Scan# 2053
Delta R.T. -0.00 min
Lab File: BG023869.D
Acq: 24 Aug 2016 1:07

Instrument :
BNA_G
ClientSampleId :
SB-14B(13-15)MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	188820		
63	70.2	59.6	89.4	
154	71.6	67.4	101.0	

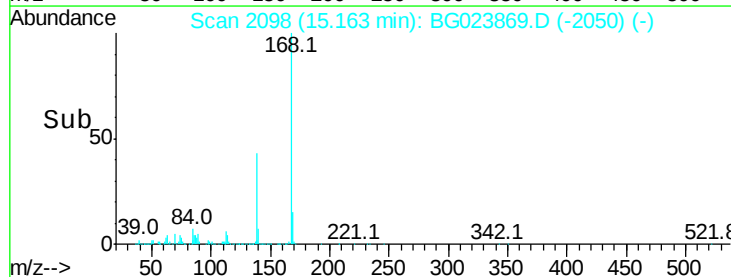
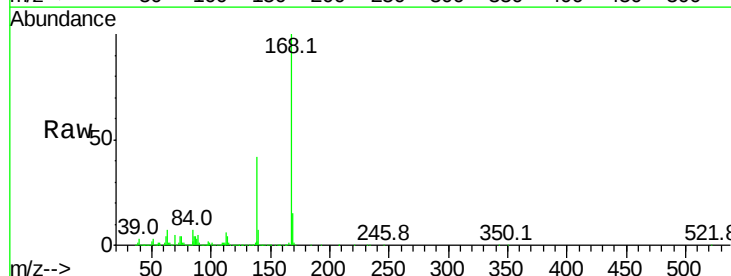
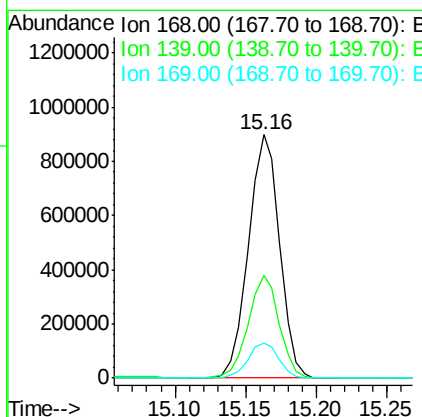
Manual Integrations
APPROVED

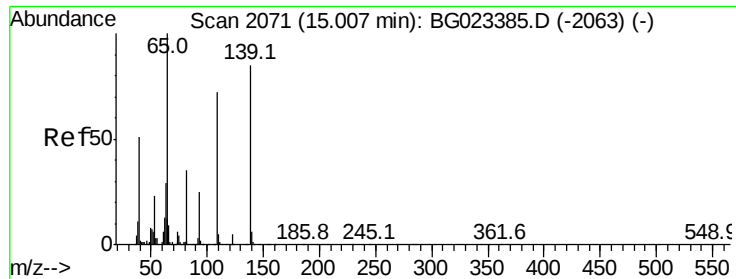
umangi
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#54
Dibenzofuran
Concen: 52.44 ng
RT: 15.16 min Scan# 2098
Delta R.T. -0.02 min
Lab File: BG023869.D
Acq: 24 Aug 2016 1:07

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1385560		
139	42.5	36.4	54.6	
169	14.5	11.9	17.9	





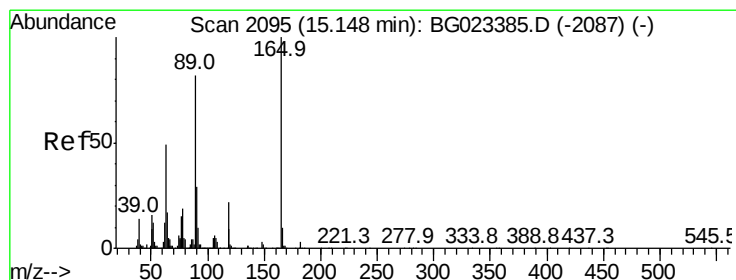
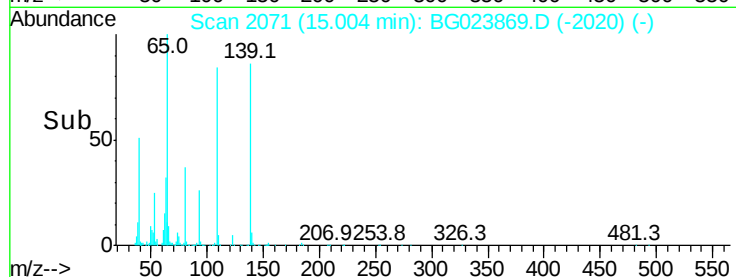
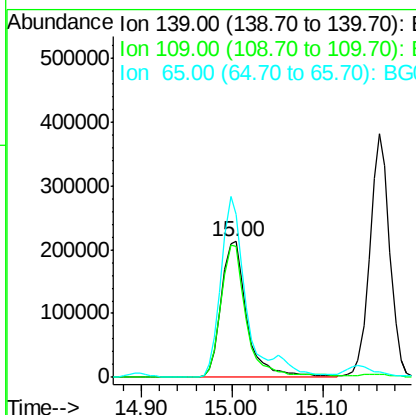
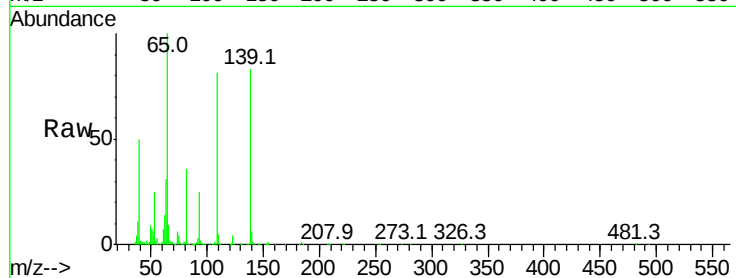
#55
4-Nitrophenol
Concen: 85.51 ng
RT: 15.00 min Scan# 2071
Delta R.T. -0.00 min
Lab File: BG023869.D
Acq: 24 Aug 2016 1:07

Instrument :
BNA_G
ClientSampleId :
SB-14B(13-15)MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	96.9	103.0	143.0#
65	120.3	112.7	152.7

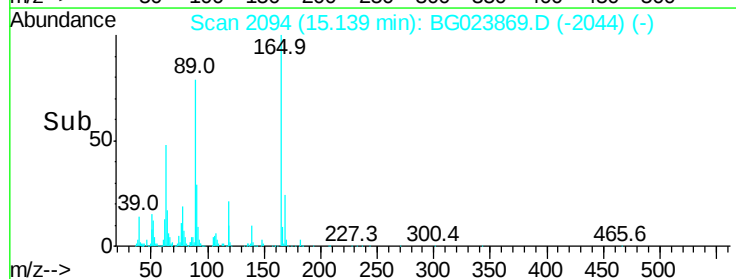
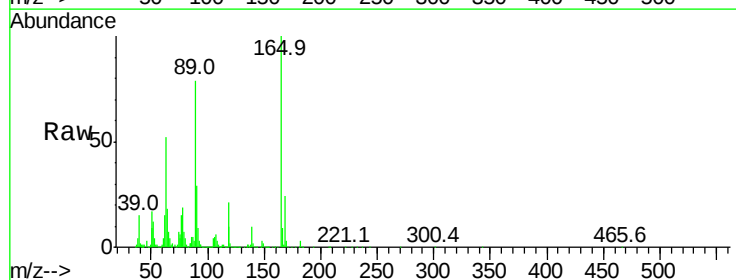
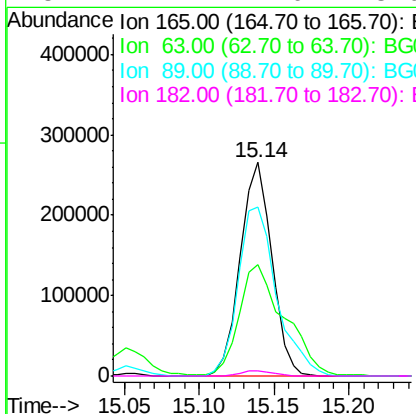
Manual Integrations
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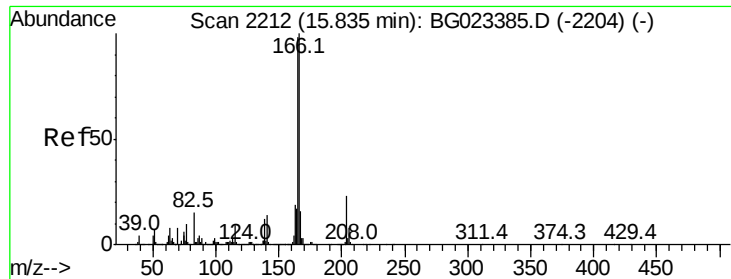
umangi
8/24/2016 6:13:40 PM



#56
2,4-Dinitrotoluene
Concen: 49.73 ng
RT: 15.14 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BG023869.D
Acq: 24 Aug 2016 1:07

Tgt Ion	Ratio	Lower	Upper
165	100		
63	52.2	45.8	68.6
89	79.4	68.6	102.8
182	2.7	2.0	3.0





#57

Fluorene

Concen: 48.90 ng

RT: 15.81 min Scan# 2209

Delta R.T. -0.02 min

Lab File: BG023869.D

Acq: 24 Aug 2016 1:07

Instrument :

BNA_G

ClientSampleId :

SB-14B(13-15)MSD

Tot Ion:166 Resp: 1127414

Ion Ratio Lower Upper

166 100

165 98.5 81.0 121.6

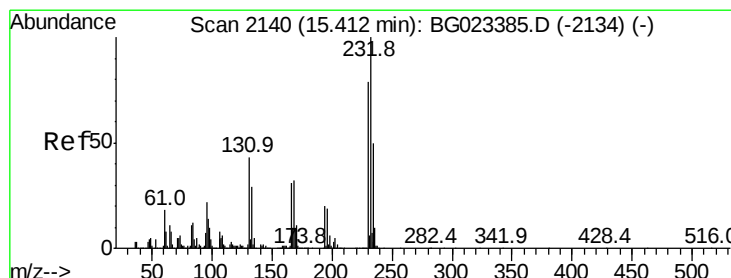
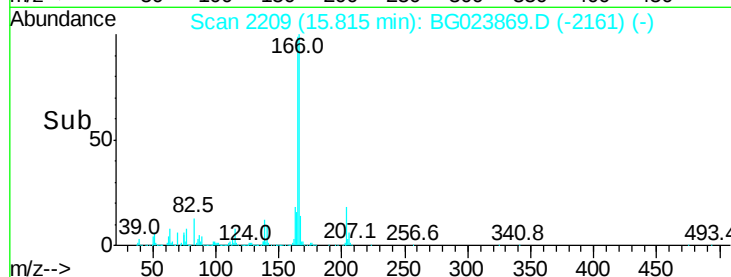
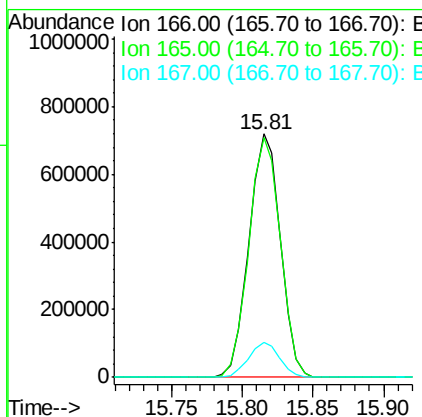
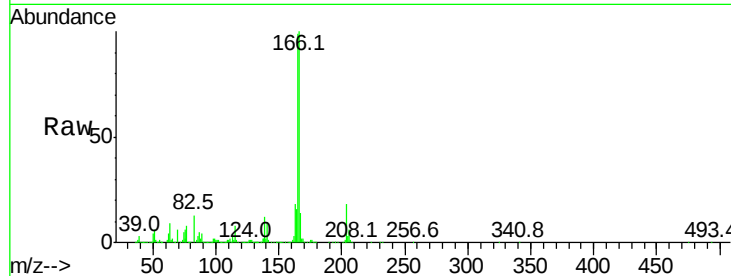
167 14.2 12.0 18.0

Manual Integrations

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#58

2,3,4,6-Tetrachlorophenol

Concen: 53.22 ng

RT: 15.40 min Scan# 2138

Delta R.T. -0.01 min

Lab File: BG023869.D

Acq: 24 Aug 2016 1:07

Tgt Ion:232 Resp: 333756

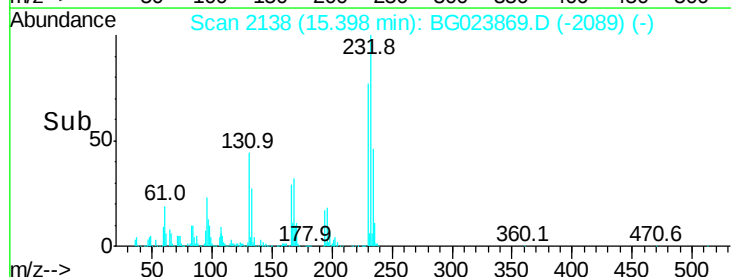
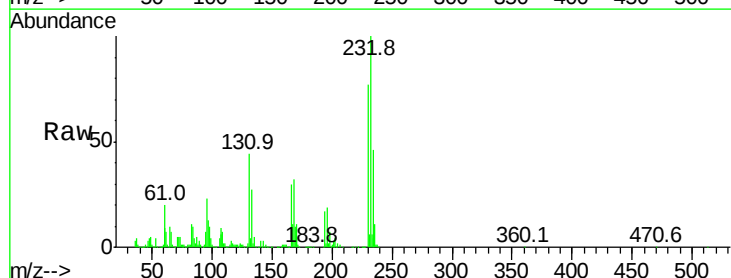
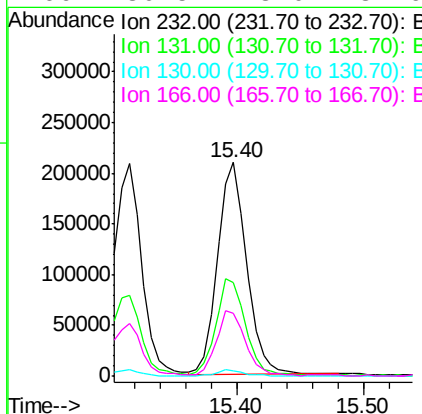
Ion Ratio Lower Upper

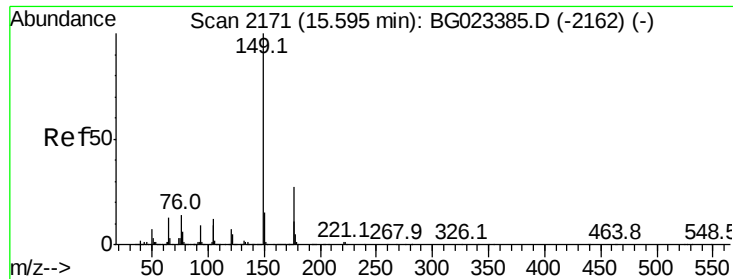
232 100

131 46.1 32.7 49.1

130 2.7 2.6 3.8

166 30.5 23.0 34.6





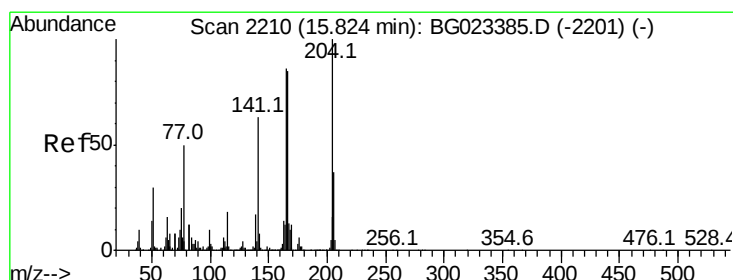
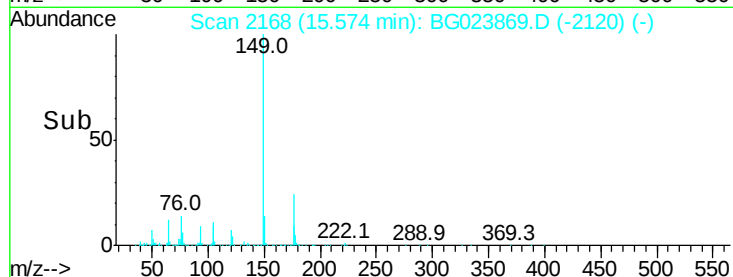
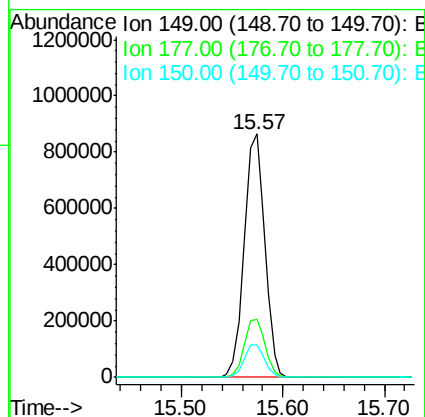
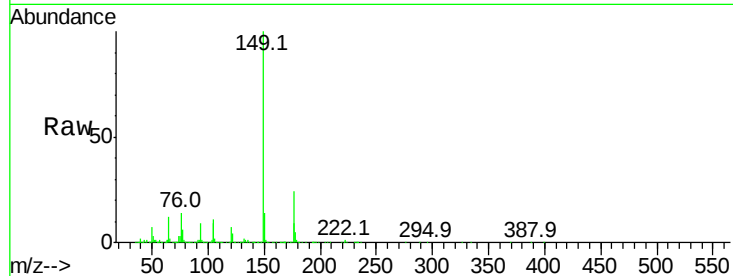
#59
Diethylphthalate
Concen: 50.69 ng
RT: 15.57 min Scan# 2168
Delta R.T. -0.02 min
Lab File: BG023869.D
Acq: 24 Aug 2016 1:07

Instrument :
BNA_G
ClientSampleId :
SB-14B(13-15)MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.8	19.2	28.8
150	13.6	10.6	16.0

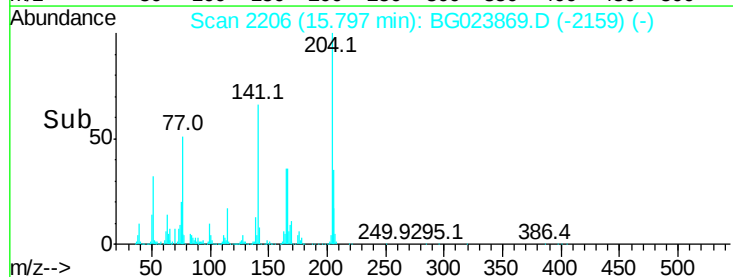
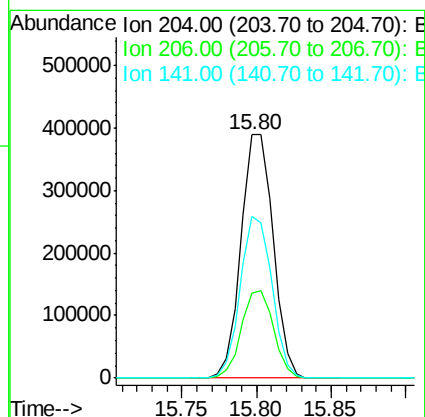
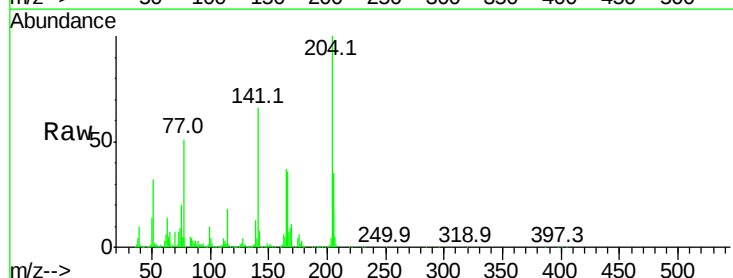
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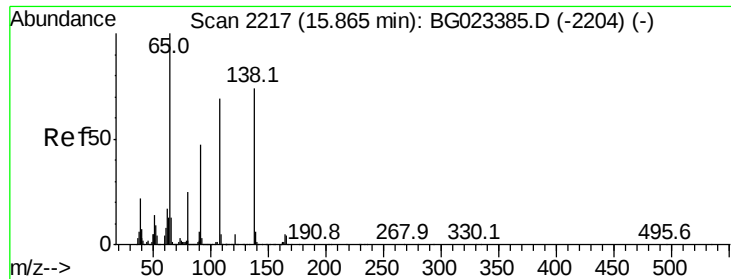
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#60
4-Chlorophenyl-phenylether
Concen: 47.79 ng
RT: 15.80 min Scan# 2206
Delta R.T. -0.03 min
Lab File: BG023869.D
Acq: 24 Aug 2016 1:07

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.9	28.5	42.7
141	66.2	51.4	77.0





#61

4-Nitroaniline

Concen: 42.65 ng

RT: 15.85 min Scan# 2215

Delta R.T. -0.01 min

Lab File: BG023869.D

Acq: 24 Aug 2016 1:07

Instrument :

BNA_G

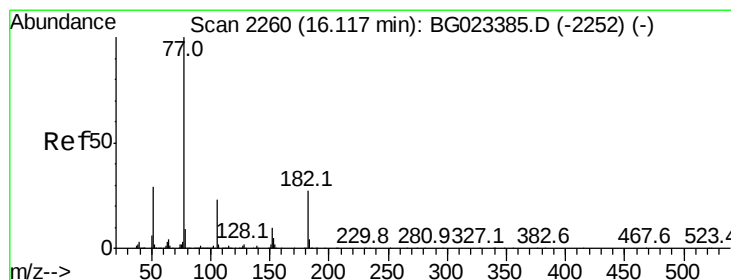
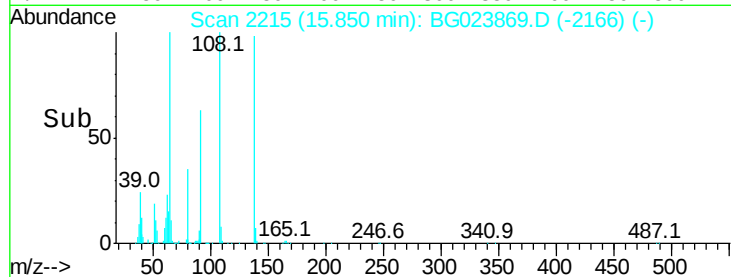
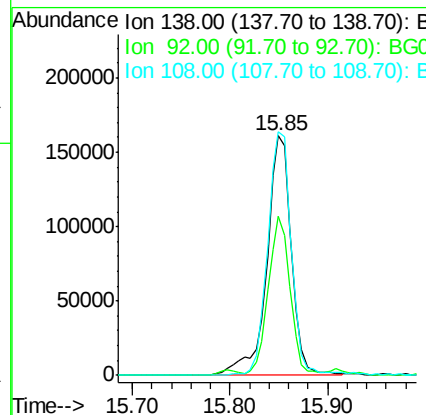
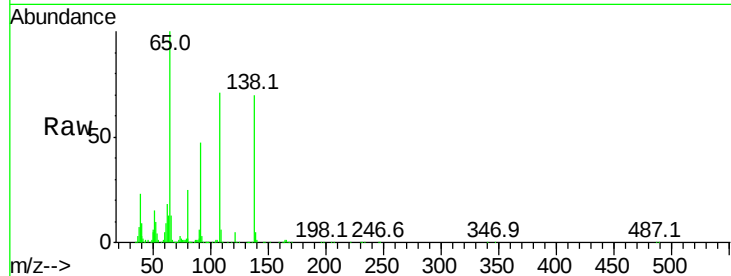
ClientSampleId :

SB-14B(13-15)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	66.5	54.1	94.1
108	101.8	133.9	173.9#

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#62

Azobenzene

Concen: 55.36 ng

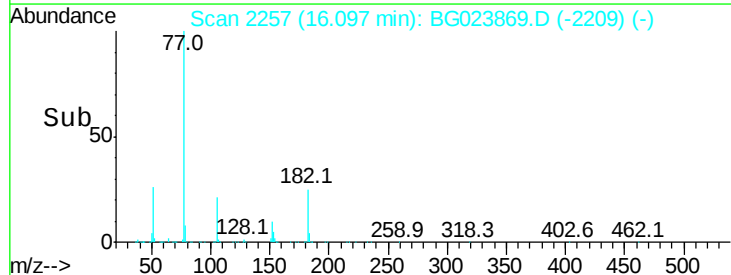
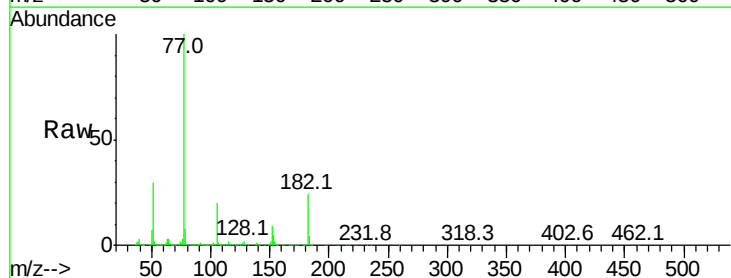
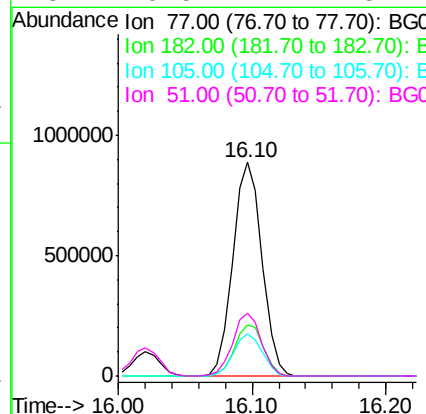
RT: 16.10 min Scan# 2257

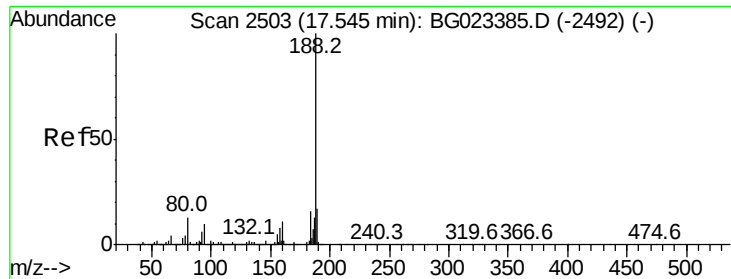
Delta R.T. -0.02 min

Lab File: BG023869.D

Acq: 24 Aug 2016 1:07

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.8	3.5	43.5
105	20.0	0.0	38.5
51	29.5	17.1	57.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.52 min Scan# 2500

Delta R.T. -0.02 min

Lab File: BG023869.D

Acq: 24 Aug 2016 1:07

Instrument :

BNA_G

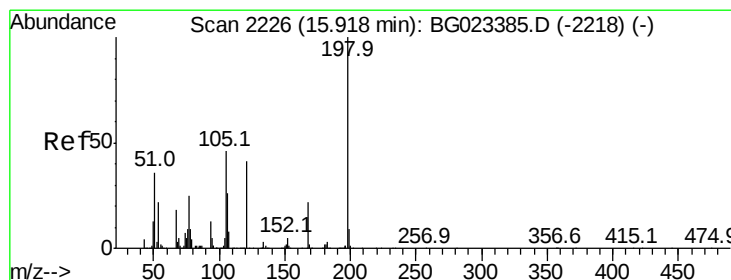
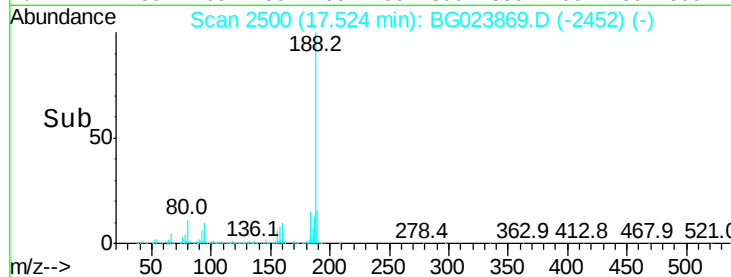
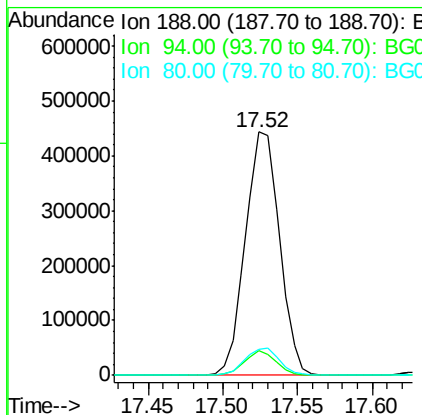
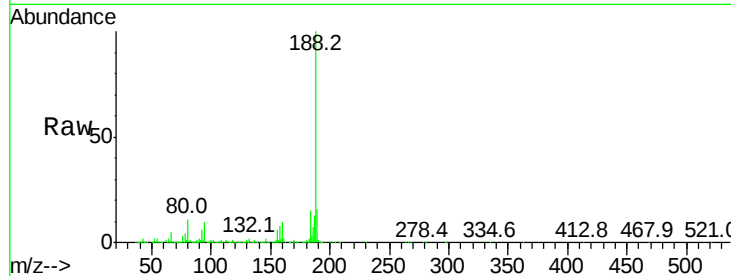
ClientSampleId :

SB-14B(13-15)MSD

Tot Ion:	188	Resp:	701282
Ion Ratio	Lower	Upper	
188	100		
94	10.2	5.2	7.8#
80	10.8	7.2	10.8

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#64

4,6-Dinitro-2-methylphenol

Concen: 44.26 ng

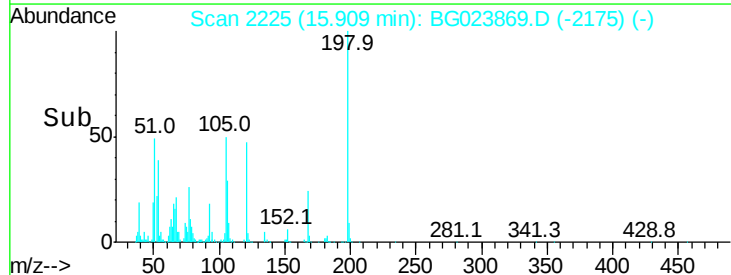
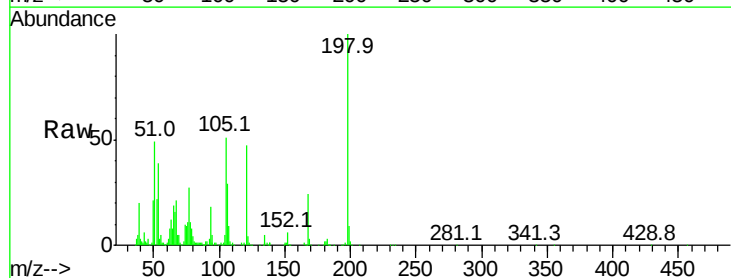
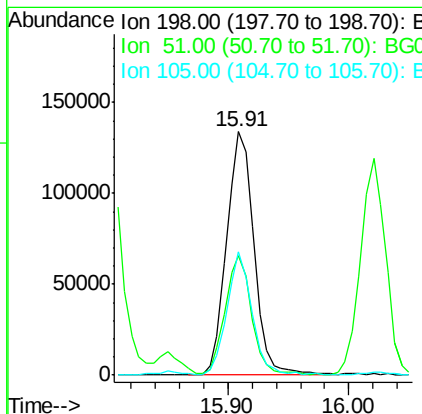
RT: 15.91 min Scan# 2225

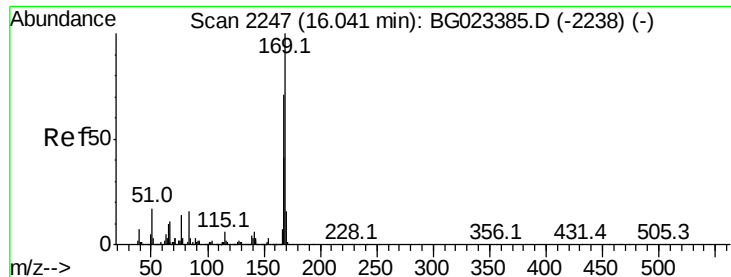
Delta R.T. -0.01 min

Lab File: BG023869.D

Acq: 24 Aug 2016 1:07

Tgt Ion:	198	Resp:	211023
Ion Ratio	Lower	Upper	
198	100		
51	49.2	26.0	66.0
105	50.7	20.1	60.1





#65

n-Nitrosodiphenylamine

Concen: 49.84 ng

RT: 16.02 min Scan# 2244

Delta R.T. -0.02 min

Lab File: BG023869.D

Acq: 24 Aug 2016 1:07

Instrument :

BNA_G

ClientSampleId :

SB-14B(13-15)MSD

Tot Ion:169 Resp: 1025223

Ion Ratio Lower Upper

169 100

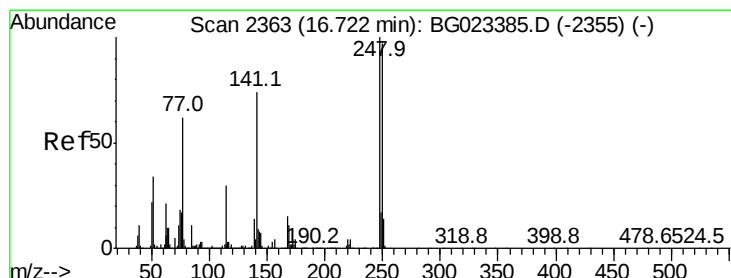
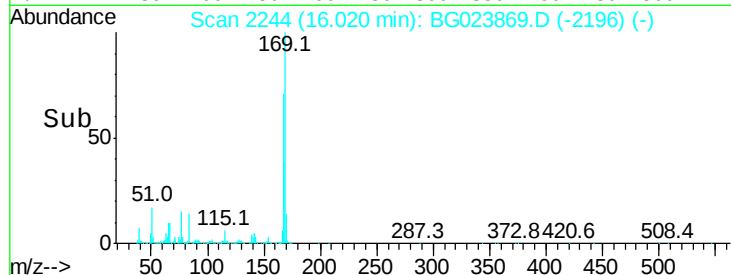
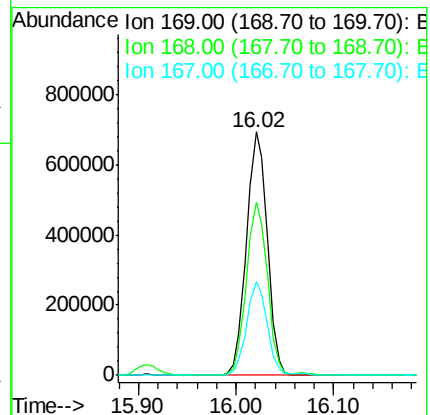
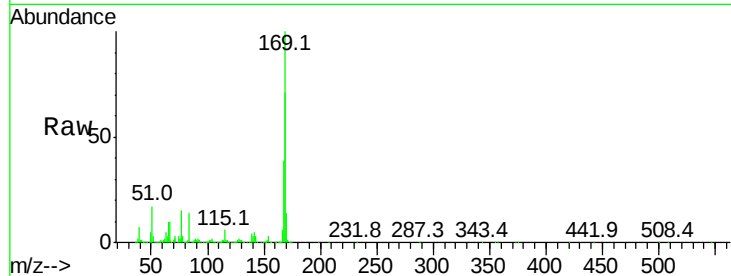
168 71.4 55.0 82.4

167 38.7 27.4 41.0

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#66

4-Bromophenyl-phenylether

Concen: 48.30 ng

RT: 16.70 min Scan# 2360

Delta R.T. -0.02 min

Lab File: BG023869.D

Acq: 24 Aug 2016 1:07

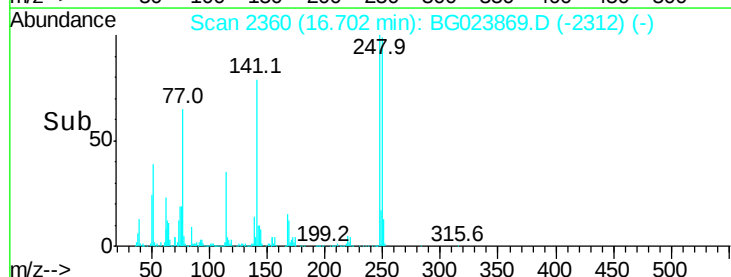
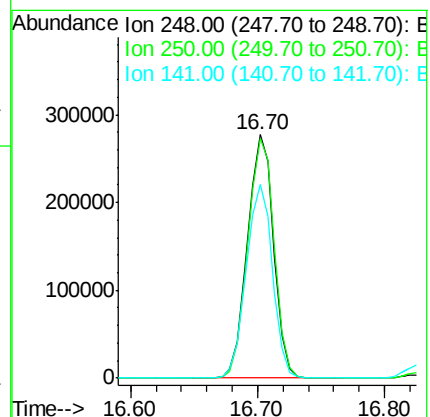
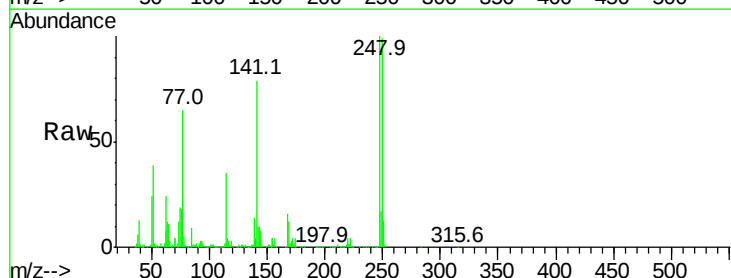
Tgt Ion:248 Resp: 394783

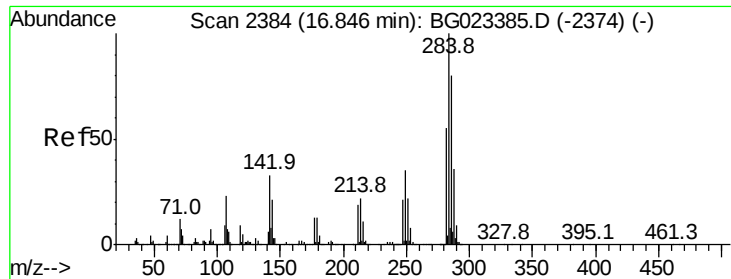
Ion Ratio Lower Upper

248 100

250 98.6 77.8 116.8

141 79.4 65.7 98.5





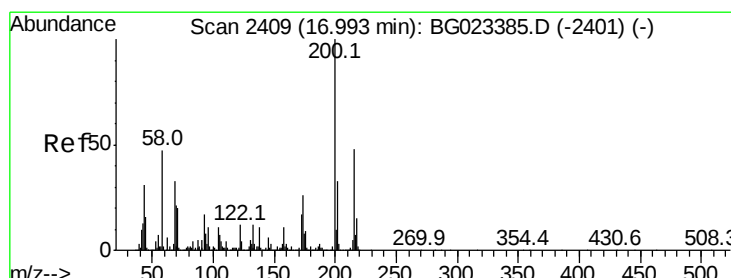
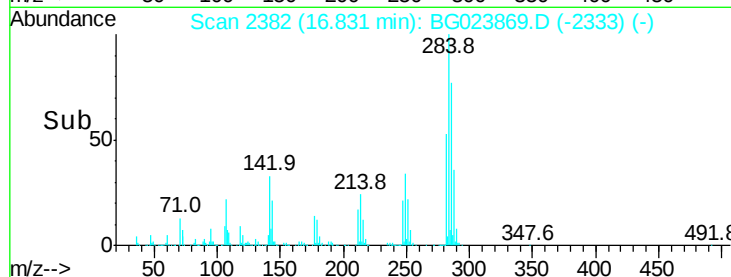
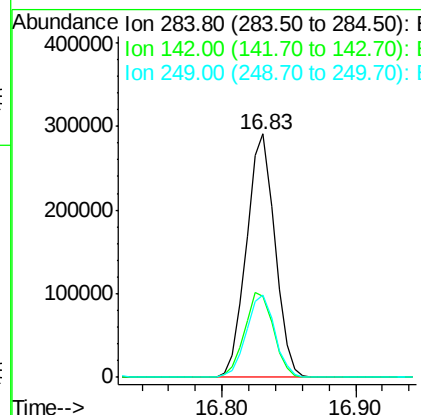
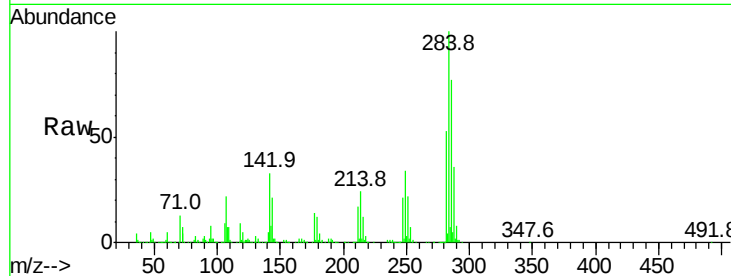
#67
Hexachlorobenzene
Concen: 47.45 ng
RT: 16.83 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BG023869.D
Acq: 24 Aug 2016 1:07

Instrument :
BNA_G
ClientSampleId :
SB-14B(13-15)MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	33.4	26.8	40.2	
249	34.0	28.9	43.3	

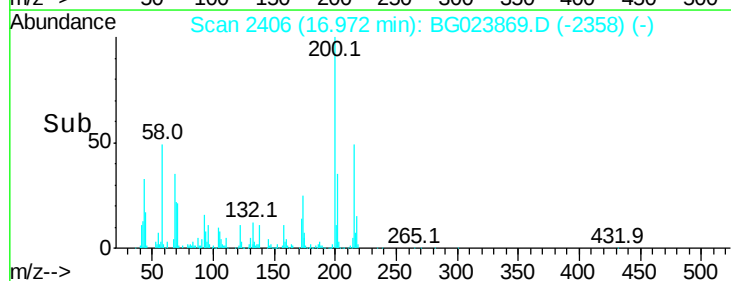
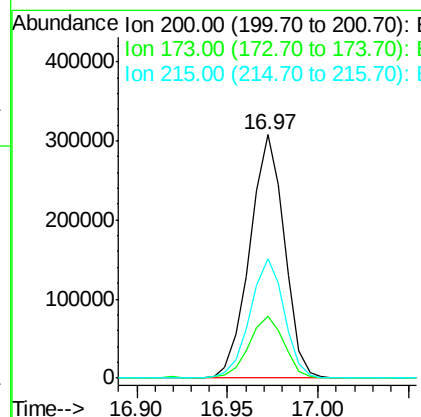
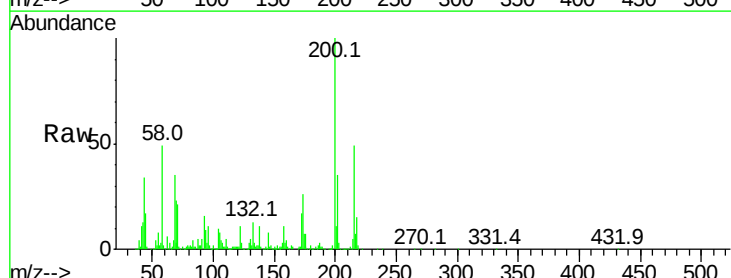
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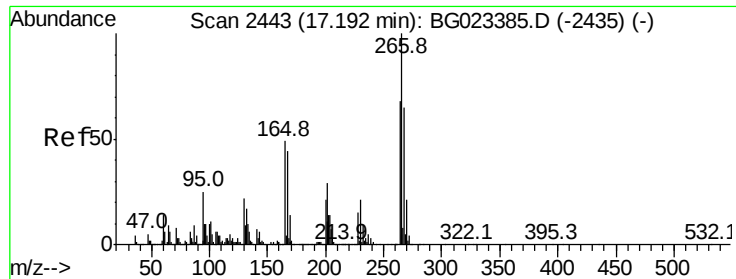
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#68
Atrazine
Concen: 51.82 ng
RT: 16.97 min Scan# 2406
Delta R.T. -0.02 min
Lab File: BG023869.D
Acq: 24 Aug 2016 1:07

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	25.5	1.6	41.6	
215	49.1	28.7	68.7	





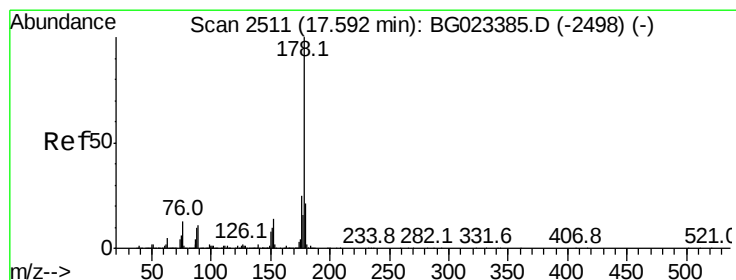
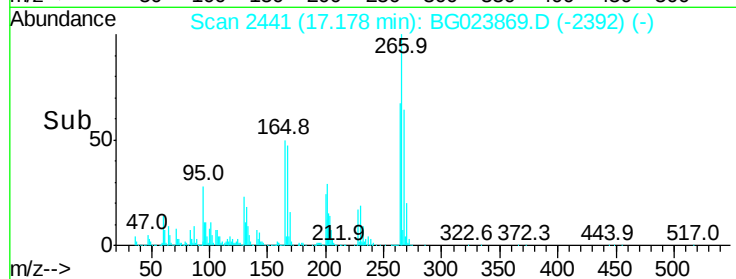
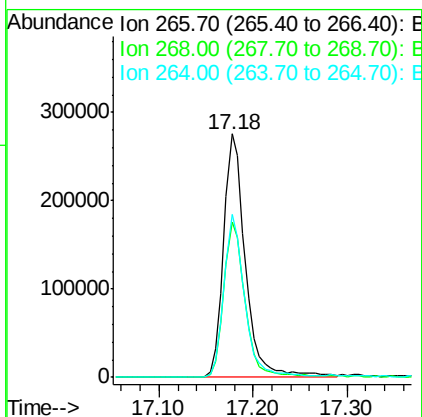
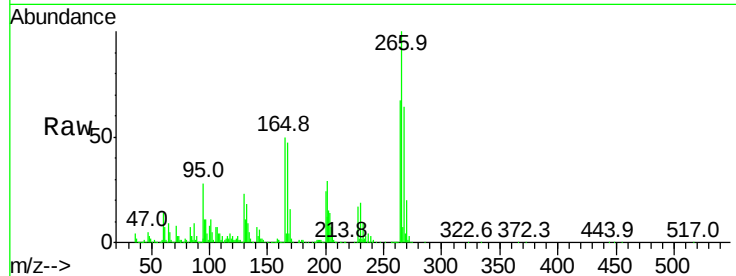
#69
 Pentachlorophenol
 Concen: 85.84 ng
 RT: 17.18 min Scan# 2441
 Delta R.T. -0.01 min
 Lab File: BG023869.D
 Acq: 24 Aug 2016 1:07

Instrument :
 BNA_G
 ClientSampleId :
 SB-14B(13-15)MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	447482		
268	63.6	51.9	77.9	
264	66.8	50.6	75.8	

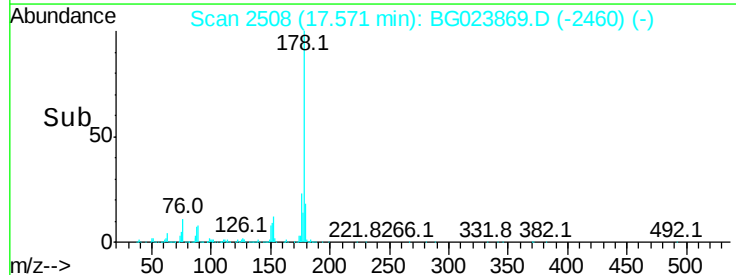
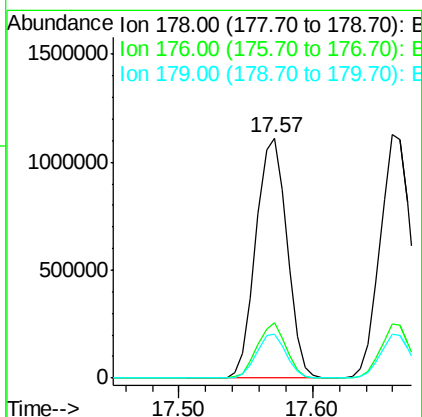
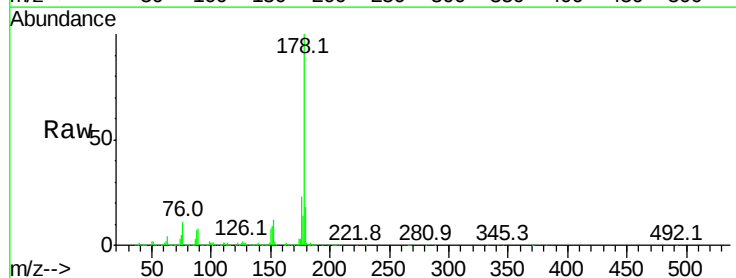
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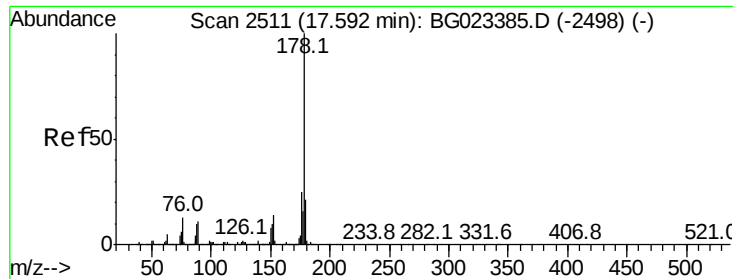
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#70
 Phenanthrene
 Concen: 50.32 ng
 RT: 17.57 min Scan# 2508
 Delta R.T. -0.02 min
 Lab File: BG023869.D
 Acq: 24 Aug 2016 1:07

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1790660		
176	22.9	16.8	25.2	
179	18.1	14.3	21.5	





#71

Anthracene

Concen: 50.68 ng

RT: 17.66 min Scan# 2523

Delta R.T. -0.02 min

Lab File: BG023869.D

Acq: 24 Aug 2016 1:07

Instrument :

BNA_G

ClientSampleId :

SB-14B(13-15)MSD

Tot Ion:178 Resp: 1813741

Ion Ratio Lower Upper

178 100

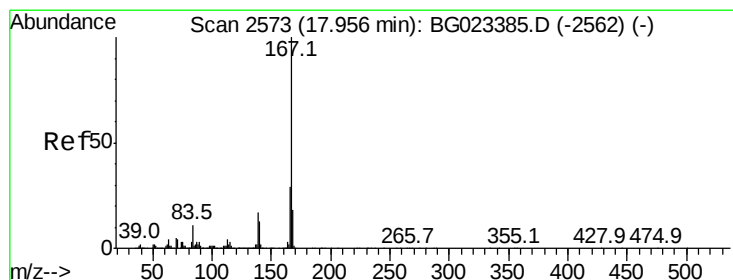
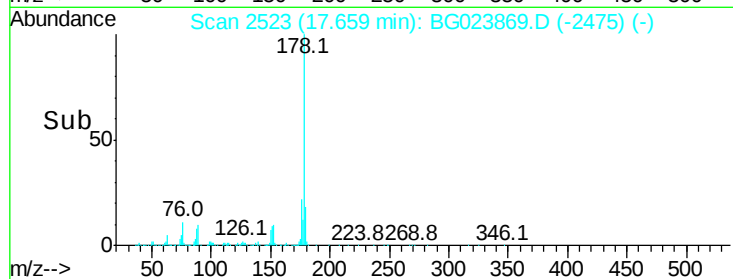
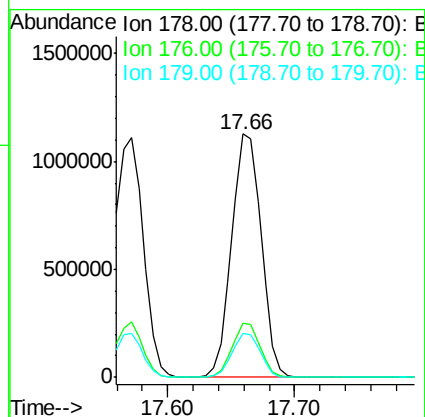
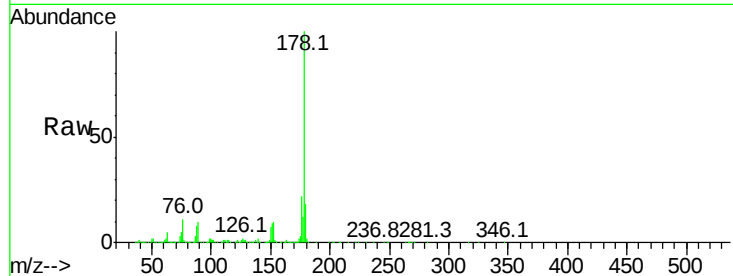
176 22.4 17.3 25.9

179 18.1 14.0 21.0

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#72

Carbazole

Concen: 53.50 ng

RT: 17.94 min Scan# 2570

Delta R.T. -0.02 min

Lab File: BG023869.D

Acq: 24 Aug 2016 1:07

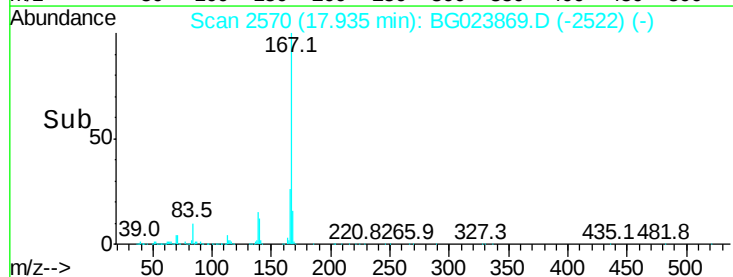
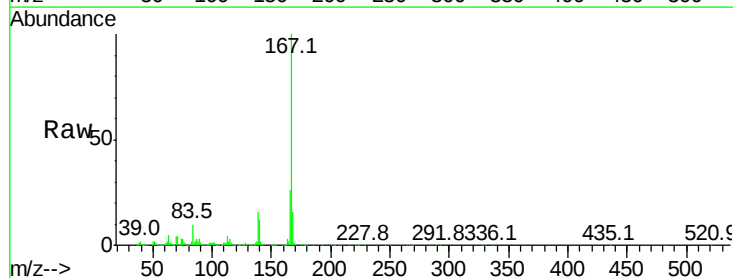
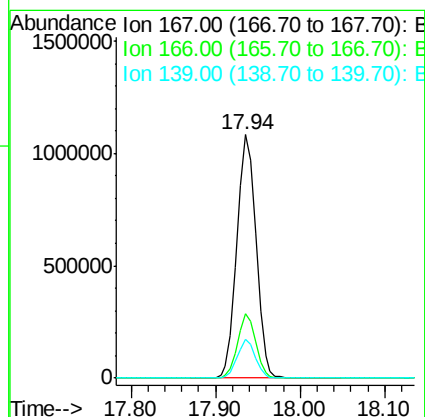
Tgt Ion:167 Resp: 1681567

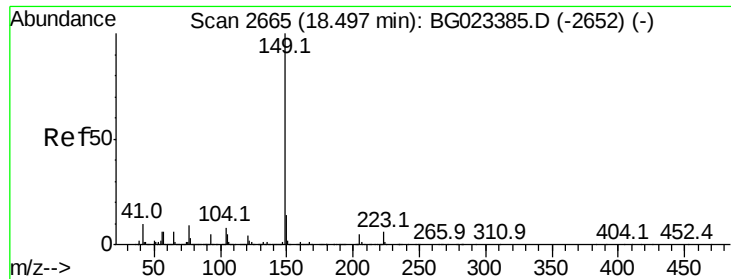
Ion Ratio Lower Upper

167 100

166 26.3 20.7 31.1

139 16.2 11.9 17.9





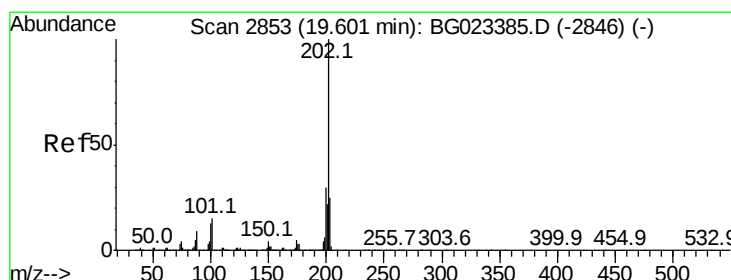
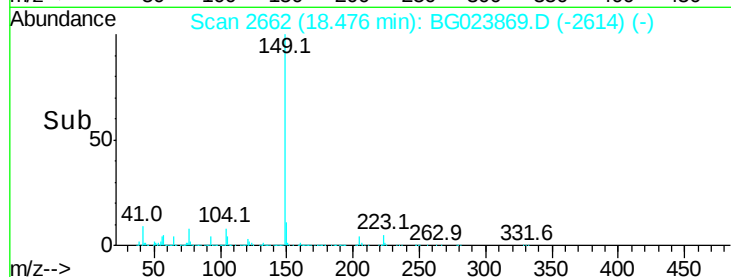
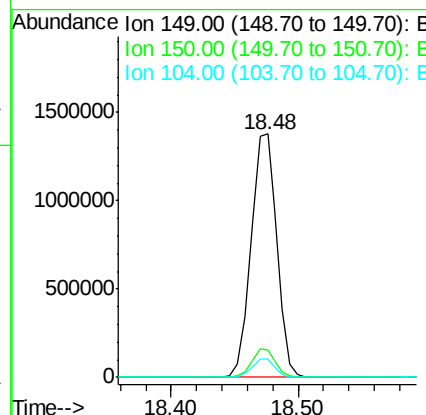
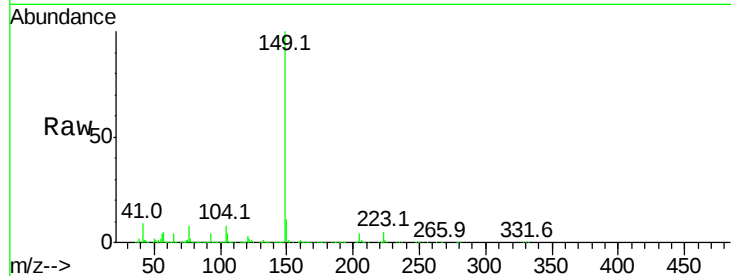
#73
Di-n-butylphthalate
Concen: 64.21 ng
RT: 18.48 min Scan# 2662
Delta R.T. -0.02 min
Lab File: BG023869.D
Acq: 24 Aug 2016 1:07

Instrument :
BNA_G
ClientSampleId :
SB-14B(13-15)MSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	11.4	9.1	13.7
104	7.6	6.9	10.3

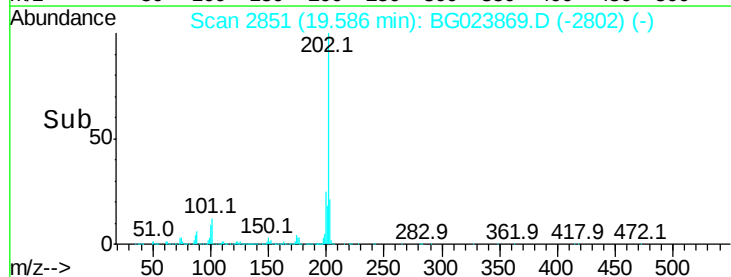
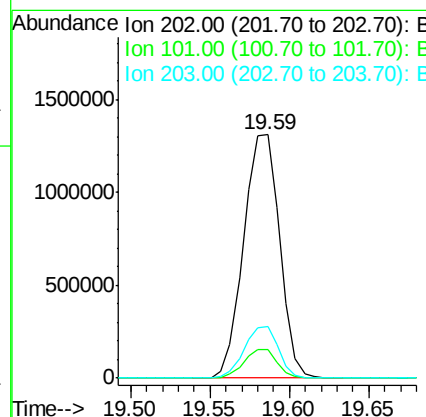
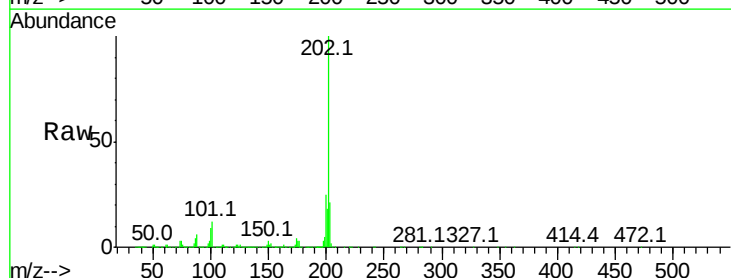
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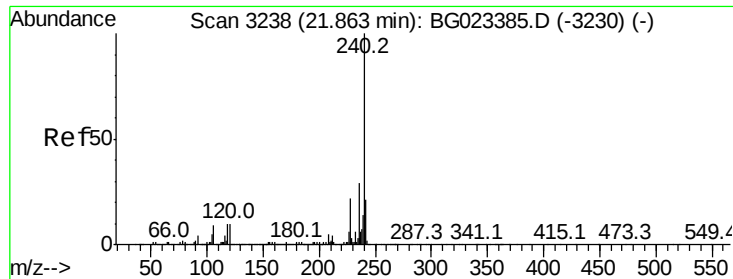
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#74
Fluoranthene
Concen: 65.82 ng
RT: 19.59 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BG023869.D
Acq: 24 Aug 2016 1:07

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	27.4
203	21.0	1.7	41.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.84 min Scan# 3235

Delta R.T. -0.02 min

Lab File: BG023869.D

Acq: 24 Aug 2016 1:07

Instrument :

BNA_G

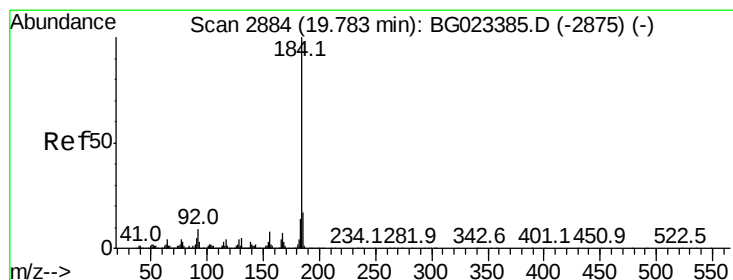
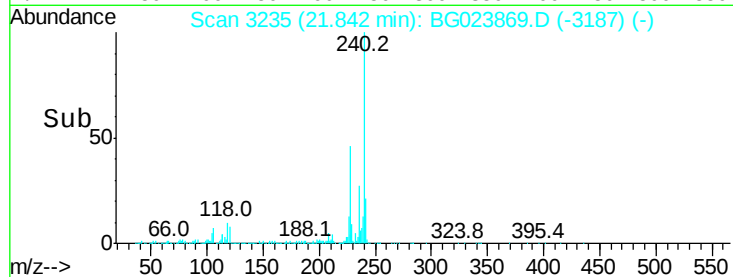
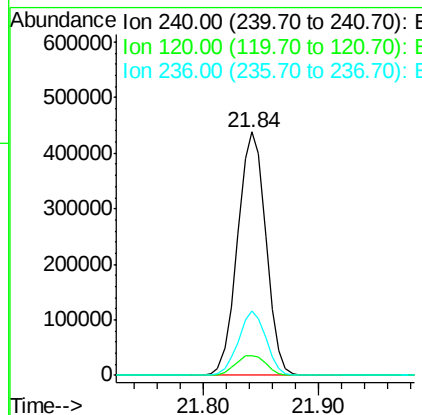
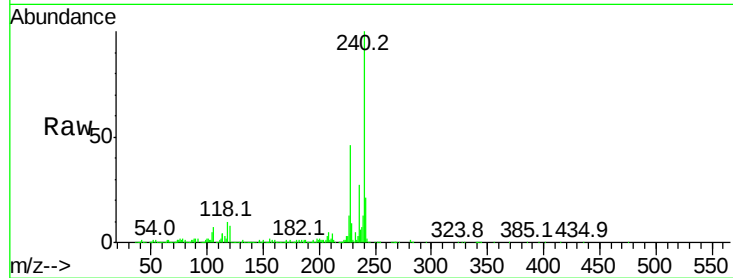
ClientSampleId :

SB-14B(13-15)MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	8.3	4.1	6.1#
236	26.7	21.1	31.7

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#76

Benzidine

Concen: 41.24 ng

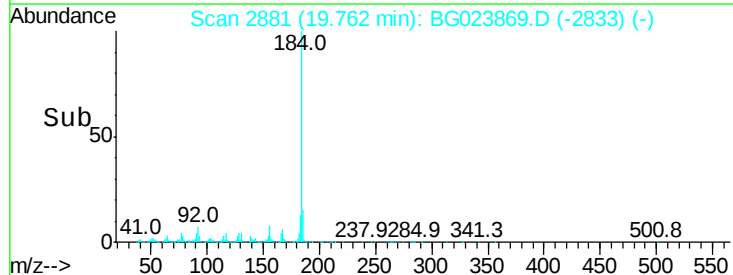
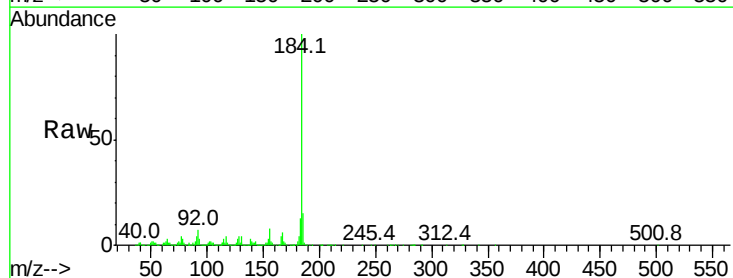
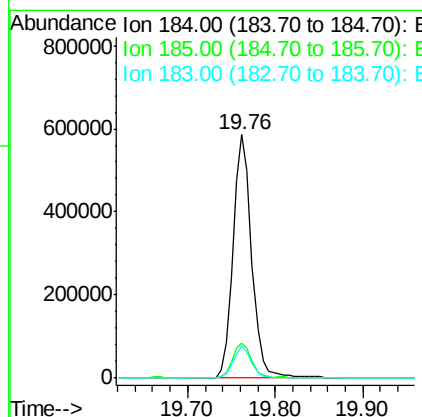
RT: 19.76 min Scan# 2881

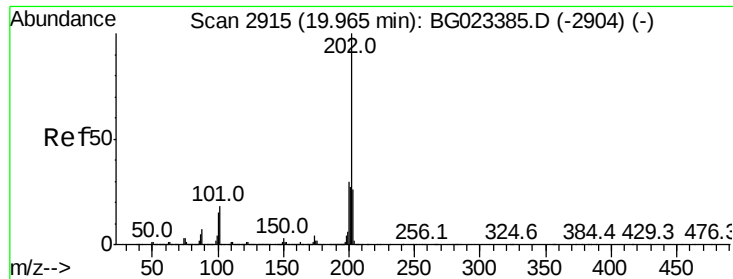
Delta R.T. -0.02 min

Lab File: BG023869.D

Acq: 24 Aug 2016 1:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
184	100		
185	14.6	12.6	19.0
183	13.2	10.7	16.1





#77

Pvrene

Concen: 50.46 ng

RT: 19.94 min Scan# 2912

Delta R.T. -0.02 min

Lab File: BG023869.D

Acq: 24 Aug 2016 1:07

Instrument :

BNA_G

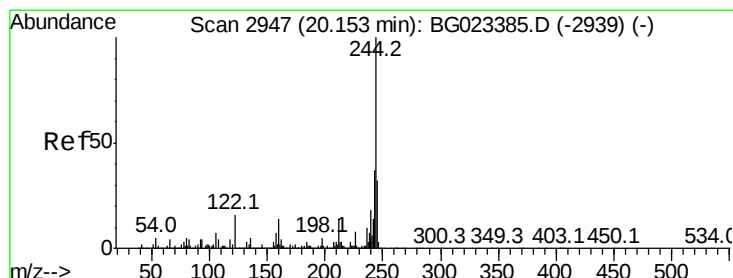
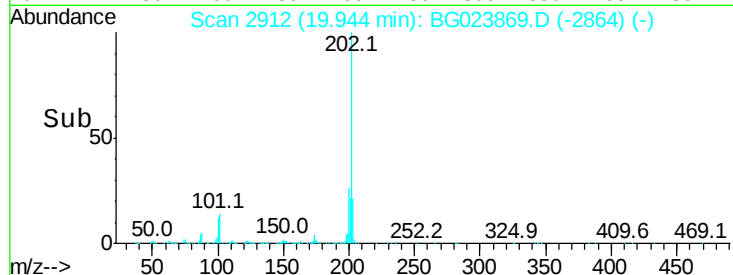
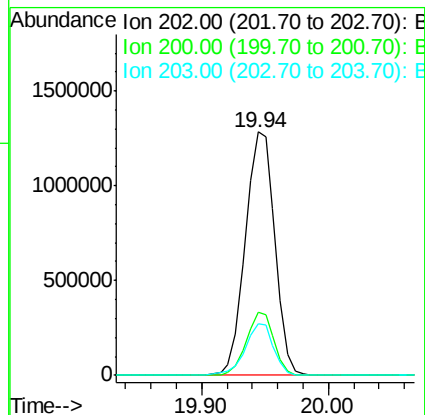
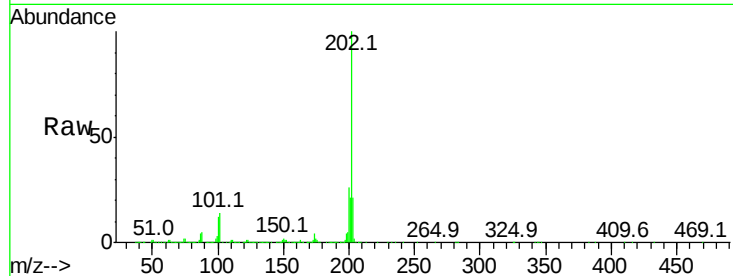
ClientSampleId :

SB-14B(13-15)MSD

Tot Ion:	202	Resp:	2073200
Ion	Ratio	Lower	Upper
202	100		
200	25.8	21.2	31.8
203	21.0	16.8	25.2

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#78

Terphenyl-d14

Concen: 102.42 ng

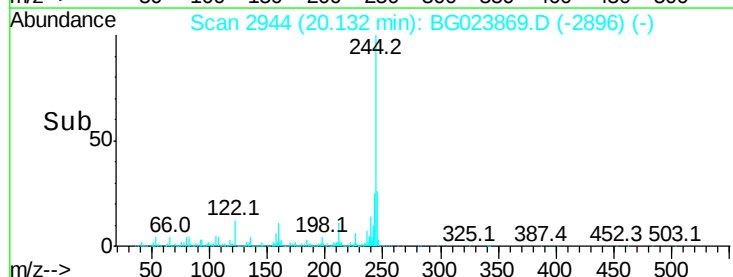
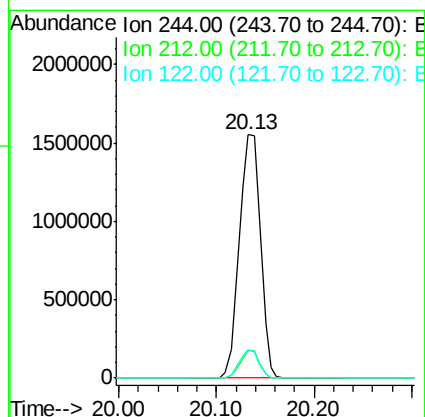
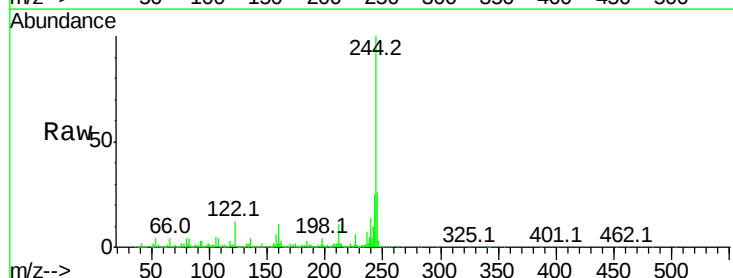
RT: 20.13 min Scan# 2944

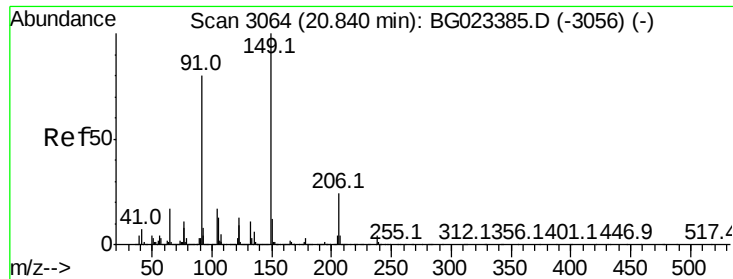
Delta R.T. -0.02 min

Lab File: BG023869.D

Acq: 24 Aug 2016 1:07

Tgt Ion:	244	Resp:	2332870
Ion	Ratio	Lower	Upper
244	100		
212	11.1	10.8	16.2
122	11.5	8.0	12.0





#79

Butylbenzylphthalate

Concen: 53.53 ng

RT: 20.82 min Scan# 3061

Delta R.T. -0.02 min

Lab File: BG023869.D

Acq: 24 Aug 2016 1:07

Instrument :

BNA_G

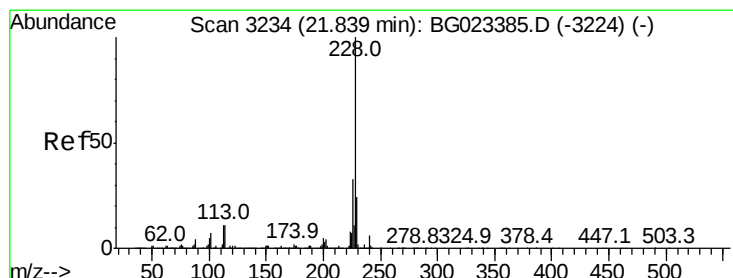
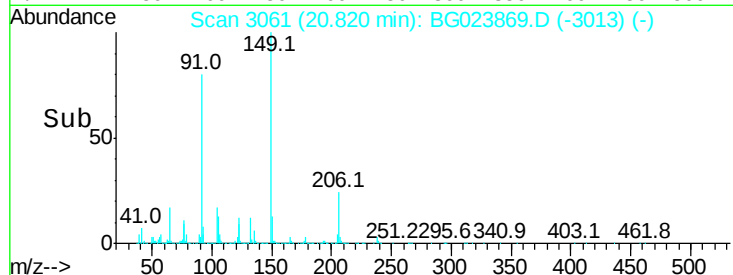
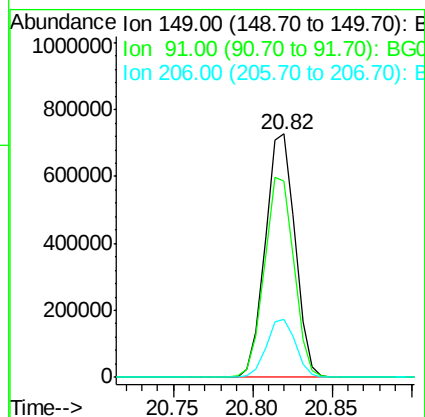
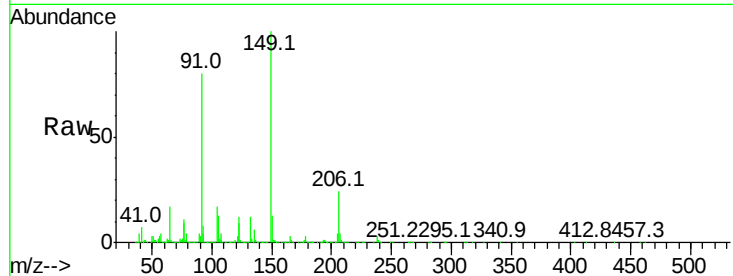
ClientSampleId :

SB-14B(13-15)MSD

Tot Ion:	149	Resp:	955508
Ion Ratio	Lower	Upper	
149	100		
91	80.4	68.1	102.1
206	23.7	19.8	29.6

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#80

Benzo(a)anthracene

Concen: 49.54 ng

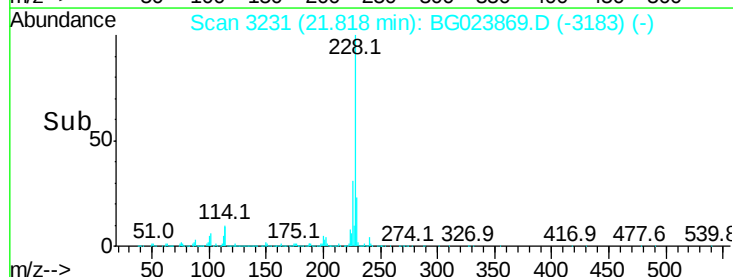
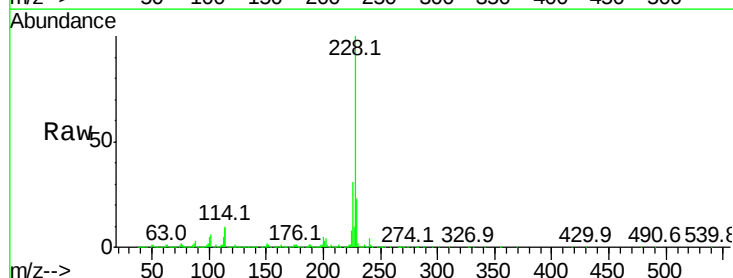
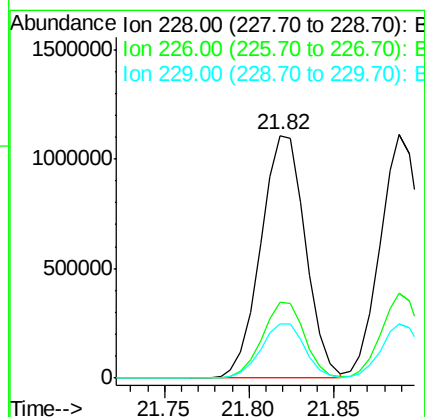
RT: 21.82 min Scan# 3231

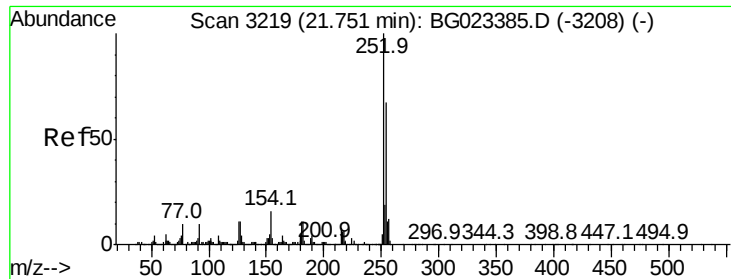
Delta R.T. -0.02 min

Lab File: BG023869.D

Acq: 24 Aug 2016 1:07

Tgt Ion:	228	Resp:	2027181
Ion Ratio	Lower	Upper	
228	100		
226	31.3	25.3	37.9
229	22.6	19.9	29.9





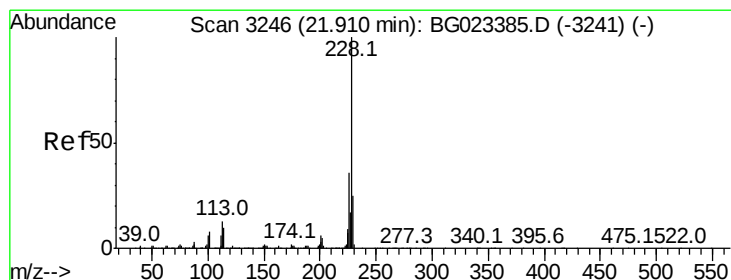
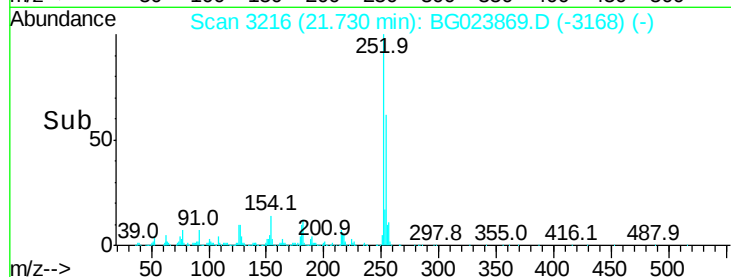
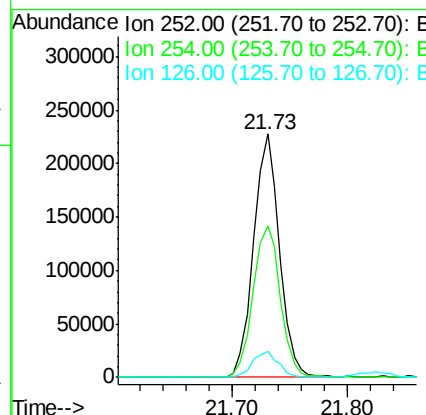
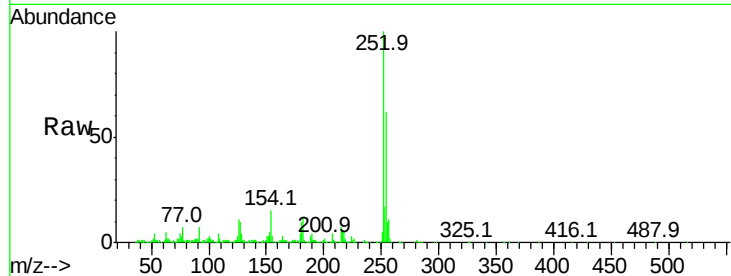
#81
 3,3'-Dichlorobenzidine
 Concen: 21.20 ng
 RT: 21.73 min Scan# 3216
 Delta R.T. -0.02 min
 Lab File: BG023869.D
 Acq: 24 Aug 2016 1:07

Instrument :
 BNA_G
 ClientSampleId :
 SB-14B(13-15)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.1	51.2	76.8
126	10.6	5.3	7.9

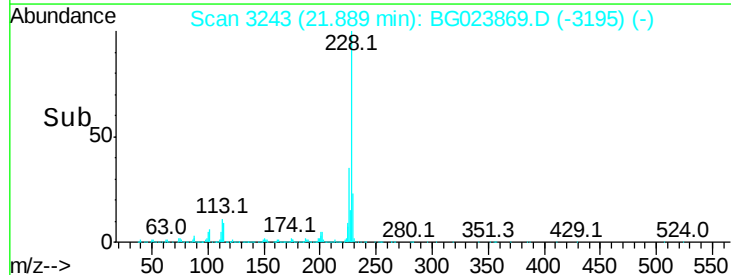
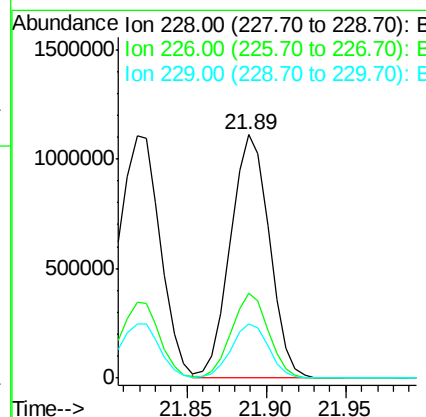
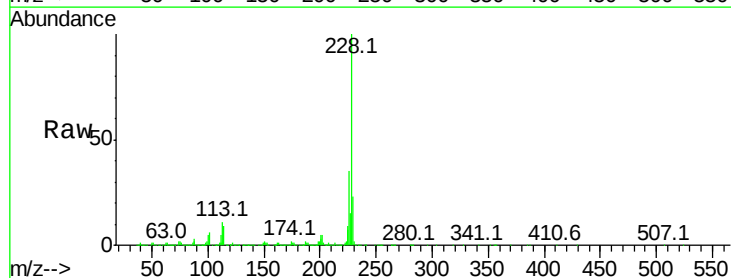
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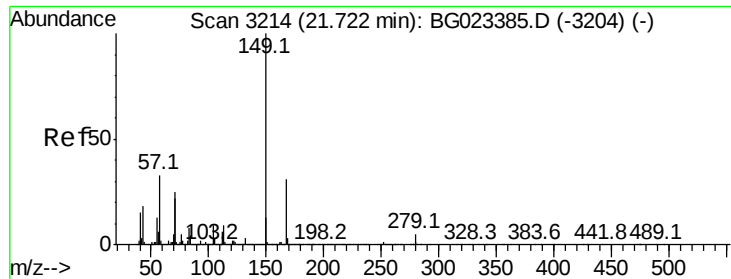
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#82
 Chrysene
 Concen: 48.42 ng
 RT: 21.89 min Scan# 3243
 Delta R.T. -0.02 min
 Lab File: BG023869.D
 Acq: 24 Aug 2016 1:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.6	26.7	40.1
229	22.5	17.4	26.2





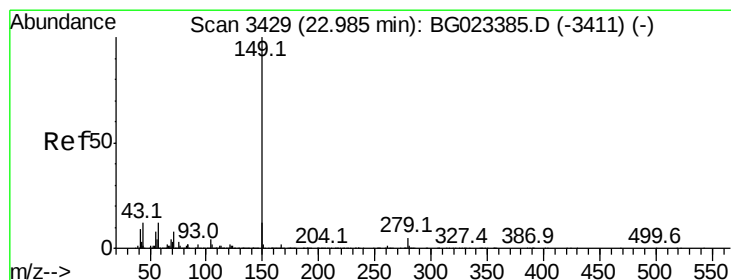
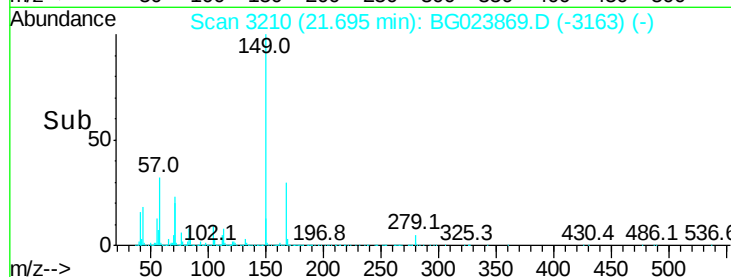
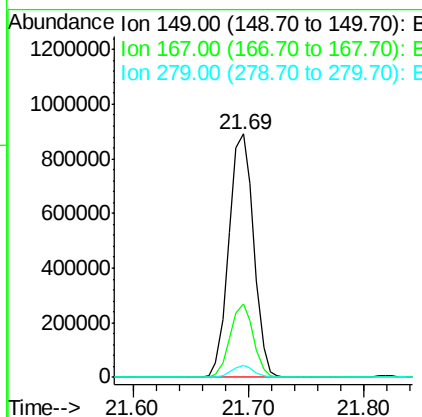
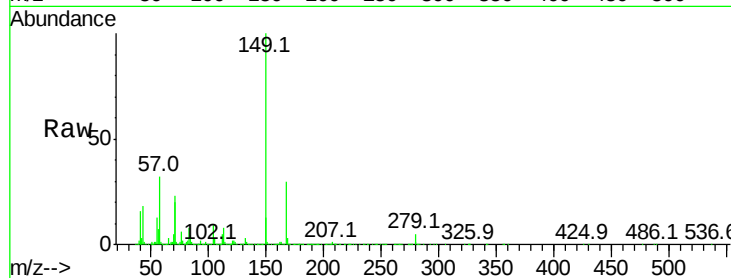
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 54.03 ng
 RT: 21.69 min Scan# 3210
 Delta R.T. -0.03 min
 Lab File: BG023869.D
 Acq: 24 Aug 2016 1:07

Instrument :
 BNA_G
 ClientSampleId :
 SB-14B(13-15)MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	30.0	24.0	36.0
279	4.8	4.8	7.2

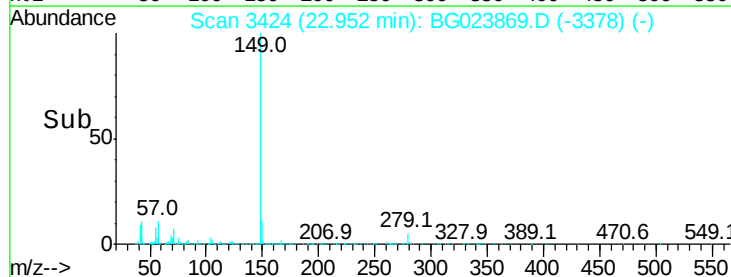
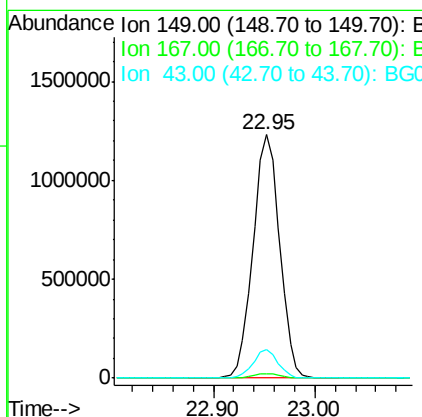
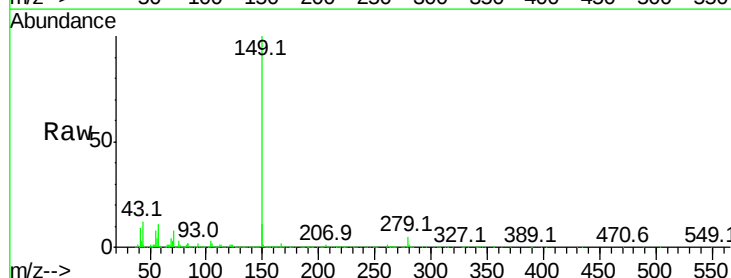
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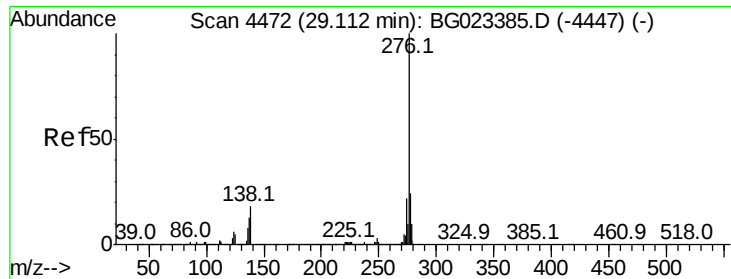
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#84
 Di-n-octyl phthalate
 Concen: 53.54 ng
 RT: 22.95 min Scan# 3424
 Delta R.T. -0.03 min
 Lab File: BG023869.D
 Acq: 24 Aug 2016 1:07

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.5	2.3
43	10.7	8.8	13.2





#85

Indeno(1,2,3-cd)pyrene

Concen: 48.87 ng

RT: 29.08 min Scan# 4468

Delta R.T. -0.03 min

Lab File: BG023869.D

Acq: 24 Aug 2016 1:07

Instrument :

BNA_G

ClientSampleId :

SB-14B(13-15)MSD

Tot Ion:276 Resp: 2377089

Ion Ratio Lower Upper

276 100

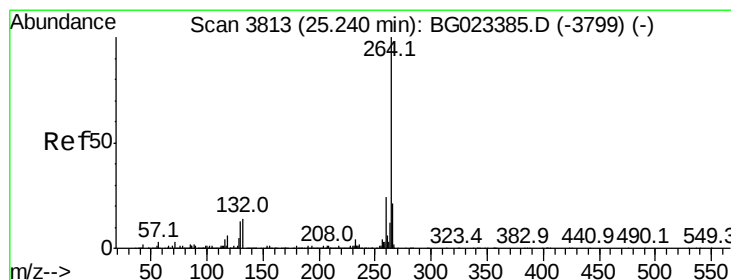
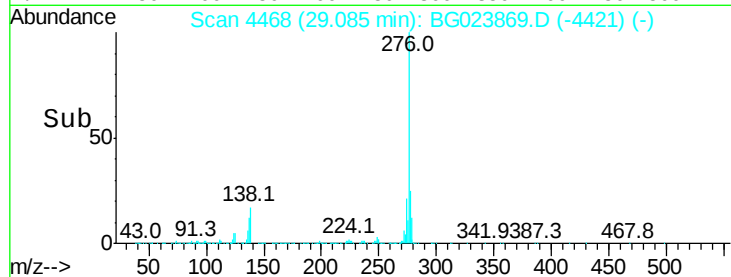
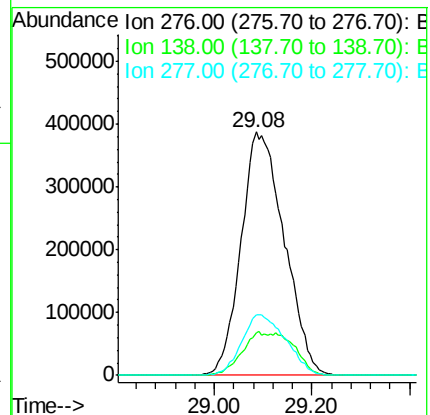
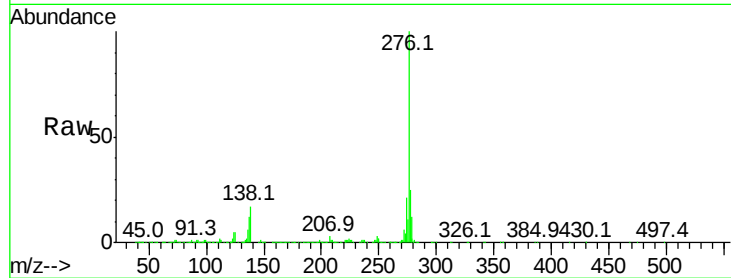
138 10.4 0.0 0.0#

277 25.6 0.0 0.0#

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#86

Perylene-d12

Concen: 20.00 ng

RT: 25.22 min Scan# 3810

Delta R.T. -0.02 min

Lab File: BG023869.D

Acq: 24 Aug 2016 1:07

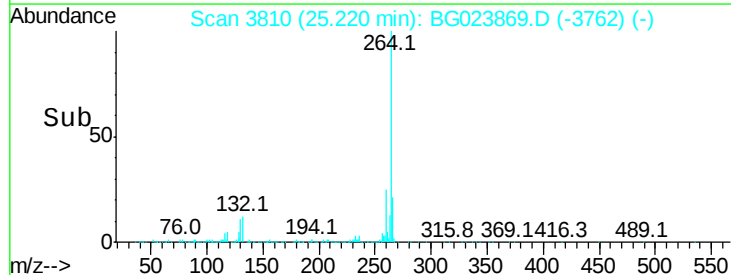
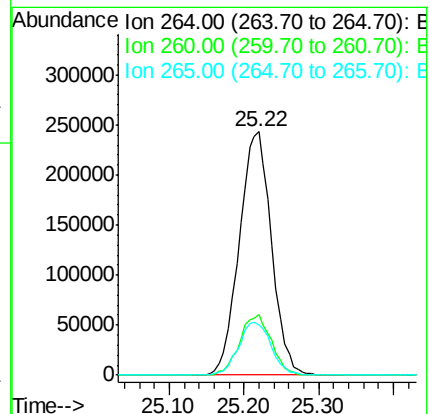
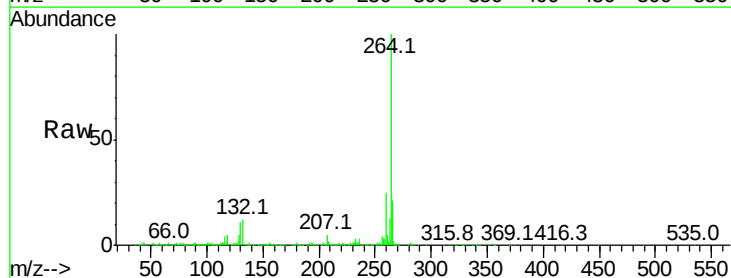
Tgt Ion:264 Resp: 726315

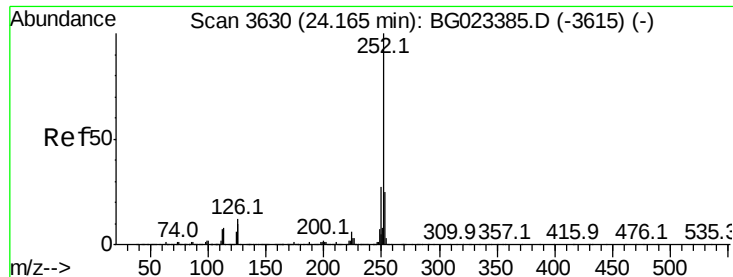
Ion Ratio Lower Upper

264 100

260 24.7 18.4 27.6

265 20.9 18.9 28.3





#87

Benzo(b)fluoranthene

Concen: 51.39 ng

RT: 24.14 min Scan# 3626

Delta R.T. -0.03 min

Lab File: BG023869.D

Acq: 24 Aug 2016 1:07

Instrument :

BNA_G

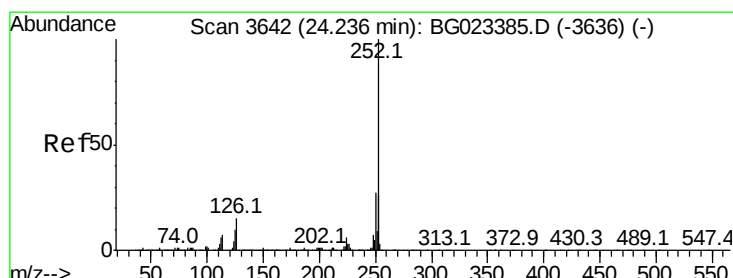
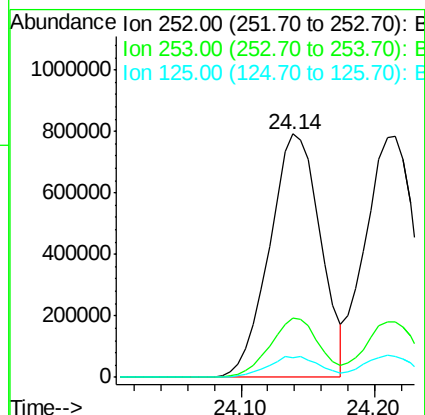
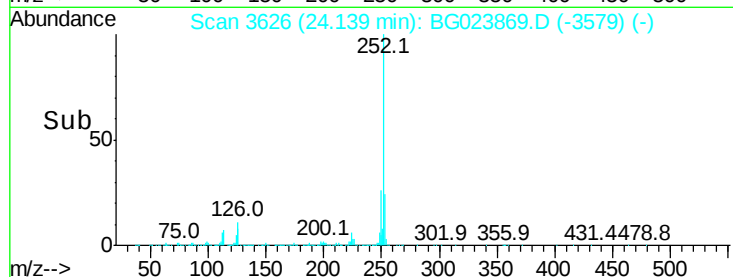
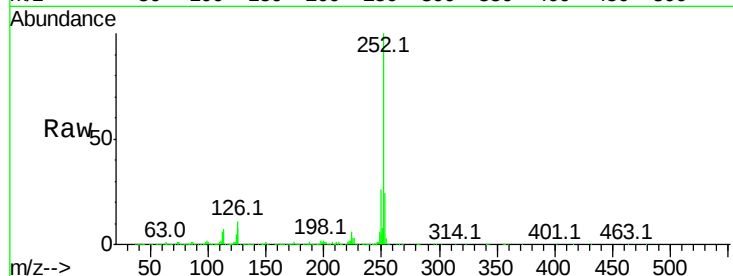
ClientSampleId :

SB-14B(13-15)MSD

Tot Ion:	252	Resp:	2100096
Ion Ratio	Lower	Upper	
252	100		
253	24.5	18.9	28.3
125	8.3	3.9	5.9#

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#88

Benzo(k)fluoranthene

Concen: 50.96 ng

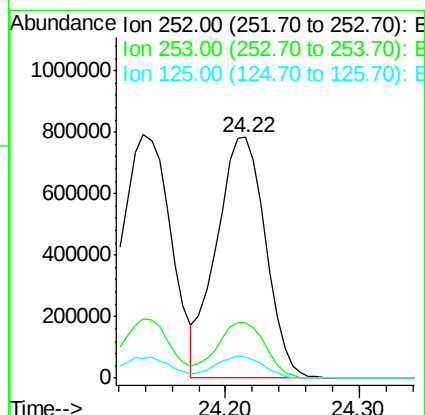
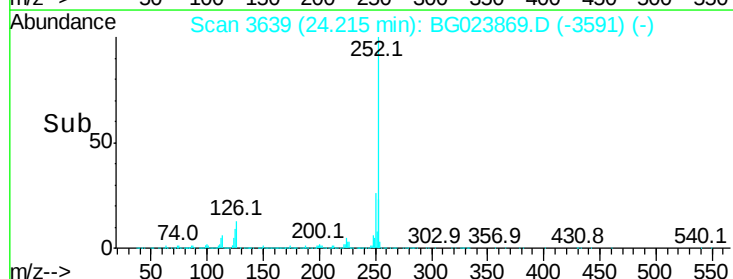
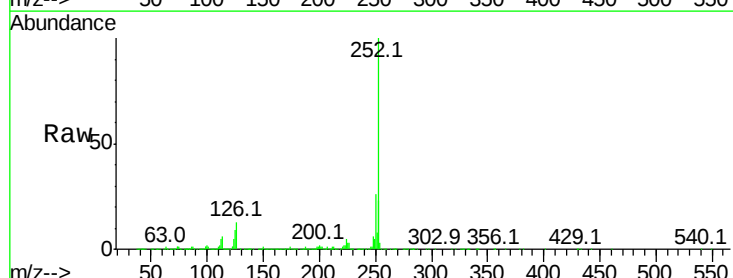
RT: 24.22 min Scan# 3639

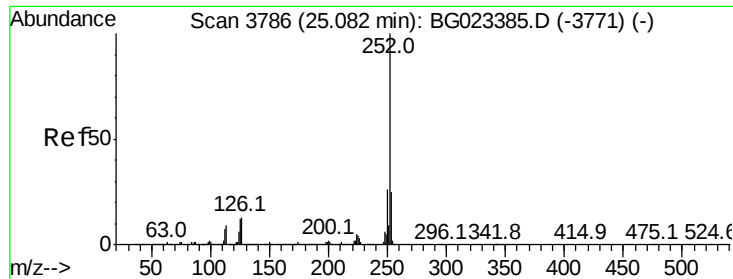
Delta R.T. -0.02 min

Lab File: BG023869.D

Acq: 24 Aug 2016 1:07

Tgt Ion:	252	Resp:	2000105
Ion Ratio	Lower	Upper	
252	100		
253	23.3	18.8	28.2
125	8.8	3.2	4.8#





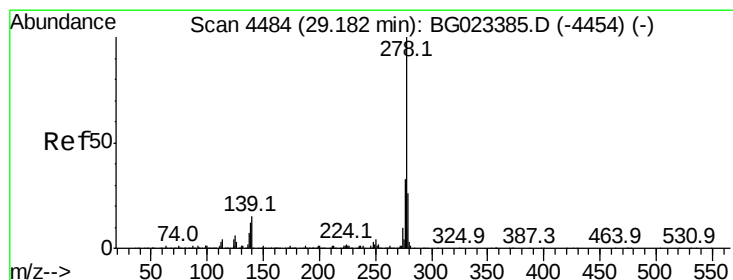
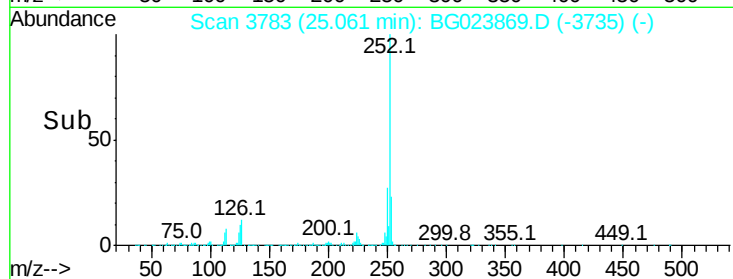
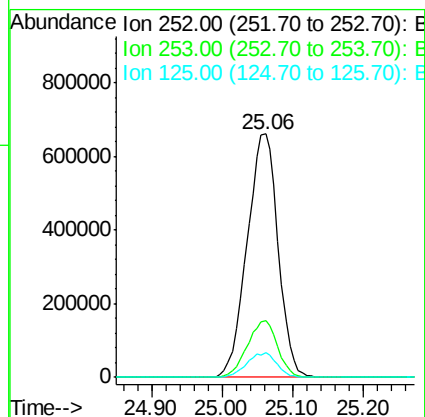
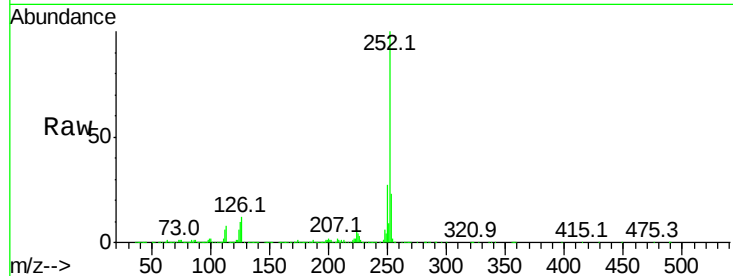
#89
Benzo(a)pyrene
Concen: 51.97 ng
RT: 25.06 min Scan# 3783
Delta R.T. -0.02 min
Lab File: BG023869.D
Acq: 24 Aug 2016 1:07

Instrument :
BNA_G
ClientSampleId :
SB-14B(13-15)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.7	28.1
125	10.3	3.9	5.9#

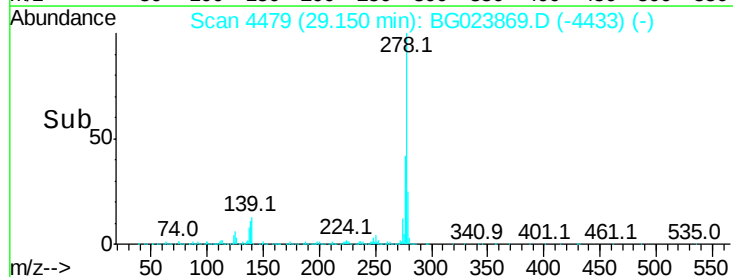
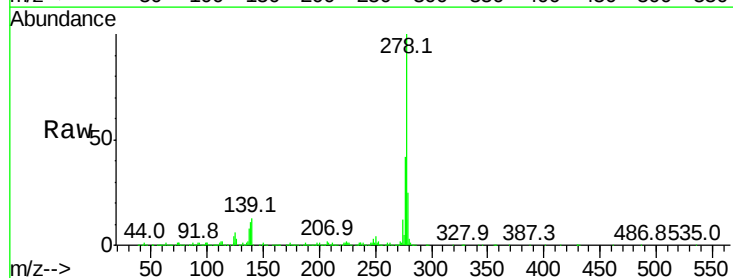
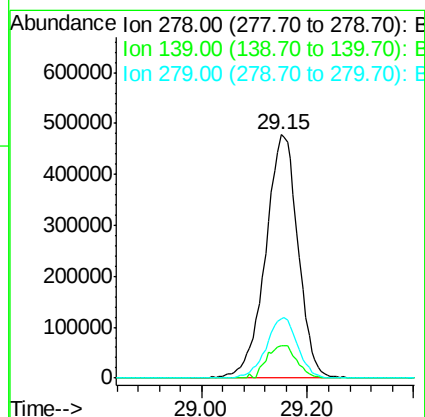
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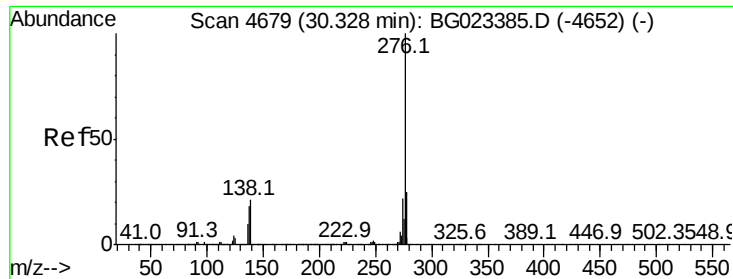
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#90
Dibenzo(a,h)anthracene
Concen: 51.35 ng
RT: 29.15 min Scan# 4479
Delta R.T. -0.03 min
Lab File: BG023869.D
Acq: 24 Aug 2016 1:07

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.4	4.7	7.1#
279	24.6	18.3	27.5





#91
 Benzo(a,h,i)perylene
 Concen: 49.31 ng
 RT: 30.31 min Scan# 4676
 Delta R.T. -0.02 min
 Lab File: BG023869.D
 Acq: 24 Aug 2016 1:07

Instrument :
 BNA_G
 ClientSampleId :
 SB-14B(13-15)MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.6	27.8
138	17.9	6.8	10.2

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